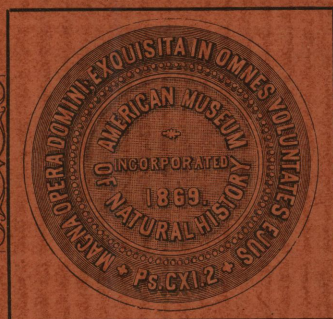


THE
American Museum of Natural History

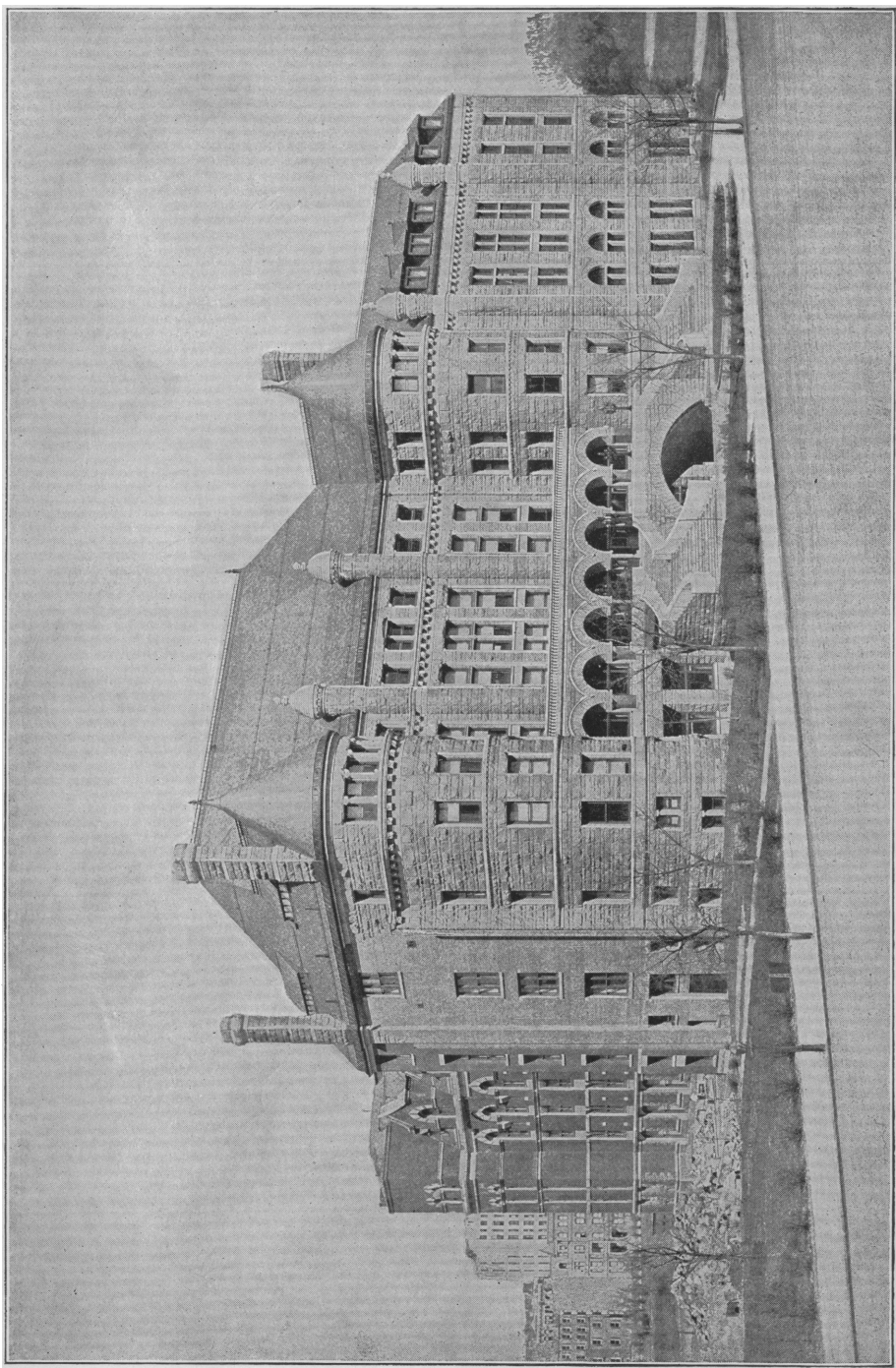
CENTRAL PARK, NEW YORK CITY.

(77th Street and 8th Avenue.)



ANNUAL REPORT OF THE PRESIDENT,
ACT OF INCORPORATION,
CONSTITUTION, BY-LAWS AND LIST OF MEMBERS
FOR THE YEAR 1894.

PRINTED FOR THE MUSEUM.



THE
AMERICAN MUSEUM OF NATURAL
HISTORY,

CENTRAL PARK, NEW YORK CITY.

(77th Street and 8th Avenue.)

ANNUAL REPORT OF THE PRESIDENT,
ACT OF INCORPORATION,
CONSTITUTION, BY-LAWS AND LIST OF MEMBERS
FOR THE YEAR 1894.



NEW YORK:
PRINTED FOR THE MUSEUM.

1895.

WM. C. MARTIN PRINTING HOUSE

NO. 111 JOHN STREET

NEW YORK

BOARD OF TRUSTEES,
1895.

MORRIS K. JESUP.	C. VANDERBILT.
ADRIAN ISELIN.	D. O. MILLS.
J. PIERPONT MORGAN.	ALBERT S. BICKMORE.
D. JACKSON STEWARD.	OSWALD OTTENDORFER.
JOSEPH H. CHOATE.	ANDREW H. GREEN.
*PERCY R. PYNE.	D. WILLIS JAMES.
JAMES M. CONSTABLE.	ARCHIBALD ROGERS.
WILLIAM E. DODGE.	WILLIAM C. WHITNEY.
J. HAMPDEN ROBB.	THEODORE A. HAVEMEYER.
ABRAM S. HEWITT.	†GEORGE G. HAVEN.
CHARLES LANIER.	ELBRIDGE T. GERRY.
†OLIVER HARRIMAN.	GUSTAV E. KISSEL.
ANSON W. HARD.	

* Died February 14, 1895.

† Resigned February, 1895.

OFFICERS AND COMMITTEES

FOR 1895.

President.

MORRIS K. JESUP.

Vice-Presidents.

JAMES M. CONSTABLE. D. JACKSON STEWARD.

Treasurer.

CHARLES LANIER.

Secretary and Assistant Treasurer.

JOHN H. WINSER.

Executive Committee.

JAMES M. CONSTABLE, *Chairman*.

MORRIS K. JESUP.	ARCHIBALD ROGERS.
D. JACKSON STEWARD.	J. HAMPDEN ROBB.
CHARLES LANIER.	ANSON W. HARD.
WILLIAM E. DODGE.	GUSTAV E. KISSEL.

Auditing Committee.

THEODORE A. HAVEMEYER. WILLIAM C. WHITNEY.

The President *ex-officio*.

Finance Committee.

J. PIERPONT MORGAN.	D. O. MILLS.
CHARLES LANIER.	ADRIAN ISELIN.

The President *ex-officio*.

Nominating Committee.

D. O. MILLS. WILLIAM E. DODGE.

JAMES M. CONSTABLE.

The President *ex-officio*.

PROF. ALBERT S. BICKMORE,
Curator of the Department of Public Instruction.

PROF. R. P. WHITFIELD,
*Curator of the Departments of Geology, Mineralogy, Conchology and Marine
Invertebrate Zoölogy.*

L. P. GRATACAP,
Assistant Curator.

EDMUND O. HOVEY,
Assistant Curator.

PROF. J. A. ALLEN,
*Curator of the Departments of Mammalogy, Ornithology, Herpetology and
Ichthyology.*

FRANK M. CHAPMAN,
Assistant Curator of the Department of Ornithology and Mammalogy.

PROF. HENRY FAIRFIELD OSBORN,
Curator of the Department of Mammalian Palæontology.

DR. J. L. WORTMAN,
Assistant Curator.

O. A. PETERSON,
Assistant.

PROF. FREDERIC W. PUTNAM,
Curator of the Department of Anthropology.

MARSHALL H. SAVILLE,
Assistant Curator.

W. BEUTENMÜLLER,
Curator of the Department of Entomology.

A. WOODWARD, PH.D.,
Librarian.

JOHN ROWLEY, JR.,
Taxidermist.

WILLIAM WALLACE,
Superintendent of Building.

TWENTY-SIXTH ANNUAL REPORT.

To the Trustees and Members of the American Museum of Natural History :

The following presents a statement of the operations and the progress of the Institution for the year 1894.

FINANCES.—Attention is directed to the Treasurer's report, which shows in detail the receipts and disbursements during the year. It will be observed that a deficit of \$3086.92, accrued in maintaining the Museum proper, was met by a transfer of that amount from the Endowment account.

NUMBER OF VISITORS.—The attendance at the Museum on the free days and Sundays has in no wise been lessened. The record shows a total of 623,151 visitors.

ENLARGEMENT OF THE BUILDING.—Under the terms of Chapter 448 of the Laws of 1893, which authorized the provision of a further addition to the Museum, the Trustees had plans prepared covering the erection of the new wing, and the alterations or repairs to the old building made necessary by reason of such addition. Subsequently a further sum was authorized by Chapter 63 of the Laws of 1894, for the purpose of equipping the new building. The total amount granted was \$550,000, and the closest scrutiny was used by the Park Commissioners in their consideration and approval of the plans. Bids were advertised for in the manner provided by statute, and a full opportunity was offered to all persons desiring to compete. The contracts were let in each instance to the lowest bidder, and it is a reason for congratulation alike to the city and Trustees that the work will be completed within the appropriation. The cases and fittings are of the most modern and approved construction, combining the best appliances to make them moth and dust proof. Symmetry and artistic design has not been omitted in the forms adopted, and every point has been considered which would tend to provide the best results attainable. It is due to the city that the construction of cases shall meet all the requirements requisite for a proper display of the specimens, at the same time keeping in view the necessity for a scientific arrangement. It may be observed that an attractive and well-arranged display always enlists the interest of our citizens, for whom the Museum is maintained and its growth fostered.

A brief statement serves to explain the increase of space for exhibition afforded by the new wing now approaching completion, and which it is expected will be opened to the public early in the autumn. The building, from cellar to roof, comprises six stories, exclusive of the attic, and is 127 feet in height, with a frontage on Seventy-seventh Street of 157 feet, and a width of 66 feet. The cellar is made remarkably light by the provision of wide and deep areas the entire length of the building in front and rear; this part of the building will be used for the storage of unpacked material. The building throughout is absolutely fireproof, the floors being finished in tile and marble mosaic of bright and attractive patterns. Mahogany has been used in the construction of the cases, as being the most desirable wood for museum fittings. The ground floor will contain the Jesup Collection of Woods, with ample space for the arrangement of the water colors over each specimen. The large mammals and the Bison and Moose Groups will occupy the first floor. The Gallery floor is allotted for the display of small mammals, the insect collection, and the overflow of material from the bird hall. The second floor will provide the space for the exhibition of specimens belonging to the new Department of Vertebrate Palæontology, furnishing a floor surface of 9500 square feet. Study rooms, storage apartments, and space for the keeping of the study material and duplicates, have been reserved on the top floor.

The construction of galleries in the Curators' offices in the old wing has doubled the area for the storage of specimens. Moth-proof cabinets have also been provided for the careful preservation of the specimens, and many other improvements have been added for carrying forward the work of the several departments.

During the year the Park Commissioners caused the grading and drainage about the old building to be very much improved, and have replaced the board walks with asphalt across Manhattan Square and the south front of the structure.

Attention is called to the accompanying illustrations, one showing the condition of the building and the grounds in the year 1878; the south façade in 1893; and the same view with the east wing at the close of 1894.

EMMONS' SECOND ALASKAN COLLECTION.—The preceding report stated that this collection had been placed on temporary display at the Museum pending the negotiations for its purchase. The efforts were successful, resulting in an arrangement whereby the Trustees are to pay a stipulated amount annually for five years. The first payment was met by subscriptions from a number of the Trustees, and it is gratifying to report that a friend of the Museum has contributed the amount required to meet the second annual installment. This collection, with the first Emmons Collection mentioned in the report of 1888, together with the

Bishop and other collections owned by the Museum, gives to the public and science what may be considered the most complete history of the life, habits and characteristics of the native tribes of that portion of the Continent.

PERUVIAN EXPEDITION.—Upon the termination of the second year of Dr. Bandelier's researches in Peru, under the auspices and personal support of Mr. Henry Villard, the Trustees assumed the expense of continuing the services of the explorer until April, 1896. In reciprocation of this action, Mr. Villard has generously donated to the Museum all of the material gathered by Dr. Bandelier up to April 1, 1894. It is pleasing to announce that the subsequent receipts have been numerous and of great interest. A large number of objects are now deposited at La Paz, Bolivia, awaiting a cessation of the insurrection in Peru before they can be transported safely to the port of shipment. The revolution in Peru has made it advisable for Dr. Bandelier to transfer his work of exploration to the Islands of Lake Titicaca, Bolivia, which are equally rich in archæological material. It is the expectation that his work during 1895 will yield far more important results than any of the preceding years. His notes and charts are voluminous, and greatly enhance the scientific value of the collection.

Two important shipments received from Mr. Bandelier during the past year have been from Arica, a coast town now occupied by Chili, and from the vicinity of the ruins of Tiahuanaco, next to Cuzco, the most famous ruin in South America.

Among the specimens obtained from Arica was a mummy elaborately dressed, having a complete fishing outfit, and other implements; but by far the most important object was a bag containing a brass thimble, a piece of paper in which was wrapped several brass pins, and a folded document in a very fragile condition. This paper was printed in old Spanish text, and is a Crusader's Bull, issued by Pope Gregory XIII, and signed by a priest. In the text occurs the date, February 20, 1578.

The collection from Tiahuanaco is extremely important, but little material from this region has found its way out of the country owing to the superstition of the Indians.

LUMHOLTZ EXPEDITION.—Fair success has attended the work of Dr. Carl Lumholtz in his investigations of the Indian tribes of that part of the Sierra Madre Mountains extending through Central and Southern Mexico. This field is not as rich for the explorer as Peru and Bolivia, inasmuch as the Government of Mexico is very persistent in refusing to permit the exhumation of prehistoric objects for removal from the country. Efforts have been made to effect a modification of this regulation, but as the restriction exists by virtue of legislative enactment it is unlikely that any privileges can be secured except with a hope of a division of results. The material gathered by Dr. Lumholtz

will therefore be more of an ethnological character, but valuable nevertheless. In the prosecution of this work the Trustees are indebted to the generous assistance of Mr. Austin Corbin and Mr. C. Vanderbilt.

Reference is made somewhat in detail to the preceding three collections, the Alaskan and the Mexican, which are ethnological in character, and also to those from Peru and Bolivia, which pertain to archæology, to better exemplify the rapid increase of this already valuable and instructive material.

As before stated, we have in sequence the two collections from Alaska, purchased from Lieutenant Emmons; the Bishop Collection from British Columbia, donated by Mr. Heber R. Bishop; the Sturgis Collection from the Pacific Islands, purchased from Mr. Appleton Sturgis, and the collection from the Pacific Coast, bought of Mr. James Terry. Following these are the collections from Arizona and Mexico, with the antiquities gathered in Peru and Bolivia.

The absence of any important amount of material from Central America interrupts the sequence of countries, but it is hoped that we shall soon receive from Honduras much that is needed to supplement these collections, contributions in aid of this result having been made by one of our Trustees.

To-day the study of the human races—those of the remote past and those approaching extinction—is engaging the keenest attention of scientists and the awakened interest of the public. Some of the large museums in Europe and in our own country are energetic in their efforts to enlarge and complete their collections pertaining to anthropology. Expeditions are fitting out, means for the prosecution of research are secured, the magazines, the daily and weekly press are educating the people to an appreciation of the eminent importance of this domain of the world's history, and the work of investigation has expanded to fields hitherto untouched. The plans outlined for the future development and enlargement of this department by the Trustees will, if carried forward, insure it a prominence exceeded in few similar institutions in the world. This department now affords the student ample material for reference, and will be a most valuable educational factor in teaching the present and future generations the life of man in the near and remote past.

SUMATRA EXPEDITION.—Early in the autumn of this year Mr. Rudolph Weber departed for an extended stay on the east coast of Sumatra to make collections of the fauna of that island. Reports received from him are most gratifying, and the opportunity has been improved to secure at a nominal cost rare specimens at present unrepresented in the collections. Mr. Weber has been commissioned to obtain such objects of ethnological interest

as will be desirable in the future work of the Department of Anthropology.

LECTURES.—It is worthy of note that interest has increased in the lectures given during the year. The Columbia College course has been continued. Professor Bickmore delivered the course of lectures to the teachers of the public schools in conformity with the agreement with the State Superintendent of Public Instruction, and repeated a number of these lectures on Tuesday evenings to the members of the Museum. Lectures have also been given by the Linnæan Society in coöperation with the Museum. Six courses of lectures are in progress Saturday afternoons, delivered by the Assistant Curators on subjects pertaining to the collections in the several departments. All of these lectures have been attended by large and appreciative audiences; the influence of the Museum is thereby enlarged and fostered, and the educational value of the collections enhanced. The results have fully justified the hopes and the expectations expressed at the time they were organized. The attendance of pupils accompanied by their teachers is increasing, and every facility is extended by the Curators to aid them in acquiring the knowledge which the specimens impart.

MEETINGS OF SCIENTIFIC SOCIETIES.—The annual reception of the New York Microscopical Society, and the yearly meeting of the American Ornithologists' Union, were held at the Museum, and largely attended. Several other scientific bodies now regularly convene at the Museum, ample facilities being accorded for this purpose.

JESUP COLLECTION OF NORTH AMERICAN WOODS.—A small number of rare species, hitherto unknown, have been added to this collection at the expense of the donor, and which were found growing in localities previously unexplored by collectors. These were gathered under the supervision of Prof. C. S. Sargent, through whose care and experience this collection has been made valuable and instructive alike to the artisan and the scientist.

GEOLOGICAL DEPARTMENT.—About three-fourths of all the Palæontological Collection has been labeled, and a catalogue of the type specimens has been prepared.

MINERALOGICAL COLLECTION.—The cataloguing and numbering of this collection is now so far progressed that it will be completed by July of 1895. Since the purchase of the Spang Collection the mineralogical series has been rearranged and renumbered.

A large geode of Velvet Malachite and some beautiful groups of Stalactites have been received from the Bisbee Mines, donated by the Copper Queen Consolidated Mining Company. They have also added a superb mass of Malachite and Azurite com-

bined, as well as some smaller specimens of similar material, which was exhibited by them in their attractive display at the Columbian Exposition. Most of these objects have been placed in a special case prepared for them.

THE J. P. MORGAN GEM COLLECTION.—This collection has been enriched by a number of additions by purchase and donation within the year. It is promised that during the coming year a popular descriptive catalogue of this collection will be prepared and published.

ECONOMIC COLLECTION.—Important additions of gold, silver and copper ores from Arizona have been contributed by Mr. T. R. Sorin; and several blocks of silver ore from Butte, Montana, have been presented by J. B. Haggin, Esq., and need a space where they, with the building and ornamental stones, can be properly displayed as an economical section of the Geological Department.

D. JACKSON STEWARD COLLECTION.—The marine and other shells donated to the Museum by Mr. D. Jackson Steward have been mostly identified, labeled, arranged, and catalogued.

THE HAINES COLLECTION OF SHELLS has been fully examined and compared with the catalogues furnished by Mr. Haines, and the purchase of this most valuable collection will probably be consummated early in 1895. It consists of marine, land and fresh-water shells, and will add very materially to the number of forms now in the Museum, and make our collection one of the noted collections of the country, both as to the number of species as well as the beauty of the specimens, and of great value to the scientific world.

Quite a large collection of shells, numbering several hundred specimens, as well as many other forms of marine life, mostly from the Pacific coast, were received from the estate of the late Capt. Dow.

A valuable collection, of about one thousand specimens of invertebrate fossils from the Coal Measures of Illinois, was lately received from Dr. R. D. La Coe, of Pittston, Pa. Other donations and accessions will be found entered in the appendix under the head of Donations.

INVERTEBRATE ZOÖLOGICAL COLLECTION.—Professor Verrill was engaged to identify some undetermined material which remained unfinished at the close of last year. Many of the alcoholic specimens have been placed in new and commodious jars with clean alcohol, and present a most attractive appearance.

DEPARTMENT OF MAMMALS, BIRDS, REPTILES AND FISHES.—The past year has been marked by an unusual increase in the

amount of material received, partly through donations, partly by purchase and exchange, but quite largely through Museum expeditions. Among the noteworthy gifts is a collection of 2500 Indian birds, presented by Messrs. J. M. Constable and William E. Dodge; the Indian elephant "Tip," presented by the Commissioners of the Department of Public Parks; the Chimpanzee "Chiko," a young Indian elephant, a Tapir, and various deer and antelopes, the gift of Mr. James A. Bailey; and a valuable collection of Costa Rica mammals presented by the National Museum of Costa Rica. Professor L. L. Dyche, of the University of Kansas, donated about one hundred specimens of Kansas mammals. A very finely mounted Tarpon was received from A. M. McGregor, Esq.; and a valuable collection of Panama fishes from Mrs. Elizabeth K. Dow. All the collections are in thoroughly safe condition, as regards their preservation. A local collection of New York Birds has been completed, and each of the specimens, 300 in number, supplied with special labels. A collection of the nests and eggs of New York birds has also been placed on exhibition. These two exhibits prove of exceptional interest to visitors and local students, and are constantly consulted by persons interested in the study of our local birds. A special guide to these collections has been issued by the Museum, and proves of great service to such visitors.

DEPARTMENT OF ENTOMOLOGY.—Twice during the year the entire material has been inspected and poisoned, and is in good condition and free from pests. The Edwards Collection was transferred from the storage room to moth-proof boxes in the gallery of the Curator's room and is now available for study.

Nearly 1000 of the specimens collected within a radius of thirty miles from this city have been furnished with locality labels, and will be utilized as a local collection of New York insects. Considerable time has been devoted to the selection of material for display in the new hall.

DEPARTMENT OF MAMMALIAN PALÆONTOLOGY.—The increase and development of this department fully equals that of the preceding year. The work of the past year has been carried forward in four distinct formations; the White River district, South Dakota; the Hat Creek Basin, Nebraska; the Uncompaghere Reservation, Utah; and Loup Fork formation, Kansas. Four hundred specimens were secured in the first two localities, among which were six complete skeletons. The greater part of this material is very desirable for exhibition, aside from its value to science. The Loup Fork expedition yielded about 250 specimens. From the Uinta Basin only 142 objects were secured, but the outcome is gratifying nevertheless when it is considered that several months elapsed from the time of arrival at this point before permission could be obtained from the Department of the Interior to enter

the Reservation for the purpose of collecting. Had the requisite authority been promptly accorded, the work would have yielded a much greater acquisition of material. Efforts are being made to secure by purchase for this department the famous collection of North American Fossil Mammals gathered by Prof. E. D. Cope.

DEPARTMENT OF ANTHROPOLOGY.—During the latter part of the year the title of this division of the Museum was changed to that above noted, as more fully defining the character and scope of the collections. It is a cause for regret that, owing to a lack of space, the collections in this department are not satisfactorily exhibited. This difficulty must continue until means are provided for the erection of another addition to the building.

The material belonging to this department, with that to be received from the expeditions in Peru, Mexico and Honduras, will, if properly displayed, fill one entire wing on the west side of the main building, corresponding with the addition on the east side, now about completed. Efforts will be made to obtain, before another year, the necessary funds from the city to erect and equip such a building.

LIBRARY.—The report of the Librarian announces an increase of 1149 volumes during the year, making the total number at the close of the year, 29,231 volumes, all relating to Natural History. Donations of rare and desirable publications were received from the Hon. R. P. Flower, Messrs. Samuel P. Avery, John J. Crooke, D. M. Johnson, His Excellency Porfirio Diaz, President of Mexico, Mr. James M. Constable, and the President.

PUBLICATIONS.—Besides the Guide to the Local Collection of Birds, the Museum has published the past year an additional volume of about 400 pages, with eleven plates and twenty-five cuts in the text. It contains twenty-eight articles, representing four of the departments of the Museum, as follows: Department of Geology, etc., one article with eight pages and one plate; Department of Mammalian Palæontology, three articles with seventy pages, three plates and eighteen cuts; Department of Entomology, four articles with eighty-four pages, six plates, and eleven cuts in the text; Department of Mammalogy and Ornithology, ten articles with 180 pages and one plate. It was the plan of the Committee of Publication to issue during the year another number of the Memoirs, but unforeseen difficulties were met with which rendered it impossible. At least one number of the Memoirs should be published each year. The first was brought out in 1893, and two should appear in 1895 to make the average one a year for 1893 to 1895.

The Bulletin, published under the supervision of the Curators, forms an important contribution to science, and brings the Museum into close relations with all the scientific institutions of this country and Europe.

ENDOWMENT FUND.—The need of a greater income for the purchase of material, suggested in the report of the preceding year, and the importance of this fund, may with propriety be again urged for consideration. Prior to the year 1888 the comparatively slow growth of the Museum did not demand any radical changes in the exhibition halls. The acquisitions were, as a rule, fewer in number and of less importance than those of subsequent years. Since the year stated many large and widely-known collections have come upon the market, and the Trustees have felt the great importance of securing these for the Museum.

NEED OF ADDITIONAL EXHIBITION SPACE.—The growth of the collections has always exceeded the facilities for their display. We, therefore, confidently assume that this condition may be expected to continue, and perhaps it is desirable that it should. It would not have seemed safe to predict six years since that the Museum would hold the rank that it does to-day, and yet what is true of the past may with confidence be assumed for the future. The series of views of the building introduced in this report amply demonstrate the gratifying development of the Museum; its progress could not be shown more graphically. With the record of the past before us, it is evident that the erection of a west wing must be provided for early in the coming year, in order that the specimens now stored may be displayed for the benefit of the public, whose growing interest in the institution is manifest. The primary intention of the Trustees, as stated in its articles of incorporation, was to create a museum for the education, amusement and instruction of the public. This object has always received the first consideration at their hands, without their losing sight, however, of the requirements of that portion of the community interested in scientific research.

An expression of my appreciation is due to the Trustees for their liberal assistance and earnest coöperation in the work of the year. To the Curators and others in charge of the divisions of the Museum and to all of the employees, my thanks are due for their faithful services in carrying out the details of the work intrusted to them.

MORRIS K. JESUP, *President.*

NOTE.—Since the preparation of this report the Trustees caused bills to be introduced in the Legislature conferring power on the city authorities to appropriate five hundred thousand dollars for a further enlargement of the Museum, and for an increased appropriation of twenty thousand dollars annually, for maintenance. The efforts of the Trustees met with the cordial support of the public press of our city, and these measures, known as Chapters 235 and 236 of the Laws of 1895, passed the Legislature unanimously. They subsequently received the approval of His Honor, Mayor Strong, and His Excellency, Governor Morton. The erection and equipment of another wing will provide the facilities for carrying forward the plans outlined by the Trustees for the upbuilding of a great department of Anthropology.

Dr.

THE AMERICAN MUSEUM OF NATURAL HISTORY

To Balance January 1, 1894..... \$30,627 24

MAINTENANCE.

EXPENDITURES.

To Lecture Department.....	\$7,189 60	
Expressage.....	616 26	
Salaries.....	30,381 91	
Labor.....	23,156 03	
General Expense.....	2,474 38	
Printing.....	61 45	
Postage.....	218 70	
Repairs.....	609 38	
Coal.....	4,484 48	
Supplies.....	2,269 54	
Labels.....	480 10	
Stationery.....	777 25	
Fixtures.....	1,287 91	
Interest on Dr. Balances.....	948 48	
Poison.....	953 87	
Special Cases.....	18,614 62	
Traveling Expense.....	39 08	94,563 04
		<u>\$125,190 28</u>

RECEIPTS.

Department of Public Parks, inclusive of the refund of \$48,103.36*.....	\$113,103 36	
State Superintendent of Public Instruction.....	9,000 00	
Annual Members, transferred from Endowment Account.....	3,086 92	\$125,190 28

\$125,190 28

Examined and approved, { THEO. A. HAVEMEYER, { Auditing
Committee.

Correct.—J. W. EDWARDS, Auditor, Feb. 6, 1895.

* This amount covers advances made by the Trustees during preceding years, for the provision of cases and fixtures, and repairs to the building.

ENDOWMENT.

EXPENDITURES.

To Minerals.....	\$225 12	
Department of Mammalian Palæontology.....	4,515 27	
Department of Ornithology.....	479 40	
Labels.....	113 19	
Bulletins.....	2,662 95	
Terry Collection.....	3,534 01	
Mammals.....	1,318 17	
Emmons Second Collection.....	5,000 00	
Kunz Collection.....	600 00	
Department of Anthropology.....	170 05	
Library.....	775 64	
Mammal Groups.....	266 51	
Appleton Sturgis Collection.....	4,169 38	
Skeletons.....	662 81	
Lumholtz Expedition.....	3,030 00	
Department of Geology.....	41 00	
Traveling Expense.....	19 00	
Special Account, Groups.....	85 00	
Department of Conchology.....	20 90	
Peruvian Expedition.....	3,285 73	
Annual Reports.....	403 18	
Edwards Entomological Collection.....	600 00	
Department of Entomology.....	53 10	
Guides.....	383 75	
Sumatra Expedition.....	153 19	
Insect Groups.....	65 92	
Spang Collection.....	1,000 00	
Annual Members, transferred to Maintenance Acc't,	3,086 92	\$36,720 19
Balance January 1, 1895.....		3,684 11

\$40,404 30

RECEIPTS.

Guides.....	\$168 30	
Life Members: Mrs. Wm. Combe, Franklin D. Roosevelt.....	200 00	
Annual Members.....	6,080 00	
Interest on Invested Funds.....	17,100 00	
Trustees, Subscriptions in aid of the purchase of the Emmons Collection.....	4,200 00	
Admission Fees.....	1,124 00	
Cornelius Vanderbilt, for Lumholtz Expedition..	1,000 00	
Austin Corbin, " " " " " "	1,000 00	
Miss Phebe Anna Thorne, for Emmons Collection,	5,000 00	
Patrons: Elbridge T. Gerry, Anson W. Hard, Gustav E. Kissel.....	3,000 00	
Prof. Henry Fairfield Osborn, Subscription.....	1,500 00	
Collecting Permits.....	32 00	\$40,404 30

\$40,404 30

Balance January 1, 1895..... \$3,684 11

[E. & O. E.] NEW YORK, December 31, 1894.

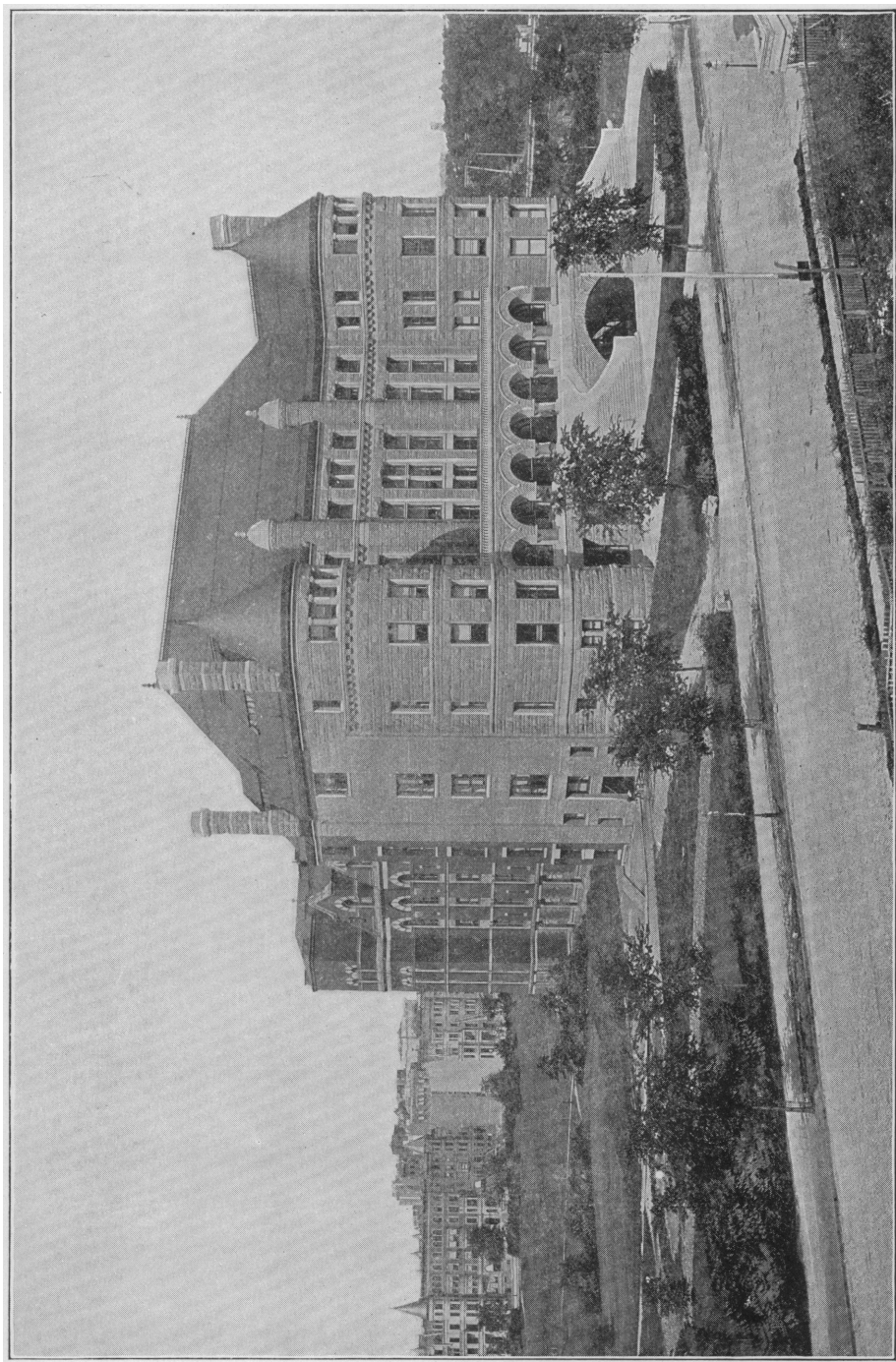
CHARLES LANIER, *Treasurer.*

FORM OF BEQUEST.

I do hereby give and bequeath to "THE AMERICAN MUSEUM OF
NATURAL HISTORY," *in the City of New York,*

.....

.....



L. C. LAUDY, PHOTO.

VIEW OF BUILDING, 1893. SOUTH FRONT.

LIST OF ACCESSIONS, 1894.

DONATIONS.

LIBRARY.

- MORRIS K. JESUP, New York City.
Eleventh Annual Report of the State Geologist, N. Y. 1891.
Missouri Botanical Garden. Fifth Annual Report. 1894.
Smithsonian Institution. Annual Report. 1892.
Raccolta di Ercolans, di Pompei, e di Stabia. By Abbate.
- JAMES M. CONSTABLE, New York City.
The History of the Centennial Celebration of the Inauguration of
Geo. Washington. 1892.
- HON. A. S. HEWITT, New York City.
Official Gazette of the United States Patent Office. Vols. LXVI,
LXVII, LXVIII, LXIX. 1894.
Alphabetical List of Patentees and Inventions. 1893-'94.
Index. Vol. LXIV, 1893; LXVI, 1894.
- S. P. AVERY, New York City.
Essai sur la Physionomie des Serpens. By H. Schlegel. 2 vols. and
Atlas. 1837.
A Cabinet of Quadrupeds, consisting of Highly Finished Engravings.
By J. Church. 2 vols. in one. 1805.
Ornithophonia sive Harmonia Melicarum Avium. By N. Baerii. 1695.
Lithographed Signatures of Members of British Association for ad-
vancement of Science. 1833.
Twenty-one Essays on various subjects, Scientific and Literary. 1865.
Elementa Botanica. By N. J. de Necker. 1790.
Almanach Hachette petite Encyclopédie populaire de la Vie Pratique.
1894.
Proceedings of 11th Annual Meeting Lake Mohonk Conference of
Friends of Indians. 1893.
Maison Rustique du xix^e Siècle. Encyclopédie d'agriculture pratique.
By M. E. Bailly. 5 vols. 1836.
Illustrations of Botany and other branches. Natural History of
Himalayan Mts., and Flora of Cashmere. By J. F. Royle. Parts
I-VI. 1833-1835.
Flowers of Loveliness. 12 Groups of Female Figures, emblematic of
flowers. By T. H. Bayly. 1837.
Fishes of the Tropics. The Bahamas chiefly. Colored. 17-
Pomona Brittanica. Collection most esteemed fruits, etc. By G.
Brookshaw. 2 vols. 1817.
Natur-und Materialien, Kammer, auch Ost-Indianische Hendschreiben
und Rapporten. By D. Valentini. 1704.
Victoria Regia: Illustrations of the Royal Water-Lily. By Sir W. J.
Hooker. 1851.
Some of my Bush Friends in Tasmania, Native Flowers, etc. By
Louisa Anne Meredith. 1860.

- HON. R. P. FLOWER, New York City.
 War of the Rebellion. Series I. Vols. XLII, part 3; XLIII, parts 1, 2; XLIV; XLV, parts 1, 2.
 Atlas of the War of Rebellion. Parts 24-32. 1894.
- J. J. CROOKE, New York City.
 Observations on Genus Unio. Vols. V, VI, 1, 2; VII, 1, 2; VIII, 1, 2; IX, X, XII. By Isaac Lea. 7 vols.
 Novitates Conchologicae, 37-45, 48-58 Lief. By L. Pfeiffer, 3 vols. 1854-1869.
 Novitates Conchologicae and Sup. V, 1-3 Lief. By Dr. E. v. Martens.
 Etudes sur les Mollusques Terrestres et Fluviatiles. Tome Première. Sept. Parte. Tome II. Sept. Pt. 1870, 1877-1878, 1880.
 Monographia Heliceorum Viventium. By L. Pfeiffer. Vols. I-VI, VII. Fasc. 1-3. 6 vols. 1847-1875.
 Monographia Pneumonopomorum Viventi. Sup. Prim. and Sec. 2 vols. 1858-1865.
 Monographia Auriculaceorum Viventium. By L. Pfeiffer. 1856.
 Martini und Chemnitz. 17 parts. 1845-1862.
 " " 2 vols. 1846.
 List of American Writers on Recent Conchology. By G. W. Tryon, Jr. 1866.
 A Report on the Invertebrata of Mass. By A. A. Gould. 1841.
 Report on the Invertebrates of Massachusetts. By A. A. Gould. 1870.
 A Monograph of Terrestrial Mollusca inhabiting U. S. By G. W. Tryon, Jr. 1866.
 The Complete Writings of Thos. Say on Conchology of U. S. By W. G. Binney. 1856, 1858.
 The Terrestrial Air-Breathing Mollusks of U. S. By A. Binney. 3 vols. 1851-1859.
 Remarks on Certain Species of N. A. Helicidae, etc. By Thos. Bland. 1858.
 A Conchological Manual. 4th Edit. By G. B. Sowerby. 1852.
 Catalogue of Shells collected at Panama, with Notes, etc. By C. B. Adams. 1852.
 Index Testaceologicus, etc. By W. Wood. 1856.
 Report on Present State of our Knowledge regarding Mollusca, etc. By P. P. Carpenter. 1857.
 Catalogue of Terrestrial Shells in Collection of W. A. Haines. 1868.
 N. Y. State Museum. Ninth Report on Injurious and other Insects of State of N. Y. 1893.
 8 Pamphlets on Classification of the Achatinellinae. By Rev. J. T. Gulick. 1873.
- D. M. JOHNSON, Pelham Manor, N. Y.
 Report, Superintendent U. S. Coast Survey. 1852-1865. 13 vols. 1853-1867.
 Report, Commissioner of Patents. 1852-'54, 1856-1862. 9 vols.
 Report, Commissioner of Agriculture. 1862-1871, 1874-1883, 1885. 21 vols.
 Third Report U. S. Entomological Commission. Riley. 1883.
 Report of Franklin B. Hough upon Forestry. 1878.
 The History of England from Accession of James II. By T. B. Macaulay. 2 vols. 1849.
 Outline of Geology of Globe and U. S., with 2 Geological Maps. By E. Hitchcock. 1854.
 The Fiscal History of Texas, etc., with Remarks on American Debts. By W. M. Gouge. 1852.
 The American Fruit Culturist. 4th Edit. By J. J. Thomas. 1850.

D. M. JOHNSON, Pelham Manor, N. Y.—*Continued.*

The Magazine of Horticulture, Botany, etc., in Rural Affairs. Vol. XVII. By C. M. Hovey. 1851.

Exploration of Valley of Amazon. By L. Herndon and L. Gibbon. 2 vols. 1853-'54.

Exploration of Red River of Louisiana. 1852. By R. B. Marcy and G. B. McClellan. 1853.

Exploration and Survey, Valley of Great Salt Lake of Utah. By H. Stansbury. 1852.

Military Commission to Europe. 1855 and 1856. By A. Mordecai.

Domestic Medicine, or Family Physician. By W. Buchan, M.D. 1853.

First Annual Report, Geological Survey of Indiana and Maps. 1869.

Report of his Examination of New Mexico. 1846-'47. By J. W. Abert.

Plutarch's Lives. Critical and Historical, and his Life. By J. and W. Langhorne. 1856.

Preliminary Report on Geology and Agriculture of Miss. By L. Harper. 1857.

Tables of Sterling Exchange. 23d Edit. By Gr. Oates. 1851.

Transactions of N. Y. State Agricultural Society. Vol. XXXII. 1872-'76.

Twentieth Annual Report of Ohio State Board Agriculture. 1865.

Proceedings of the Philadelphia Academy of Natural Science. 4 vols. 1856-'59.

First Annual Report of State Viticult., Commission. 1881.

Second Annual Report of State Viticult., Commission. 1882-3, Appendix. I-III. 1883.

The Mining Magazine and Journal of Geology. Vol. I. Nos. 1-5, Sec. Ser. 1859-1860.

Report on the Survey of South Carolina. 1856. By O. M. Lieber.

Descriptions of New Species of Palæozoic Fossils from Lower Helderberg. By J. Hall. 1857.

Annual Report of Geological Survey of State Wisconsin. 1857. By Prof. E. Daniels.

American Geology, containing Principles. Part VI. By E. Emmons. 1857.

Merchant's Magazine and Commercial Review. Vol. 55, No. 3. 1866. By W. B. Dana.

Remarks on Mining Region of Lake Superior, and Report. By W. E. Logan. 1847.

Reports of Geological Survey of Canada. 1844, 1848-'49, 1849-'50, 1850-'51, 1851-'52, 1852-'53.

Transactions of St. Louis Academy of Science. Vol. I, 1-4. 1857-1860.

California State Viticultural Convention. Reports. 1881-1888. 5 vols.

California State Viticultural Commission. Reports. 1881-1884. 2 vols.

Catalogue of Human Crania in collection Academy Natural Science, Philadelphia. By J. A. Meigs. 1857.

Third Annual Report of Geological Survey New Jersey. 1856.

An Account of the Fall of Meteoric Stones at New Concord, Ohio. By E. B. Andrews. 1860.

The Minerals and Mineral Localities of N. C. 1881.

Geological Reconnaissance of the State of Tennessee. By J. M. Safford. 1856.

Geological Map of State of Tennessee. By J. M. Safford.

- D. M. JOHNSON, Pelham Manor, N. Y.—*Continued.*
 Illinois Geological Survey. Abstract of Report on Illinois Coals, etc.
 By J. G. Norwood. 1858.
 Western Horticultural Review. Vol. II. 1852.
 The Horticulturist and Journal of Rural Art and Rural Taste. By
 A. J. Downing. Vol. XV, No. 1. 1860.
 The Horticulturist and Journal of Rural Art and Rural Taste. By J.
 J. Smith. 1856.
 Notice of some Remarks by the late Hugh Miller. 1857.
 Remains of Domestic Animals discovered among Post-Pleiocene
 Fossils in S. C. By F. S. Holmes. 1858.
 Descriptions of New Organic Remains, etc. By F. B. Meek and F.
 V. Hayden. 1858.
- PAUL W. CÆSAR, New Brighton, S. I.
 Conchylienbuch, oder allgemeine und besondere Naturgeschichte. By
 F. Berge. 1850.
 Altowan; or Incidents of Life and Adventure in Rocky Mts. By
 J. W. Webb. 2 vols. 1846.
 Versuch einer physischen Chemie, etc. By J. F. A. Göttling. 1792.
 Naturgeschichte des Steinreichs. By Dr. K. C. v. Leonhard. 1846.
 Der Pflanzensammler. By A. Rudolphi. 1857.
 Popular Astronomy. By O. M. Mitchel. 1860.
 Anleitung die im Mittleren und Nördlichen Deutschland Wildwach-
 senden Pflanzen. By P. F. Cürrie. 1840.
 The Physiology of Common Life. By G. H. Lewes. 1860.
 Naturgeschichte der drei Reiche. By Dr. H. Gräfe. 2 vols. 1841.
 Tellus, oder Theorien aus der Schöpfungsgeschichte der Erde. By
 Dr. A. Sonnenburg. 1845.
 Populäre Mineralogie, etc. By Ch. F. Hochstetter. 1836.
 Gemeinnützige Naturgeschichte. By Dr. H. O. Lenz. 1839.
 Fremont's Oregon and California Expedition. 1842. By J. C.
 Fremont.
 Sketch of the Progress of Physical Science. By Thos. Thomson. 1843.
- G. PINCHOT (the author), New York City.
 Biltmore Forest. Property of G. W. Vanderbilt. 1893.
- GEO. N. LAWRENCE (the author), New York City.
 On the Validity of *Chrysotis canifrons*. 1893.
- PROF. A. E. VERRILL (the author), New Haven, Conn.
 Report upon Invertebrate Animals of Vineyard Sound, etc. 1874.
 Second and Third Catalogue of Mollusca, recently added to Fauna of
 New England. 1884-1885.
 Notes on the Radiata in the Museum of Yale College. 1868.
 Notes on the Remarkable Marine Fauna, Southern Coast of New Eng-
 land, etc. 1884.
 Physical Characters of Portion Continental Border beneath Gulf
 Stream, etc. 1884.
 Synopsis of N. A. Fresh Water Leeches. 1874.
 List Deep-Water and Surface Mollusca from East Coast U. S.
 Catalogue Marine Mollusca, added to Fauna of New England. 1882.
 The Cephalopods of N. E. Coast of America. Part II. 1881.
 The Marine Nemerteans of New England and adjacent waters. 1892.
 Notes on Radiata in Museum of Yale College. 1871.
 New England Annelida. Historical Sketch, etc. Part I. Plates
 III-XII. 1881.
 Echinoderms. Comparison of Tropical Faunæ of East and West
 Coasts of America. 1870.

PROF. A. E. VERRILL (the author), New Haven, Conn.—*Continued.*

Additional Note on the Rules of Nomenclature.

Discovery of an Octopus inhabiting Coast of New England. 1873.

Mollusca, with Notes on Annelida, etc. Parts II, V. 1880.

Additional Observations on Parasites of Man and Domestic Animals.

Report. Collections Fresh Water Leeches during 1872, '73 and '74.

Note on Borings of a Sponge in Italian Marble.

Partial List of Pamphlets and Scientific Papers. 1880-'85.

1st and 2d Supplementary Check List of New England Invertebrata. 1882.

On Zoölogical Affinities of the Tabulate Corals.

Classification of Polypi. Extract Synopsis North Pacific Exploring Expedition.

On new and imperfectly known Echinoderms and Corals. 1869.

Notice on some Dredgings made near Salem by Dr. A. S. Packard. 1874.

Explorations of Casco Bay, by U. S. Fish Commission in 1873.

Brief Contributions to Zoölogy. Nos. XV-XXII, XXIV, XXVI-XXIX, XXXV-XXXVI, XXXVIII-XLV, XLVII-LII, LIV-LVII, and Extra Series. 1866-1880.

Recent Additions to Molluscan Fauna of New England and adjacent waters. 1872.

Synopsis of Cephalopoda of N. E. Coast of America. No. 46. 1880.

Occurrence of an additional specimen of Architenthis at Newfoundland.

Occurrence of another gigantic Cephalopod on Coast of Newfoundland. 1877.

Critical Remarks on the Halcyonoid Polypi in Museum of Yale College. 1868.

Occurrence of Fossiliferous Tertiary Rocks on Grand Bank. 1878.

Remarks on certain errors in Mr. Jeffrey's Article, "Mollusca." 1873.

Corals and Coral Islands, by J. D. Dana. Reply to Criticism. 1873.

Description of Sclerostoma pinquicolo, a new species of Entozoa from Hog. 1870.

Notice of Invertebrata dredged in Lake Superior in 1871, by U. S. Lake Survey.

Note on some of the Starfishes of New England Coast. 1876.

Occurrence of Gigantic Cuttle-fishes on Coast of Newfoundland.

Occurrence at Newport. Two little specimens European Shells.

Description of two species Octopus from California. 1883.

Report on the Cephalopods and some additional Species. 1881.

Asterias Atlantica, Leptasterias Harttii.

Description New Cephalopoda by Kirk.

Contributions to a Fauna Canadensis, etc. 1872.

On a collection of Land Mollusca from Island of Dominica, W. I. By H. A. Pilsbry. 1892.

PROF. J. A. ALLEN, New York City.

American Field. Vol. XXXI, 20-26; XXXV, XXXVI, 1-19, 21-26; XXXVII, XXXVIII, XXXIX, 1-5. 3 vols. 1889-1893.

Forest and Stream. Vol. XXXV, 1-19, 21-26. XXXVI, XXXVII, 1-24, XXXVIII, XXXIX, XL, XLI, XLII, XLIII, 1-6, 8. 6 vols. 1890-1894.

Shooting and Fishing. Vol. XIV, Nos. 11-26. Vol. XV, 1-8. 1893.

PROF. H. F. OSBORN, New York City.

Observations on the Embryology of Insects and Arachnids. By A. T. Bruce. 1887.

WILLIAM BEUTENMÜLLER, New York City.

Maine Agricultural Experiment Station. Bulletins 5, 6, Sec. Ser. 1894.

Popular Science News and Boston Journal of Chemistry. Vol. XXVII, 5. 1893.

Description of a new Tree-Cricket. 1894.

Preliminary Hand-Book of Coleoptera of North Eastern America. 1894.

Report of the Commissioner of Education. 1877, 1879, 1882-'83, 1886-'87, Vols. I, II; 1888-'89; I, II, 1889-'90; I, II, 1890-'91. 10 vols. 1879-'94.

Report Superintendent U. S. Coast Survey. 1853, 1855, 1862, 1864-'66, 1870-'82. 20 vols. 1854-1883.

Report of the Secretary of War. Vol. II, Pts. 1, 2. 1876-'77. 2 vols.

Report on Forestry. 1877. Vol. II, 1878-'79; Vol. III, 1882. 4 vols.

Twelfth Annual Report U. S. Geological and Geographical Survey. 1878. Parts I, II. Hayden. 2 vols. 1883.

Report on Machinery and Manufactures. By Robt. H. Thurston. Vols. III, IV. 1875-'76.

Report on Primary Triangulation of U. S. Lake Survey. 1882.

Department Interior. Annual Report. 18, 19, 22, 23, 25, 1886-'87. '90-'93. 5 vols.

Investigation of Diseases of Swine, infectious and contagious diseases, etc. 3 vols. 1879-1880.

Annual Report, Geographical Survey U. S. in California, etc. Wheeler app. P.P. U.U. F.F. and Maps. 2 vols. 1874-1880.

Seventh to Tenth and Twelfth Annual Reports of Geological Survey Indiana. 1876-1883.

Report of the Commissioner of Agriculture. 1874.

Report of the Commissioner of Patents. 1854.

Contagious Diseases of Domesticated Animals. 1881.

Annual Report, Chief Engineers to Secretary of War. Part II. 1877.

A Treatise on the Artificial Propagation of Fish. By T. Garlick. 1858.

Report on the principal Fisheries of the American Seas. By L. Sabine. 1853.

Report on the Mineral Resources of U. S. By J. R. Browne. 2 vols. 1867-'68.

Report on Bridging the Mississippi River, etc. 1878.

The Documentary History of State of New York. By C. Morgan. 1850.

Sanitary and Statistical Report of Surgeon-General of the Navy. 1879. 2 vols. 1881-1882.

Annual Report of Supervising Architect of Treasury. 1877.

A Manual of Elementary Geology, etc. By C. Lyell. 1853.

Report on Transportation Route along Wisconsin and Fox Rivers. 1876.

Report of Commissioners of Agriculture, 1871, 1872. 2 vols.

Professional Papers of Signal Service. Nos. II, 5; VI-XIV, XVI, XVIII. 1881-1885.

Contributions to the Extinct Vertebrate Fauna of Western Territories. Vol. I. By Jos. Leidy. 1873.

Bureau of Education. Circular of Information. Nos. 7, 11, 12, 1871; 1, 6, 11, 1872; 1873, Nos. 2, 4; 1874, 1, 3; 1875, 1-8; 1877, 1, 2; 1876, 1878, 1, 2; 1879, 3-5; 1880, 1; 1882, 1-5; 1884, 1, 3, 6, 7; 1885, 5; 1886, 1, 2; 1887, 1; 1888, 4-8.

WILLIAM BEUTENMÜLLER, New York City.—*Continued.*

War Department. Signal Service Notes. Nos. I-IV, VI-VIII, X-XIII, XV-XIX, XXII, XXIII. 1885.

List Agricultural Societies and Farmers Clubs. 1876.

Florida, its Climate, Soil, Productions, etc. 1882.

Report on Climatic and Agricultural Features, Arid Regions, Pacific Slope. 1882.

Special Reports, Department Agriculture, Nos. 1, 4, 18, 26, 31, 33, 47, 62, 63. 1877-1883.

The Eucalyptus Globulus, Introduction, Culture and Uses. 1875.

Annual Report of Department of Fisheries, Fourth, Sixth-Ninth, Eleventh. 1872-1880.

Systematic Catalogue of Vertebrata of the Eocene of New Mexico, collected in 1874.

Report of Geological Survey of Alabama. 1876, '77-'82. 5 vols.

Report of Geological and Natural History Survey of Minnesota. 1875, '80, 89-'91. 4 vols.

Progress of Western Education in China and Siam. 1880.

Vacation Colonies for Sickly Children. 1880.

International Educational Congress, Brussels, Belgium, Aug. 22, 1880.

Educational Tour in France. 1880.

Indian School at Carlisle Barracks. 1880.

Natural Science in Secondary Schools. 1882.

Instruction in Morals and Civil Government. 1882.

National Pedagogic Congress of Spain. 1882.

High Schools for Girls in Sweden. 1882.

Planting Trees in School Grounds. 1883.

Building for the Children in the South. 1884.

Preliminary Circular respecting Exhibition of Education. 1884.

Report, Director American School Classical Studies, Athens. 1882-'83.

Answer to inquiries U. S. Bureau Education. By C. Warren, M.D. 1883.

N. and N. W. Lakes, Comstock. Annual Report. App. S, Z, BB, CC, HH, JJ, LL, MM, OO, SS, TT, 1872-1881.

Valley Minn. and Mississippi River to Junction of Ohio. Bvt. Maj.-Gen. G. K. Warren. 1878.

Report Reconnaissance Black Hills, Dakota, 1874. Ludlow. App. PP. 1875.

Preliminary Report upon Invertebrate Fossils collected, 1871, '72 and '73.

Report on Ancient Ruins S. W. Colorado. 1875, '76. W. H. Holmes. 1879.

Supplement and Bibliography N. A. Invertebrate Palæontology. C. A. White and H. A. Nicholson. 1878-'79.

Geological Report on Exploration of Yellowstone and Missouri Rivers. Hayden. 1859-'62.

4th and 5th Report on Yellowstone National Park. Norris. 1880-'81.

Report on Ancient Ruins. 1875 and 1877. Jackson.

Annual Report Surveys N. and N. W. Lakes, including T. T. Poe. 1883.

Annual Report Sup. Yellowstone National Park. 1880, 1882.

The Mineral Wealth, Climate and Rain-fall, etc., Black Hills, Dakota. 1876.

Preliminary Report on Palæontology, Black Hills. R. P. Whitfield. 1877.

Preliminary Field Work of U. S. Geographical and Geological Survey. 1877.

Preliminary Report Explorations in Nebraska and Dakota. 1855-'57.

- WILLIAM BEUTENMÜLLER, New York City.—*Continued.*
 Logarithms, Traverse and Altitude Tables. 1875.
 Congressional Directory. By Ben: P. Poore. 1882.
 Public Libraries in U. S. America. Their history, etc. Special Report. Part II. 1876.
 Instructions for Observing Transit of Venus, Dec. 6, 1882.
 Statistics of production of Precious Metals in U. S. By Clarence King. 1881.
 Notes on some species N. A. Orthoptera. 1894.
 American Agriculturist. 15 Nos. 1885.
- MISS ELLEN COLLINS, New York City.
 The Fauna of the Deep Sea. By S. J. Hickson. 1894.
- C. B. ISHAM, New York City.
 La République Orientale de L'Uruguay. By Le Comte de Saint Foix.
 The Oriental Republic of Uruguay at World's Columbian Exhibition, 1893.
- WILLIAM DUTCHER (the author), New York City.
 The Labrador Duck. Another specimen with additional data. 1894.
- M. H. SAVILLE, New York City.
 The N. A. Review. 3 Odd Nos.
 The Plumed Serpent in Northern Mexico. 1894 (the author).
 The Ceremonial Year of the Maya, &c. 1894 (the author).
- E. O. HOVEY (the author), New York City.
 A Study of the Cherts of Missouri. 1894.
- I. B. SNIFFIN, New York City.
 The American Nation. Illustrated. By J. G. Shea. 1862.
 Our Police Protectors, History, etc. By A. E. Costello. 1885.
 Obsequies of Abraham Lincoln in City N. Y. By D. T. Valentine. 1866.
 The National Banks of the United States. 1864.
- T. EWING, New York City.
 The Struggle for Freedom in Kansas. 1894.
 The Sacred Symbols and Numbers of Aboriginal America. By F. Parry. 1894.
- MRS. B. B. HIGGINS, New York City.
 Kupfer zu den Schmetterling. VII, VIII Theil. By Ludwig Schmidt.
- PROF. JAMES HALL, Albany, N. Y.
 Eleventh and Twelfth Annual Reports, State Geologist. 1891, 1892.
 Palæontology of New York. Vol. VIII, Part 2. Fasc. 1. 1893.
- MUNN & CO., New York City.
 Scientific American Supplement. 1894.
- DANIEL DRAPER, Ph.D., Director New York Meteorological Observatory.
 Self-Recording Readings. 1893, 1894.
 Annual Tables. 1893.
 Annual Report. 1894.
- DR. JOSEPH WIENER, New York City.
 Fundamentum Historiæ Naturalis Muscorum, etc. By D. J. Hedrigii. 2 Vols. in one. 1782.
- A. S. TIFFANY (the author), New York City.
 3 Pamphlets.
- PROF. J. A. LINTNER (the author), Albany, N. Y.
 Eighth Report on the Injurious and other Insects, N. Y. 1891.

- C. H. PECK, Albany, N. Y.
45th and 46th Annual Report State Botanist of N. Y. 1893.
- F. H. LATTIN (the editor), Albion, N. Y.
The Oölogist. Vol. XI. 1894.
- W. B. SCOTT (the author), Princeton, N. J.
On the Osteology of Mesohippus and Leptomeryx, etc. 1891.
On the Osteology of Pœbrotherium. 1891.
On some New and Little Known Creodonts. 1886.
Notes on the Osteology and systematic position of Dinictis Felina,
Leidy. 1889.
Crevalces Americanus, Fossil Moose, or Elk from Quarternary of N. J.
1885.
On some new Forms of the Dinocerata. 1886.
The Evolution of the Premolar Teeth in the Mammals. 1892.
A Revision of N. A. Creodonta, with notes of some Genera. 1892.
- E. F. BIGELOW (the editor), Portland, Conn.
The Observer. Vol. V. 1894.
- C. E. BEECHER (the author), New Haven, Conn.
The Appendages of the Pygidium of Triarthrus. 1894.
On Mode of Occurrence and Structure of Triarthrus. 1894.
- E. C. JONES (the author), Augusta, Me.
In Memoriam : Col. Charles C. Jones, Jr., LL.D., Historian, etc.
1893.
- F. B. WEBSTER (the editor), Hyde Park, Mass.
The Ornithologist and Oölogist. Vol. XVIII ; Nos. 8-10. 1893.
- E. S. MORSE (the author), Salem, Mass.
2 Pamphlets. 1893.
- A. P. MORSE (the author), Wellesley, Mass.
Spharagemon. A Study of the New England Species. 1894.
- F. W. PUTNAM, Cambridge, Mass.
The Peabody Museum of American Archæology and Ethnology.
1894.
- S. H. SCUDDER (the author), Cambridge, Mass.
The Effect of Glaciation and Glacial Period on present Fauna of
N. A. 1894.
- A. S. PACKARD (the author), Providence, R. I.
A Study of the Transformation and Anatomy of *Lagoa crispata*, a
Bombycine Moth. 1894.
- BENJAMIN S. LYMAN (the author), Philadelphia, Pa.
Age of the Newark Brownstone. 1894.
The Name "Newark" in American Stratigraphy. 1893.
Some New Red Horizons. 1894.
Some Coal Measure Sections near Peytona, West Virginia. 1894.
1 Pamphlet. 1894.
- H. C. MERCER (the author), Philadelphia, Pa.
3 Pamphlets.
- C. B. MOORE (the author), Philadelphia, Pa.
Certain Shell Heaps of the St. John's River, Florida. 1894.
- D. G. BRINTON (the author), Philadelphia, Pa.
On Various Supposed Relations between American and Asian Races.
1894.
The Alphabets of the Berbers. 1894.
The "Nation" as an Element in Anthropology. 1894.

- V. STERKI (the author), New Philadelphia, Ohio.
The Land and Fresh Water Mollusca in vicinity of New Philadelphia.
1894.
- A. W. BUTLER (the author), Brookville, Ind.
The Range of the Crossbill in the Ohio Valley. 1892.
- J. MOORE (the author), Richmond, Ind.
The Recently Found *Castoroides* in Randolph Co., Indiana. 1893.
- D. H. RANCK PUBLISHING CO., Chicago, Ill.
The Stone. Vols. VIII, 2-6; IX, 1-5; X, 1. 1894.
- C. H. GORDON, Evanston, Ill.
Quaternary Geology of Iowa. Rock Structure. 1892.
On Keokuk Beds at Keokuk, Iowa. 1890.
Observations on Keokuk Species of *Agaricocrinus*. 1890.
- D. G. ELLIOT (the author), Chicago, Ill.
The Life and Services of John James Audubon. 1893.
- I. C. RUSSELL (the author), Chicago, Ill.
Second Expedition to Mount Saint Elias. 1894.
- A. H. THOMPSON (the author), Topeka, Kan.
The Origin and Evolution of the Human Face, etc.
- C. G. HANKS (the author), San Francisco, Cal.
Two Photographs of Minerals. 1893.
- C. R. ORCUTT, San Diego, Cal.
The West American Scientist. Vol. VIII, 69-73. 1894.
- O. L. ORCUTT (Mrs.), San Diego, Cal.
Out of Doors for Women. Vol. I, 2.
- J. LE CONTE (the author), Berkeley, Cal.
1 Pamphlet. 1893.
- C. D. WALCOTT (the author), Washington, D. C.
Notes on Cambrian Rocks of Pennsylvania. 1894.
On Occurrence of *Olenellus* in Green Pond, etc. 1894.
Geologic Time as Indicated by Sedimentary Rocks of N. A. 1893.
Paleozoic Intra-Formational Conglomerates. 1894.
- HENRY M. AMI (the author), Ottawa, Can.
Notes on Fossils from Quebec City, Canada. 1894.
Catalogue of Silurian Fossils from Arisaig, Nova Scotia. 1892.
The Utica Terrane in Canada. 1892.
On the sequence of Strata forming the Quebec Group of Logan, etc.
1891.
Notes and description of some new or hitherto unrecorded species of
Fossils from Cambro-Silurian, etc. 1892.
On the Geology of Quebec City, Canada. 1891.
Notes on the Gasteropoda of the Trenton Limestone of Manitoba, etc.
1893.
Additional Notes on Geology and Palæontology of Ottawa, etc. 1892.
The Fossil Insects of North America. Vols. I, II. By Prof. S. H.
Scudder. 1893.
O. F. N. C. Report of Geological Branch. 1893.
Notes on collection of Silurian Fossils from Cape George, N. S. 1894.
- FRANK RUTLEY (the author), London, Eng.
On the sequence of Perlitic and Spherulitic Structures. 1894.
Granites and Greenstones. 1894.
On the origin of certain Novaculites and Quartzites. 1894.

PRESIDENT PORFIRIO DIAZ of Mexico.

Antigüedades Mexicanas publicadas por la Junta Colombina de México en el cuarto centenario del descubrimiento de América. Text and Atlas.

W. E. CLARKE, Edinburgh, Scotland.

Annals. Nos. 9-12. 1894. Scottish Natural History.

M. COSSMAN, Paris, France.

Réponse aux observations de M. E. Vincent sur le *Gilbertia Inopinata*. 1891.

Revision Sommaire de la Faune du Terrain Oligocène Marin, etc. 1891.

" " " " " " " en Suite. 1892.

Gastropodes (Tome VII, 1890) Ext. L'Ann. Géol. Univ. 1892.

Appendice, No. 1 an Catalogue Illustré des Coquilles Fossiles, etc. 1893.

H. DE SAUSSURE (the author), Geneva, Switzerland.

Additamenta ad Prodrum Oedipodiorum. 1888.

Prodrum Ôe-dipodirum insectorum ex ordine orthopterorum. 1884.

Coup d'œil sur l'hydrologie du Mexique, etc. 1862.

MARG. ANTOINE DE GREGORIO, Palermo, Italy.

Notes Complémentaire sur la Faune Eocénique de l'Alabans. By M. Cossmann. 1893.

Gasteropodes. 1893-'94. By M. Cossmann.

Revision Sommaire de la fauna du terrain oligocene Marine, etc. By M. Cossmann. 1893.

Su taluni nuovi strumenti fisici e meteorologica, etc. The author. 1893.

Monte Cuccio, 20 Maggio, 1894. The author.

L'Alpinismo in Sicilia. The author. 1892.

Note sur la *Rostellaria sublaevigata* desh. du bassin de Paris, etc. The author. 1894.

Breve Nota su talune conchiglie mediterranee. The author.

Sul genere *Pectunculus* e precipuamente sulle specie viventi, etc. The author.

Su taluni fossili eocenici dei dintorni di Bassano dell'orizzonte, etc. The author.

Esame di taluni Molluschi viventi e terziari del Bacino Medit. The author. 1889.

Nota su taluni coralli del terziario inferiore di Sicilia di Velo. The author. 1894.

Fossili Titonici (Stramberg Schichten) del Bianci di Roveré di Velo. The author. 1885.

F. AMEGHINO (the editor), La Plata, S. A.

Revista Argentina de Historia Natural. Tomo I, Entrega, 1-6. 1891.

ALBERT I^{er} PRINCE SOUVERAIN DE MONACO.

Résultats des Campagnes Scientifiques du Prince de Monaco. Fascicule V, VI, 1893; VII, Première Partie, 1894.

R. L. JACK, Brisbane, Australia.

Geological Map of Charters Towers Goldfield* and Report. 1894.

Geology of Queensland. Reports. C. A. 36, 37, 43, 44. 1894.

N. A. COBB (the author), New South Wales, Australia.

Tricoma and other New Nematode Genera. 1893.

C. R. OSTEN-SACKEN (the author), Heidelberg, Germany.

5 Pamphlets on Entomology.

On the ataric index characters, with remarks, etc., on Diptera. 1894.

On the Oxen-Born Bees of the ancients (*Bugonia*), etc. 1894.

- DR. FRANZ BAUR (the editor), Berlin, Germany.
Forstwissenschaftliches Centralblatt. 1894.
- R. FRIEDLANDER and SOHN, Berlin, Germany.
Naturae Novitates. Jahrg. XV. 22-24, 1893; XVI, 1-19, 1894.
Bericht, über die Verlagsthatigkeit. Nos. XXVIII, 1893; XXIX, XXX, 1894.
- G. HOLM (the author), Stockholm, Sweden.
Sveriges kambrisk-Silurioka Hyolithidæ och Conularidæ. 1893.
- F. AMEGHINO (the author), Buenos Ayres, S. A.
Énumération Synoptique des espèces Mammifères Fossiles, etc., Patagonie. 1894.
- AMERICAN CHEMICAL SOCIETY, New York City.
Journal. Vol. XVI. 1894.
- AMERICAN GEOGRAPHICAL SOCIETY, New York City.
Bulletin. Vol. XXV, 4, Pt. 2, 1893; XXVI, 1-3, 1894.
- AMERICAN INSTITUTE OF MINING ENGINEERS, New York.
Transactions. Vols. XXII, XXIII. 1894.
105 Pamphlets. 1894.
- NEW YORK ACADEMY OF SCIENCES, New York City.
Annals, Vol. VI, Index; VII, 6-12; VIII, 4. 1894.
Transactions. Vol. X, 6-8; XI, 1, 2, 6-8; XIII, 1893-'94.
- NEW YORK MICROSCOPICAL SOCIETY, New York City.
Journal. Vol. X, 1-3. 1894.
- TORREY BOTANICAL CLUB, New York City.
Bulletin. Vol. XXI. 1894.
- MERCANTILE LIBRARY ASSOCIATION, New York City.
Seventy-third Annual Report. 1893.
Bulletin. No. 15. 1894.
- NATIONAL ACADEMY OF DESIGN, New York City.
Catalogue Sixty-ninth Annual Exhibition. 1894.
- AMERICAN SOCIETY FOR THE PREVENTION OF CRUELTY TO ANIMALS, New York City.
Twenty-eighth Annual Report. 1894.
Our Animal Friends. Vol. XXI, 5-12; XXII, 1-4. 1894.
- LENOX LIBRARY, New York City.
Twenty-fourth Annual Report. 1894.
- NEW YORK ENTOMOLOGICAL SOCIETY, New York City.
Journal. Vol. II, 1-3. 1893.
- LINNEAN SOCIETY, New York City.
Abstract of Proceedings. No. 6. 1893-'94.
- AMERICAN NUMISMATIC AND ARCHÆOLOGICAL SOCIETY, New York City.
Proceedings and Papers. Thirty-fifth Annual Meeting. 1893.
- NEW YORK FREE CIRCULATING LIBRARY, New York City.
First, Seventh, Ninth, Tenth, Twelfth-Fourteenth Annual Reports. 1880-'90.
- SCIENTIFIC ALLIANCE, New York City.
Fourth Annual Directory. 1894.
- TEACHERS' COLLEGE, New York City.
Bulletin. Nos. 2, 3. 1894.

- DEMILT DISPENSARY, New York City.
Forty-third Annual Report. 1893.
- NATIONAL BANK OF COMMERCE, New York City.
Thirtieth Annual Statement. 1894.
- NATURAL SCIENCE ASSOCIATION, New Brighton, Staten Island, N. Y.
Proceedings. 1894.
Proceedings—Special. No. 18. 1894.
- CORNELL UNIVERSITY, Ithaca, N. Y.
Library Bulletin. Vol. III, Nos. 6, 7. 1894.
Agricultural Experiment Station.
Bulletin. LX, LXI, LXV-LXXVII. 1893-'94.
- N. Y. STATE LIBRARY, Albany, N. Y.
Bulletin. Legislative, Nos. 2, 4. 1894.
- N. Y. STATE MUSEUM, Albany, N. Y.
Annual Reports. 1891, 1892.
- BUFFALO HISTORICAL SOCIETY, N. Y.
Annual Report. 1894.
- BUFFALO SOCIETY OF NATURAL SCIENCE, N. Y.
Annual Report. 1894.
Bulletin. Vol. V, 4. 1894.
- COLGATE UNIVERSITY, Hamilton, N. Y.
Circular of Information. 1893-'94.
- ROCHESTER ACADEMY OF SCIENCES, N. Y.
Proceedings. Brochure 3. 1893-'94.
- GEOLOGICAL SOCIETY OF AMERICA, Rochester, N. Y.
Bulletin. Vol. V. 1893-'94.
- N. J. AGRICULTURAL EXPERIMENT STATION, New Brunswick.
Bulletin. XCVII-CI, CIII. 1893.
- N. J. STATE MICROSCOPICAL SOCIETY, New Brunswick.
Abstract of the Minutes. 1894.
- ACADEMY OF NATURAL SCIENCE, Philadelphia, Pa.
Proceedings. Parts II, III. 1893-'94.
Journal. Vols. IX, 2, 3; X, 1, 2. 1888-1894.
- ZOOLOGICAL SOCIETY OF PHILADELPHIA, Pa.
Twenty-second Annual Report. 1894.
- GEOLOGICAL SURVEY OF PENNSYLVANIA, Harrisburg.
5 Geological Maps of Schuylkill, etc. 1891.
Atlas Summary. Final Report. 14 Maps. 1893.
- AMERICAN PHILOSOPHICAL SOCIETY, Philadelphia, Pa.
Proceedings. Vols. XXXI, 142; XXXIII, 144, 145. 1893-'94.
- UNIVERSITY OF PENNSYLVANIA, Philadelphia.
Report. Archæology and Palæontology. 1894.
- LIBRARY CO., of Philadelphia, Pa.
Bulletins. 1888, 1889.
- WYOMING HISTORICAL AND GEOLOGICAL SOCIETY, Pa.
Union Services at the old Forty Fort Church. 1888.
- WYOMING COMMEMORATIVE ASSOCIATION, Pa.
Historical Address, Wyoming Monument. 1893.
- PORTLAND LIBRARY ASSOCIATION, Maine.
Our Library. Vol. I, 5-12. 1894.

- SOCIETY OF NATURAL HISTORY, Portland, Maine.
Proceedings. Nos. 2, 4, 9, 10, 15. 1881-'89.
- MAINE AGRICULTURAL EXPERIMENT STATION, Orono.
Bulletins. Nos. 5-13. 1894.
- CONNECTICUT STATE BOARD OF AGRICULTURE, Hartford.
Twenty-seventh Annual Report. 1893.
- FLETCHER FREE LIBRARY, Burlington.
Second-Eighth, Thirteenth, Sixteenth, Eighteenth and Twentieth
Annual Reports. 1876-1892, 1894.
- VERMONT STATE AGRICULTURAL EXPERIMENT STATION,
Burlington.
Bulletin. Nos. 40-42. 1893-1894.
Seventh Annual Report. 1893.
- VERMONT UNIVERSITY AND STATE AGRICULTURAL COL-
LEGE, Burlington.
Catalogue. 1893-'94.
- STATE OF VERMONT, Montpelier.
Journal of Senate. 1856.
- MUSEUM OF COMPARATIVE ZOÖLOGY, Cambridge, Mass.
Bulletin. Vol. XXV, 4-11. 1894.
Annual Report. 1892-1893.
- HARVARD COLLEGE ASTRONOMICAL OBSERVATORY, Cam-
bridge, Mass., Prof. E. C. PICKERING, Director.
Annals. Vol. XXXV. 1894.
- BOSTON SOCIETY OF NATURAL HISTORY, Massachusetts.
Memoirs. Vol. III, 14. 1894.
Proceedings. Vol. XXVI, Parts II, III. 1893-'94.
- APPALACHIAN MOUNTAIN CLUB, Boston, Mass.
Appalachia. Vol. VII, 3. 1894.
The Register. 1894.
- MASS. STATE BOARD OF AGRICULTURE, Boston.
Forty-first Annual Report. 1894.
- WORCESTER SOCIETY OF ANTIQUITY, Massachusetts.
Proceedings. No. XLI. 1893.
- SALEM PUBLIC LIBRARY, Salem, Mass.
Trustees' Report. 1893.
- ESSEX INSTITUTE, Salem, Mass.
Bulletin. Vol. XXV, 7-12; XXVI, 1-3. 1894.
- CITY LIBRARY ASSOCIATION, Springfield, Mass.
Library Bulletin. Vol. IX, 2-6; XXI, 1. 1893-'94.
Thirty-third Annual Report. 1894.
- AMERICAN ACADEMY OF ARTS AND SCIENCES, Boston, Mass.
Proceedings. N. S. Vol. XX, XXI. 1893-'94.
- TUFT'S COLLEGE, Massachusetts.
Studies. Nos. 1-3. 1894.
- MERIDEN SCIENCE ASSOCIATION, Connecticut.
Transactions. Vol. V. 1893-'94.
- CINCINNATI SOCIETY OF NATURAL HISTORY, Cincinnati, O.
Journals. Vol. XVI, 4; XVII, 1-3. 1894.
- OHIO AGRICULTURAL EXPERIMENTAL STATION, Columbus.
Twelfth Annual Report. 1893.
Bulletin. 50-54. 1893-'94.

- ILLINOIS STATE BOARD OF AGRICULTURE, Springfield.
Circulars. 163, 164, 166. 1893-'94.
- ILLINOIS STATE MUSEUM OF NATURAL HISTORY, Springfield.
Bulletins. Nos. 3-5. 1894.
- ILLINOIS STATE LABORATORY OF NATURAL HISTORY, Peoria.
Bulletin. Vol. III, Articles XIII, XIV. 1892.
- ILLINOIS.
Revised Catalogue of Exhibitors. 1893. World's Fair.
- IOWA ACADEMY OF SCIENCES, Des Moines.
Proceedings. Vol. I, Part IV. 1893.
- IOWA GEOLOGICAL SURVEY, Des Moines.
Coal Deposits of Iowa. By C. R. Keyes. Vol. II. 1894.
- DAVENPORT ACADEMY OF NATURAL SCIENCE, Illinois.
Proceedings. Vol. VI, Part I. 1893.
- MINNESOTA GEOLOGICAL AND NATURAL HISTORY SURVEY.
Geological Section. Twenty-first Annual Report. 1892.
" " Bulletin. No. 10. 1894.
- INDIANA ACADEMY OF SCIENCE, Brookville.
Proceedings. 1892, 1893.
- INDIANA.
Final Report. 1894. World's Fair.
- INDIANA DEPARTMENT OF GEOLOGY AND NATURAL RE-
SOURCES, Indianapolis.
Eighteenth Annual Report. 1893.
- MICHIGAN AGRICULTURAL EXPERIMENT STATION, Agricultural
College.
Bulletins 100-117. 1893-'94.
- CHAMBER OF COMMERCE, Grand Rapids, Mich.
Grand Rapids as It Is. 1894.
- WISCONSIN ACADEMY OF SCIENCE, Madison.
Transactions. Vol. IX, Part II. 1893.
- WISCONSIN STATE HISTORICAL SOCIETY, Madison.
Forty-first Annual Report. 1894.
- MILWAUKEE PUBLIC MUSEUM, Wisconsin.
Eleventh Annual Report. 1892-'93.
- THE CARL E. AKELEY CO., Milwaukee, Wis.
Scientific and Decorative Taxidermy.
- UNIVERSITY OF THE STATE OF MISSOURI, Jefferson City.
Fifty-second Report of the Curators. 1893-'94.
- MISSOURI BOTANICAL GARDEN, St. Louis.
Fifth Annual Report. 1894.
Leitneria Floridana. By W. Trelesse. 1894.
- ST. LOUIS ACADEMY OF SCIENCE, Missouri.
Transactions. Vol. VI, 12-17. 1894.
Report. 1893.
- JOHNS HOPKINS UNIVERSITY, Baltimore, Md.
Circular. Vol. XIII, 109-115. 1893-'94.
- E. MITCHELL SCIENTIFIC SOCIETY, Raleigh, N. C.
Journal. Tenth Year. Parts I, II. 1893.

- NORTH CAROLINA AGRICULTURAL EXPERIMENT STATION,
Raleigh.
Bulletin. Nos. 93, 95-100, 108. 1894.
Annual Reports. 7th, 16th. 1893.
- GEOLOGICAL SURVEY OF ALABAMA, Montgomery.
Reports. 1893, 1894.
Geological Map of Alabama, with Chart. 1894.
- LOUISIANA STATE EXPERIMENTAL AGRICULTURAL STA-
TION, Baton Rouge.
Bulletin. Nos. 23-30. 1894.
- KENTUCKY INSPECTOR OF MINES, Frankfort.
Tenth Annual Report. 1893.
- KANSAS STATE AGRICULTURAL COLLEGE, Manhattan.
The Industrialist. Vol. XIX, 16, 18-39, 41, 42; XX, 1-7, 9-11,
13-17. 1894.
- KANSAS UNIVERSITY, Lawrence.
University Quarterly. Vol. II, 3, 4; III, 1, 2. 1894.
Third Annual Report. 1893.
- KANSAS.
Report Kansas Board, World's Fair. 1894.
- ARKANSAS GEOLOGICAL SURVEY, Little Rock.
Annual Report. Vol. II, 1891-'92. 2 vols.
- UNIVERSITY OF VIRGINIA, Charlottesville, Va.
Catalogue for 1893-'94.
- CALIFORNIA STATE MINING BUREAU, Sacramento.
Catalogue California Fossils. Parts II-V. 1894.
- UNIVERSITY OF CALIFORNIA, Sacramento.
Annual Report. 1893.
- CALIFORNIA AGRICULTURAL EXPERIMENT STATION, Sacra-
mento.
Report. 1891-92.
- UNIVERSITY OF CALIFORNIA, Berkeley.
Studies. Vol. I, Part II.
Bulletin. Vol. I, Nos. 5-7. 1894.
Library Bulletin. No. 12. 1894.
- SAN FRANCISCO PUBLIC LIBRARY, Cal.
Report. 1893.
- CALIFORNIA ACADEMY OF SCIENCES, San Francisco.
Proceedings. Vol. IV. 1894.
- COLORADO SCIENTIFIC SOCIETY, Denver.
8 Signatures. 1893-'94.
- HELENA PUBLIC LIBRARY, Montana.
Bulletin. Nos. 6-9. 1894.
- NATIONAL ACADEMY OF SCIENCES, Washington, D. C.
Memoirs. Vol. VI, Fifth to Eighth.
- BIOLOGICAL SOCIETY OF WASHINGTON, D. C.
Proceedings. Vol. IX, Pts. 89-97, 129-132. 1894.
- SMITHSONIAN INSTITUTION, Washington, D. C.
The Internal Work of the Wind. By S. P. Langley. 1893.
Index to Genera and Species of Foraminifera. Pt. I. A to non.
1893. By C. D. Sherborn.

SMITHSONIAN INSTITUTION, Washington, D. C.—*Continued.*

Annual Reports. 1891, 1892.
Smithsonian Meteorological Tables. 1893.

U. S. NATIONAL MUSEUM.

Annual Reports. 1891, '92, '93.
Report Commissioners. Part XVII. 1889-'91.
Proceedings. Vols. XV, XVI. 1892-'93.
Bulletin. Nos. XLIII-XLVI. 1893.

U. S. FISH COMMISSION.

Bulletins. Vols. XI, XII. 1891, 1892.

BUREAU OF ETHNOLOGY.

Tenth to Twelfth Annual Reports. 1888-'91. 3 vols.
Bibliography of the Wakashan Language. By J. C. Pilling. 1894.
The Maya Year. By Cyrus Thomas. 1894.
The Pamunkey Indians of Virginia. By J. Garland Pollard. 1894.
List of Publications, with Index, etc. By F. W. Hodge. 1894.
An Ancient Quarry in Indian Territory. By Wm. H. Holmes. 1894.

TREASURY DEPARTMENT, Washington, D. C.

Annual Report. 1893.

OFFICE OF LIFE-SAVING SERVICE.

Annual Report. 1892.

BUREAU OF THE MINT.

Annual Report. 1893.

OFFICE OF THE LIGHT-HOUSE BOARD.

Annual Report. 1893.

U. S. COAST SURVEY.

Report. Part 2. 1892.

BOARD OF INDIAN COMMISSIONERS.

Twenty-fifth Annual Report. 1893.

DEPARTMENT OF AGRICULTURE, Washington, D. C.

Bulletin Entomological Division. No. 32.
Insect Life. Vols. VI, 3, 5; VII, 2. 1894.
Farmers Bulletin. Nos. 3-9, 11-18. 15 Bot. 1891-'94.
Microscopic Division. Report. 1893.

WAR DEPARTMENT, Washington, D. C.

Index Catalogue of Surgeon General's Office U. S. Army. 1894.
Annual Reports. 1891. Vols. I, II, Parts 1-6; IV, 1893.

CHIEF SIGNAL OFFICER.

Report. 1891-'92.
Certain Climatic Features of the Two Dakotas. 1893.
Monthly Weather Review. 1893.

DEPARTMENT OF STATE, Washington, D. C.

Committee on Finance. U. S. Bulletin. Nos. 1-4, 11-51. 1894.
General Index. Nos. 112-151. 1894.
Consular Reports. Vol. XLIV, 160-163; XLV, 164, 165; XLVI, 169-171. 1894.
Consular Special Report. Vols. X, XI. 1894; 249, 337.
Annual Report. War. Vol. III. 1893.

DEPARTMENT OF THE INTERIOR, Washington, D. C.

Eighth Annual Report, Labor. 1892.
Contributions to N. A. Ethnology. Vol. IX. 1893.
Bulletins. Nos. 97-117. 1893-'94.
Annual Report. 1894.

DEPARTMENT OF THE INTERIOR, Washington, D. C.—*Continued.*
Special Report Relative to Public Documents. 1894.

U. S. GEOLOGICAL SURVEY.

Twelfth and Thirteenth Annual Reports. 1890-'92. 5 Vols.
Monographs. XIX, XXI, XXII. 1892-'93. 3 Vols.
Mineral Resources of U. S. for 1892-'93. 2 Vols.

BUREAU OF EDUCATION.

Report. 1892.
Catalogue of the A. L. A. Library. 1893.
Circular of Information. Nos. 2, 3, 5, 6, 8. 1893.

CENSUS OFFICE.

Statistics of Manufactures. 11 Census U. S. Spec. No. 15, 6.

CIVIL SERVICE COMMISSION, Washington, D. C.

Reports. 1891-'92.

CONGRÈS GEOLOGIQUE INTERNATIONALE, Washington, D. C.

Compte Rendu. 5^{me} Session. 1891.

REPUBLIC OF SALVADOR.

Salvador Illustrated.

ENTOMOLOGICAL SOCIETY OF LONDON, Ontario, Canada.

The Canadian Entomologist. Vol. XXVI. 1894.

ROYAL SOCIETY OF CANADA.

Proceedings and Transactions. Vol. XI. 1893.

CENTRAL EXPERIMENT FARM, Ottawa, Canada.

Bulletin. No. 20. 1894.

THE CANADIAN INSTITUTE, Toronto, Canada.

Transactions. Vol. IV, Part I, No. 7. 1894.

Seventh Annual Report. 1893-'94.

ENTOMOLOGICAL SOCIETY OF ONTARIO, Toronto.

Twenty-fourth Annual Report. 1893.

OTTAWA FIELD NATURALIST CLUB, Canada.

Transactions. Vol. VII, 10-12; VIII, 1-9. 1894.

THE FRUIT GROWERS' ASSOCIATION OF ONTARIO, Grimsby,
Canada.

The Canadian Horticulturist. Vol. XVII. 1894.

Twenty-fifth Annual Report. 1893.

CANADIAN DEPARTMENT OF FISHERIES, Ottawa.

Annual Report. 1893.

MINISTER OF AGRICULTURE, Ottawa, Canada.

Report. 1893.

NOVA SCOTIAN INSTITUTE NATURAL SCIENCE, Halifax.

Proceedings and Transactions. Vol. I. Part 3. 1893.

HISTORICAL AND SCIENTIFIC SOCIETY OF MANITOBA,

Winnipeg.

Annual Report. 1893.

Transactions. 45-47. 1894.

NATURAL HISTORY SOCIETY OF NEW BRUNSWICK.

Bulletin. No. XI, 1893.

THE CANADIEN NATURALISTE, Chicoutimi.

Bulletin. Vol. XXI, Nos. 1-11.

- NATURAL HISTORY SOCIETY OF MONTREAL, Canada.
Canadian Record of Science. Vol. V, 8. 1893.
- SOCIEDAD MEXICANA DE HISTORIA NATURAL, Mexico.
La Naturaleza. Vol. II, 5-7. 1893-'94.
- SOCIEDAD CIENTIFICA "ANTONIO ALZATE," Mexico.
Memorias y Revista. Tomo. VII, 3 à 8. 1893-'94.
- MEXICAN R. R. CO.
Mexico? Si, Señor. By F. L. Rogers.
- BRITISH MUSEUM (NATURAL HISTORY), London, England.
A Monograph of Lichens found in Britain. By J. M. Crombie. 1894.
Accounts, etc., of the British Museum. 1894.
- THE ROYAL SOCIETY, London, England.
Proceedings. Vol. LIV, 328-339. 1894.
- GEOLOGISTS' ASSOCIATION, London, England.
Proceedings. Vol. XIII, 6-10. 1894.
- GEOLOGICAL SOCIETY OF LONDON, England.
Quarterly Journal. Vol. L, 197-200. 1894.
List of the Geological Society (Members). 1894.
- HERTFORDSHIRE NATURAL HISTORY SOCIETY AND FIELD CLUB, England.
Transactions. Vol. VII, 8, 9. 1894.
- MANCHESTER GEOLOGICAL SOCIETY, England.
Transactions. Vol. XXII, 13-21; XXIII, 1, 2. 1893-'94.
- MANCHESTER FIELD NATURALIST AND ARCHÆOLOGICAL SOCIETY, England.
Report and Proceedings. 1893.
- MANCHESTER LITERARY AND PHILOSOPHICAL SOCIETY, England.
Memoirs and Proceedings. 4th Series. Vol. VII, 2, 3. 1893-'94.
- YORKSHIRE GEOLOGICAL AND POLYTECHNIC SOCIETY, Leeds, England.
Proceedings. N. S. Vol. XII, 4. 1894.
- DULWICH COLLEGE SCIENTIFIC SOCIETY, England.
Report. 1892-'93.
- BELFAST NATURAL HISTORY AND PHILOSOPHICAL SOCIETY, Ireland.
Report and Proceedings. 1892-'93.
- BOTANICAL SOCIETY OF EDINBURGH, Scotland.
Transactions and Proceedings. Vol. XIX, Part III, 1892-'93; XX, Part I, 1894.
- ROYAL SOCIETY OF EDINBURGH, Scotland.
Proceedings. Vol. XIX. 1891-1892.
- LINNEAN SOCIETY OF NEW SOUTH WALES, Sydney, Australia.
Proceedings. Vol. VIII; IX, 1. 1893-'94.
- THE AUSTRALIAN MUSEUM, Sydney.
Catalogue Australian Birds. By E. P. Ramsay. 1894.
- DEPARTMENT OF MINES AND AGRICULTURE, N. S. W., Sydney, Australia.
Annual Report. 1893.
History and Habitat of Australian Fungi. 1893.
Plant Diseases and their Remedies. By N. A. Cobb. 1893.

- ROYAL SOCIETY OF N. S. W., Sydney, Australia.
Journal and Proceedings. Vols. XII, XIII, XIV, 1879-'81 ; XXVII, 1893.
- GEOLOGICAL SURVEY OF N. S. W., Sydney, Australia.
Geology of Broken Hill Lode and Barrier Ranges. By J. B. Jaquet. 1894.
Records. Vol. III, 4 ; IV, 2, 1893. 1894.
- DEPARTMENT OF AGRICULTURE, Melbourne, Australia.
A Handbook of Destructive Insects of Victoria. Part I. By C. French. 1891.
- ZOOLOGICAL AND ACCLIMATIZATION SOCIETY, Melbourne, Australia.
Proceedings. Vol. II, 1873.
Annual Report. 1893.
- BIBLIOTHECA NACIONAL, Rio de Janeiro, Brazil, S. A.
Annaes da Comara dos Deputados e Appendice. 1892-'93.
Relatorio Appresentado ao Vice-presidente. 5 Vols. 1892-'93.
Estudos de Demographia Sanitaria durante 34 Annos. 1893.
Recenseamento do Estado do Rio de Janeiro. 1893.
Relatorio sobre Trabalhos do Jardin Botanico. 1893.
Enumeratio Plantarum in Horto Botanico. 1893.
Regimento Interno da Camara dos Deputados. 1893.
Manual do Senador. 1893.
Annexos ao Relatorio e Synopse dos Trabalhos. 1892.
Annaes da Bibliotheca Nacional. Vol. XVI. Fasc. I. 1889-'90.
Archivas do Museu Nacional. Vol. VII, 1892.
Relatoria e Synopse dos Trabalhos. 1892.
Plantas Novas cultivadas no Jardin Botanico. II. 1893.
Annaes do Senado Federal. 7 Vols. 1892-'93.
Relatorio apresentado à inspeccoria geral. 1893.
Relatorio apresentado ao Vice-presidente do Senado. 1894.
Annexos ao relatorio ao Vice-presidente da Repub. 1893.
Vocabulario Indigena por J. B. Rodriques. 1893.
Regulamento para Bibliotheca Nacional. 1892.
Message adressé au Congrès National. Por F. Peixoto. 1894.
- SOCIÉTÉ SCIENTIFIQUE DU CHILI, Santiago.
Actes. Tome III ; IV, 1, 2, Liv.
- MUSEO NACIONAL, San José, de Costa Rica.
Anales. Tomo IV. 1891.
Estudios sobre las Hormigas de Costa Rica. Por C. Emory. 1894.
- REPUBLIC URUGUAY, Montevideo.
Prudencio de Murguiondo.
Treatise on S. A. Railways. 1893.
The Oriental Republic of Uruguay. 1893.
- VICTORIA INSTITUTE, Trinidad.
Proceedings. Part I, 1894.
- TRINIDAD FIELD NATURALIST CLUB, Port of Spain.
Journal. Vol. I, 3-12 ; II, 1-4. 1892-'94.
- REAL ACADEMIA DE CIENCIAS DE MADRID, Spain.
Catalogo de los objetos Etnologicos y Arqueologicos. Hemenway. 1892.
Catalogo Razonado de los objetos Arqueologicos de Costa Rica. 1893.
- SCIENCES NATURAES, Porto, Spain.
Annaes Primeiro Anno—No. 1, 1894.

- ACADÉMIE DES SCIENCES, INSCRIPTIONS ET BELLES-LETTRES,
Toulouse, France.
Mémoires. N. Tome, V, 1893.
- SOCIÉTÉ GEOLOGIQUE DE FRANCE, Paris.
Bulletin. Tome XVIII, 1-6; XX, 7, 8; XXI, 2-5, 7, 8; XXII,
1-6. 1892-'94.
Compte Rendu. Tome XXI, 17-18; XXII, 9-11. 1893-'94.
- SOCIÉTÉ D'EMULATION, Abbeville, France.
Bulletin. Année 1892, Nos. 2-4.
Mémoires. Tome II, Part 2^e. 1893.
- FACULTÉ DES SCIENCES DE MARSEILLES, France.
Annales. Tome I-III. 1891-'93.
- MINISTERO D'AGRICOLTURA INDUSTRIA E COMMERCIO, Roma,
Italy.
Annali di Agricoltura. 201, 202, 203, 206. 1893-1894.
Resultati delle Coltivazioni Sperimentali del Frumento. 1889-'92.
- MUSEI DI ZOOLOGIA ED ANATOMIA, Torino, Italy.
Bollettino. Vol. VIII, 151-165; IX, 166-178. 1893-1894.
- IL NATURALISTE SICILIANO, Palermo, Italy.
Anno. XIII, 3-12. 1894.
- SOCIETA ADRIATICA DI SCIENZE NATURALI, Trieste, Italy.
Bollettino. Vol. XV. 1893.
- SOCIETA ENTOMOLOGICA ITALIANA, Firenze, Italy.
Bollettino. Trimestri, I-IV. 1888.
- KONGLIGE VIDENSKABERNES SELSKAB, Thronbjørn, Norway.
Skrifter. 1891, 1892.
- ROYAL SWEDISH ACADEMY OF SCIENCES, Stockholm, Sweden.
Öfversigt. Årg. L, 8-10; LI, 1-7. 1893-'94.
Bihang. 18th, III, IV. 1893.
Handlingar. N. F. Bd. 25, 1, 2; 9, III, IV. 1894.
- INSTITUTE ROYALE GÉOLOGIQUE DE SUÈDE, Stockholm.
Sveriges Geologiska Undersökning. Ser. Aa. 108, 109; Ab. 13-15;
Bb. 7; C. 112, 116-134 and Atlas. 1894.
- SOCIÉTÉ ENTOMOLOGIQUE À STOCKHOLM, Sweden.
Entomologisk Tidskrift, Årg. Häft 1-4. 1892-1893.
- BIBLIOTHEQUE DE L'UNIVERSITÉ ROYALE, Lund, Sweden.
Års-Skrift. Tome XXIX. 1892-'93.
- THE NORWEGIAN, NORTH ATLANTIC EXPEDITION, Christiania, 1876-1878.
Ophiuroidea. Zoologie, XXII. 1893.
Vandstandsobservationer, V, Hefte. 1893.
- KONGELIGE DANSKE VIDENSKABERNES SELSKAB, Copenhagen,
Denmark.
Oversigt, 1893, 2, 3; 1894, 1.
- SOCIÉTÉ GEOLOGIQUE DE BELGIQUE, Liège, Belgium.
Annales, Tome XX, 1, 2; XXI, 1, 2. 1892-1894.
- K. K. GEOLOGISCHEN REICHSANSTALT (Wien), Vienna, Austria.
Verhandlungen. Jahr. 1893, 11-18; 1894, 1-9.
Bericht. 1893.

- K. MAGYAR TERMÉSZETTUDOMÁNYI TRSÀULAT, Budapest, Hungary.
XXIII, Kötet, 4-10; XXIV, 1-3, 6-8, 11-12. Füzet. 1893-'94.
Zeitschrift. XXIV, Kötet, 4-5. Fuzet. 1894.
- ROYAL ACADEMY OF SCIENCE, Amsterdam, Netherlands.
Verhandlungen. Deel III, 1-14. 1893-'94.
Verslagen der Zittingen. 1894.
- NATURFORSCHENDE GESELLSCHAFT GRAUBÜNDENS, Chur, Switzerland.
Jahresbericht. Neue Folge XXXVII. Jahr. 1894.
- ST. GALLISCHEN NATURWISSENSCHAFTLICHE GESELLSCHAFT, St. Gallen, Switzerland.
Bericht. 1891-'92.
- SOCIÉTÉ VAUDOISE DES SCIENCES NATURELLE, Lausanne, Switzerland.
Bulletin. Ser. 3. Vol. XXIX, 111-113; XXX, 114. 1893-1894.
- SCIENCE NATURELLE ET MATHEMATIQUE, Luxembourg, Lausanne, Switzerland.
Publications de L'Institute Grand-Ducal. Tome XXII. 1893.
- NATURFORSCHENDE GESELLSCHAFT, Basel, Switzerland.
Verhandlungen. Band IX, 3. 1893.
- NATURFORSCHENDE GESELLSCHAFT, Bern, Switzerland.
Mittheilungen. Nr. 1305-1334. 1893.
- SCHWEIZERISCHE ENTOMOLOGISCHE GESELLSCHAFT, Schaffhausen, Switzerland.
Mittheilungen. Vol. IX, 1, 2. 1893-1894.
- NATURFORSCHENDE GESELLSCHAFT, Emden, Prussia.
Jahresbericht. 1892-1893.
- VEREIN FÜR SCHLESCHISCHE INSEKTE NKUNDE, Breslau, Prussia.
Zeitschrift. 18, 19. 1893-1894.
- PROVINZIAL-VEREIN FÜR WISSENSCHAFT UND KUNST, Münster, Prussia.
Jahresbericht. 1893.
- NATURWISSENSCHAFTLICHER VEREIN, Magdeburg, Prussia.
Jahresbericht und Abhandlungen. 1892.
- NATURWISSENSCHAFTLICHER VEREIN, Schleswig-Holstein, Kiel, Prussia.
Schriften. Band X, 1. 1893.
- UNGARISCHER KARPATHEN-VEREIN, Iglo.
Jahrbuch. XXI. 1894.
- SIEBENBÜRG VEREINS FÜR NATURWISSENSCHAFTEN, Hermannstadt, Transylvania, Hungary.
Verhandlungen und Mittheilungen. XLIII Jahr. 1894.
- ZEEWSCH GENOOTSCHAP DER WETENSCHAPPEN, Middelburg, Netherlands.
Levensberichten van Zeeuwen. 1893.
Archief Uroegere en Latere Mededeelingen, etc. Zeeland. 1893.
Verslagen. 1885-1893.
- K. K. NATURHISTORISCHEN HOF-MUSEUM (Wien), Vienna, Austria.
Annalen, Band VIII, 2-4; IX, 1, 2. 1893-'94.

- OBERLAUSITSISCHEN GESELLSCHAFT DER WISSENSCHAFTEN,
Gorlitz, Germany.
Neues Lausitzisches Magazin. Bd. 69, 2 Heft; 70, 1 Heft.
1893-'94.
- KÖNIGLICH-BAIERISCHE AKADEMIE DER WISSENSCHAFTEN,
München, Germany.
Sitzungsberichte. 4, 1893; 1-3, 1894.
Ueber die Nege und Ziele der Hirnforschung. By N. Rudinger.
1893.
- HISTORISCHEN VEREINES FÜR STEIERMARK, Gratz, Germany.
Mittheilungen. Heft. XLII, 1894.
Beiträge. 1894.
Uebersicht. 1892.
- NATURWISSENSCHAFTLICHEN VEREIN FÜR STEIERMARK,
Gratz, Germany.
Mittheilungen. 1893.
- NATURWISSENSCHAFTLICHEN GESELLSCHAFT ISIS IN DRES-
DEN, Germany.
Sitzungsberichte und Abhandlungen. Jahr. 1893-1894.
- K. ZOOLOGISCHEN UND ANTHROPO-ETHNOLOGISCHEN MU-
SEUM, Dresden, Germany.
Bericht. 1890-1891.
- NASSAUISCHER VEREIN FÜR NATURKUNDE, Wiesbaden, Ger-
many.
Jahrbücher. Jahr. 46, 1894.
- MUSEUM FÜR VÖLKERKUNDE, Leipzig, Germany.
Einundzwanzigster Bericht. 1893.
- NATURFORSCHENDE GESELLSCHAFT, Freiburg, Germany.
Berichte. 1894.
- SOCIÉTÉ FRIBOURGEOISE DES NATURALISTES, Fribourg, Ger-
many.
Le Déluge devant la Critique Historique. Par Raymond de Girard.
1893.
- THURGANISCHE NATURFORSCHENDE GESELLSCHAFT, Frauen-
feld, Germany.
Mittheilungen. Heft XI. 1894.
- UNIVERSITÄTES-BIBLIOTHEK, Würzburg, Germany.
15 Essays. 1893, 1894.
- K. LEOPOLDINA CAROLINA AKADEMIE DER DEUTSCHEN
NATURFORSCHER, Halle a/s, Germany.
Nova Acta. Bd. LVII, 3; LXI, 2. 1891, 1893.
Leopoldina. Heft, XXVIII, XXIX. 1892-'93.
- NATURWISSENSCHAFTLICHER VEREIN FÜR SCHWABISCHEN
NEUBURG, Augsburg, Germany.
Bericht. 1891-1893.
- NATURWISSENSCHAFTLICHER VEREIN, Bremen, Germany.
Zwei Abschnitte aus der Praxis Botanischen. 1890.
Kritisches Verzeichniss aller beschriebenen Junaceen. 1880.
Ueber Einheitlichkeit der botanischen Kunst. 1893.
Die Nautische Instrumente. 1890.
Versuch einer Übersicht über die Rotatorien-Familie. 1893.
Abhandlungen. Bd. I-XII. 1868-1893.

- NATURWISSENSCHAFTLICHER VEREIN, Hamburg, Germany.
Verhandlungen. 1893. Dritte Folge.
- VEREIN FÜR NATURKUNDE, Mannheim, Germany.
Jahresbericht. 56-60. 1889-1893.
- DEUTSCHE GEOLOGISCHE GESELLSCHAFT, Berlin, Prussia.
Zeitschrift. Band XLV, 3, 4; XLVI, 1. 1893-1894.
- BERLINER ENTOMOLOGISCHE ZEITSCHRIFT, Berlin, Prussia.
Zeitschrift. Band XXXIX, 2. 1894.
- KÖNIGLICHE MUSEUM FÜR NATURKUNDE, Berlin, Prussia.
Die Insecten der Berglandschaft Adeli. 1 abth. By Dr. F. Karsch.
1893.
25 Pamphlets on Entomology.
- KÖNIGLICHE PHYSIKALISCH-OEKONOMISCHE GESELL-
SCHAFT, Königsberg, Prussia.
Schriften. 34. 1893.
- SOCIÉTÉ DES NATURALISTES DE LA NOUVELLE-RUSSIE,
Odessa.
Memoires. Tome XVIII, 1, 2. 1893-1894.
- SOCIÉTÉ IMPERIALE DES NATURALISTES DE MOSCOW,
Russia.
Bulletin. 1893, 2-4; 1894, 1.
- COMITÉ GÉOLOGIQUE DE LA RUSSIE, St. Petersburg.
Bibliothèque Géologique. Supplement 1892 to Tome XII, 1893.
Bulletino. Nos. 1-7. 1893.
Mémoires. Vol. IV, 3; IX, 2; X, 2. 1893.
- INDIAN MUSEUM, Calcutta, India.
Annual Report. Vol. XXIV. 1893.
Notes. Vol. II, 7; III, 3. 1893-1894.
Guide to Zoölogical Collection in Museum. 1894.
Catalogue of Coins in Museum. By Charles J. Rodgers. 1894.
- ASIATIC SOCIETY OF BENGAL (Natural History Sec'y), Calcutta,
India.
Proceedings. Nos. VIII-XI, 1893; I-VIII, 1894.
Journal. N. S. Vol. LXII, Part II, 3-4; LXIII, 1. 1893-'94.
- ROYAL ASIATIC SOCIETY, Bombay, India.
Journal. Vol. XVIII, 49. 1894.
- MADRAS CENTRAL GOVERNMENT, India.
Bulletin. Nos. 1, 2. 1894.
- DEPARTMENT OF AGRICULTURE, Cape Town, Cape Colony, Africa.
Report. 1893-'94.
Journal. Vol. VI, 25, 26; VII, 2-7, 9, 10, 12, 14-21, 23. 1893-1894.
- MONTHLY ARABIC JOURNAL OF SCIENCE, LITERATURE AND
ART, Cairo, Egypt.
Journal. Vol. XVIII, 4-12. 1894.
- IMPERIAL UNIVERSITY, Tokio, Japan.
The Calendar. 1893-1894.

GEOLOGICAL DEPARTMENT.

- CHARLES J. BATES, Englewood, N. J.
15 Specimens of Coal Plants from Dubois Co., Ind.
- J. J. CROOKE, Giffords, Staten Island, N. Y.
A number of fossils of various formations, including Hudson River to Tertiary.
- EUGENE F. DU BOIS, West New Brighton, Staten Island, N. Y.
A perfect young specimen of *Asaphus gigas*, from Trenton Falls, N. Y.
- F. R. FISHER, New York City.
A tooth of *Equus fraternus* Leidy (fossil horse), from Charleston, S. C.
A palatal plate of *Mylobates holmesi* (fossil ray), from Charleston, S. C.
- E. O. HOVEY, New York City.
15 Specimens of *Belemnites clavatus* from Lias Basin near Langenbrucken, Baden, Germany.
10 Specimens of Clay concretions from Long Island Sound.
6 " " Chert from Cambrian ? and Lower Carboniferous Strata of Missouri and Arkansas.
- DR. O. P. HUBBARD, New York City.
2 Fragments of leg bones of some quadruped, from Thetford, Vt., and some beaver-gnawed sticks.
- R. D. LA COE, Pittston, Pa.
A quantity of invertebrate fossils from the Carboniferous limestones and Coal measures of Illinois (nearly 1000 specimens).
- J. & R. LAMB, 59 Carmine Street, New York City.
2 Photographs of Eagle Rock Quarry, Orange, N. J.
- DR. J. S. McLAURY, 236 West 127th Street, New York City.
A fragment of the stem of a fern. Catskill Group, northeastern part of Delaware Co., N. Y.
- ADOLPH MUINECKE, Milwaukee, Wis.
A glaciated block of Niagara limestone from foot of 27th Street, Milwaukee, Wis.
- WILLIAM NIVEN, New York City.
1 Block of Crinoid columns from the Burlington limestone at Burlington, Iowa.
- PROF. R. P. WHITFIELD, New York City.
Many Post-Pliocene fossils from Osprey, Fla.
135 Cretaceous Lower Green Sand Marl fossils, from Atlantic Highlands, N. J.
- JOSEPH WILLCOX, Philadelphia, Pa.
19 Species of Tertiary fossils—64 specimens, as follows :
4 Valves of *Pecten exasperata*, Pliocene, Caloosahatchie River, Fla.
3 *Mitra Carolinensis*, Con. Miocene, Duplin Co., N. C.
1 *Voluta Trenholmii*, " " " "
1 *Fasciolaria rhomboidea*, " " " "
1 *Galeodia Dodgei*, " " " "
1 *Cypræa Carolinensis*, " " " "
1 *Ptychosalpinx* sp. ?, " " " "
1 *Terebra unilineata*, " " " "

JOSEPH WILLCOX, Philadelphia, Pa.—*Continued.*

- 2 *Conus planiceps* Heil., Miocene, Ballast Point, near Tampa Bay, Fla.
- 6 *Pyraxisinus campanulatus* Heil., Miocene, " " " "
- 5 *Turritella Tampae* Heil., " " " "
- 6 *Bulimulus Americanus* Dall., " " " "
- 6 *Helicina Ballista* Dall., " " " "
- 7 Fragments *Helix crusta* Dall., " " " "
- 7 " *Strophia anodonta* " " " "
- 1 *Epidromus lanceatus* Mke. Pliocene, Shell Creek, Fla.
- 5 *Turritella subannulata* Heil., " " " "
- 5 *Turbo rectogranimia* Dall., " " " "
- 2 *Crucibulum cuniculum* Gmel. " Caloosahatchie River, Fla.

MINERALOGICAL DEPARTMENT.

CHARLES J. BATES, Englewood, N. J. .

- A block of drift native Copper from Bremen, Ind.
- A piece of artificial Graphite from Burden's blast furnace at Troy, N. Y.

MRS. HORATIO BROWN, through J. J. Smedberg, 55 West Seventy-third Street, New York City.

- 1 Small block (paper weight) of Mexican Onyx.

COPPER QUEEN CONSOLIDATED MINING CO., Bisbee, Ariz., through Prof. J. Douglass.

- 1 Large and very handsome slab of crystallized Azurite from Bisbee, Ariz.
- 2 Specimens of Azurite upon Wad. Detroit, Ariz.
- 1 Specimen of Cuprite. Detroit, ? Ariz.
- 1 " " Azurite (pale blue) botryoidal. Bisbee, Ariz.
- 1 " " Malachite. Bisbee, Ariz.

COPPER QUEEN CONSOLIDATED MINING CO., Bisbee, Ariz., through W. E. Dodge.

- 2 Large groups of Stalactite. Bisbee, Ariz.
- 1 Large pocket of Malachite. " "
- 1 Plate (rippled and colored) Stalactite. Bisbee, Ariz.
- 1 Large very ornamental Stalactite. Bisbee, Ariz.

G. S. FELLOWS, through William Niven, New York City.

- 1 Small specimen of Mexican Onyx. Lower California, Mexico.

JAMES W. GIDLEY, New York City.

- A very fine crystal of Gypsum. Little Powder River, east of Black Hills, Dakota.

J. B. HAGGIN, New York City.

- 4 Specimens of Chalcocite, very rich in metallic silver, from the Anaconda Mine, Butte, Mont.

J. E. HARRISON, 120 Broadway, New York City.

- 1 Specimen Hydrous Anthophyllite (Amphibole). Hastings Co., Ontario, Can.
- 1 Specimen Asbestos with Serpentine. Hastings Co., Ontario, Can.

MORRIS K. JESUP, New York City.

- 1 Large compound crystal of Selenite. Wayne Co., Utah.

MISS H. L. LAGOWITZ, New York City.

- 1 Specimen of Actinolitic Mica Schist, from south side of Seventy-eighth Street near Amsterdam Avenue, New York City.

MR. KARL LOCH (deceased), through Mrs. Karl Loch.

- 26 Specimens of cut Agates for gem case.
- 3 " " Agates and Moonstone.

HON. SETH LOW, New York City.

- A beautiful specimen of Agatized Wood from Apache Co., Ariz.

WILLIAM NIVEN, New York City.

- 1 Round Cabochon of Prehnite, from Paterson, N. J.
- 2 Cabochons of Rose Garnet, from Xalostoc, Mexico.
- 1 Small slab
- 1 Twelve-inch slab of Rose Garnet from Xalostoc, Mexico.
- 1 Very perfect Alaskan Garnet, from Alaska.

EDWARD O'LOUGHLIN, New York City.

- 1 Agate (Cabochon).
- 1 Amethyst (Brilliant).

T. R. SORIN, Bisbee, Ariz.

- 1 Stalactite (colored), from Bisbee, Ariz.
- A large quantity of Chalcopyrite and Bornite seamed with veins of blue Chalcantithite from the United Verde Mine, Jerome, Yavapai Co., Ariz.

D. JACKSON STEWARD, New York City.

- 1 Specimen of highly siliceous Slate, from Goshen, Ulster Co., N. Y.

WILLIAM WALLACE, New York City.

- 1 Large Garnet in matrix, from One Hundred and Seventy-seventh Street and Tenth Avenue, New York City.

WILLIAM WALLACE, JR., New York City.

- A group of Quartz crystals, from High Bridge, N. Y.

GEORGE R. WIELAND, New York City.

- 1 Large block of siliceous Oolite, from State College, Centre Co., Pa.

E. WILLIS, Charleston, S. C.

- Specimens of Lime Phosphate, from Charleston, S. C.

WORLD'S FAIR COMMISSIONERS of Arizona, through Mr. T. R. Sorin, Bisbee, Ariz.

- 155 Specimens of Gold, Silver, Lead and Copper ores in large masses and fragments, furnished in many instances with details of analysis, and assay value in precious metals. (Mentioned in last annual report.)

WORLD'S FAIR EXHIBIT COPPER QUEEN CON. MINING CO., Bisbee, Ariz., through W. E. Dodge and Prof. J. Douglass.

- A monumental mass of Azurite and Malachite, from Bisbee, Ariz.

WORLD'S FAIR COMMISSIONERS of Michigan.

- 16 Specimens of Copper Ore, illustrating the occurrence of native Copper. (Mentioned in last annual report.)

WORLD'S FAIR COMMISSIONERS of the State of Washington.

- 30 Specimens of Gold and Silver ore and some specimens of Coal. (Mentioned in last annual report.)

CONCHOLOGICAL DEPARTMENT.

CAPT. DOW (deceased), through Mrs. Dow.

- 110 Lots Bivalve shells.
- 11 " Chitons.
- 2 Specimens of Brachiopods.
- 24 Specimens of Turbo, Trochus, &c.
- 25 " Conus.
- 109 Species of Achatinella.
- 31 " Partula.
- 11 " Helicina.
- 14 " Cyclostoma.
- 10 " Cyllindrella.
- 3 " Pupa.
- 16 " Bulimus.
- 54 " Helix, &c.
- 13 " Fresh Water Gasteropods.
- 16 " Auriculidæ.
- 13 " Muricidæ.
- 7 " Strombidæ.
- 16 " Purpuridæ.
- 19 " Cerithium.
- 3 " Turritella.
- 35 " Columbella.
- 17 " Oliva.
- 19 " Nassa.
- 15 " Mitra.
- 4 " Littorina.
- 5 " Calyptræa.
- 6 " Patelloids.
- 18 " Cypræa.
- 16 Trays of Nerita.
- 61 Miscellaneous shells.

L. P. GRATACAP, Staten Island, N. Y.

About 100 shells from Grand Manan, N. S.

D. JACKSON STEWARD, New York City.

- 2 Specimens *Cardium pseudolima* Lk.
- 4 " *Voluta musica*.
- 2 " *Cypræa exanthema* (or *Cervus*).
- 2 " *Melongena coronata*.
- 7 " *Turbo (Collopoma) fluctuatus* Reeve.

R. P. WHITFIELD, New York City.

- 10 Specimens *Arca*, like *A. noæ*; 3 anchored on *Pinna*.
- 1 " *Arca lineosa*.
- 6 " *Pinna nobilis*.
- 5 " *Pinna carolinensis*.
- 3 " *Avicula*.
- 6 " *Cardium magnum*.
- 2 " *Cardium*.
- 1 " *Callista gigantea*, very large.
- Many " *Donax variabilis*, &c.
- 27 " *Strombus alatus*, 4 with violet mouths.
- 2 " *Fasciolaria distans*.
- 2 " *Fasciolaria gigantea*, with Operculum.
- 3 " *Fulgur perversa*, 2 large and 1 medium size.

All from Osprey, Fla.

DEPARTMENT OF MARINE INVERTEBRATES.

CAPT. DOW (deceased), through Mrs. Dow.

- 1 Specimen Cuttle Fish.
- 3 " Crabs.
- 2 " Echinoderms.
- 6 " Star Fish (*Asterias*).
- 1 " Brittle Star (*Ophiurian*), large.
- 2 " " small.
- 12 " *Ophiurians*.
- 3 " *Renilla*.

WILLIAM DUTCHER, New York City.

- 8 Specimens of rock perforated by *Pholas* and *Saxicava*, from Grand Manan, N. S.

MR. GLENDENIN GRAYDON, through Mrs. F. B. Arnold, 101 West Seventy-eighth Street, New York City.

- 14 Specimens of *Gorgonia* from Santa Cruz Islands, Caribbean Sea.

L. P. GRATACAP, Staten Island, N. Y.

- 38 Specimens Echinoderms.
- 4 " *Pentacta frondosa* Gunner.
- 10 Star Fish. (1 large *Asterias vulgaris*, 2 *Solaster endeca*.)
- 1 Sea Anemone.
- 1 Squid, *Ommastrephes illecebrosus*.
- 1 Crab.
- 2 Hermit Crabs in shells. All from Grand Manan, N. S.

ISAAC GREGG, Chagrin Falls, O.

- 1 Star Fish, *Pentaceros reticulatus* Gray; with 6 Rays. West Coast of Florida.

E. O. HOVEY, New York City.

- 1 Large mass *Suberites compacta* Ver. A living sponge.
- 6 Specimens *Chalina arbuscula* Ver.
- 2 " *Cribrella sanguinolenta* Muller.
- 2 " *Astrangia Dana* Agassiz.
- 2 " *Escharella variabilis* Leidy.
- 1 *Ophiopholis aculeata* Linn.

All from Long Island Sound directly off the mouth of the Connecticut River.

MRS. DR. PARKER.

- 1 Specimen of *Euplectella* from South Sea Islands.

PROF. R. P. WHITFIELD, New York City.

- 3 Chitinous tubes of a large Marine Worm.
- 2 Large masses of *Vermetus varians* D'Orb.
- 11 Specimens of *Oculina*.
- 2 " *Porites*.
- 38 " *Sponges*.
- 1 Star Fish and several *Sertularians*, from Osprey, West Coast of Florida.

DEPARTMENT OF MAMMALS.

J. A. ALLEN, New York City.

- 1 Wood Rat (*Neotoma pennsylvanica*), from Orange Co., N. Y.

TAPPEN ADNEY, New York City.

- Beaver cuttings, from New Brunswick.

- J. A. BAILEY, New York City.
 1 young Indian Elephant; 1 Chimpanzee ("Chico"); 1 Bactrian Camel; 1 Gnu; 1 Nylghau; 1 Brisa Antelope; 1 Axis Deer; 1 Puma; 1 Tiger; 1 Kangaroo. Total, 10 specimens, received in the flesh.
- A. E. BEACH, New York City.
 1 Prairie Dog, mounted.
- J. P. H. BELL, Gainesville, Fla.
 1 Weasel; 1 Hoary Bat.
- WILLIAM BEUTENMÜLLER, New York City.
 2 Bats.
- C. L. BROWNELL, Nyack, N. Y.
 17 Small Mammals.
- GEORGE R. BURNS, New York City.
 18 Small Mammals.
- CAPT. THOMAS L. CASEY, U. S. A., New York City.
 1 Mouse, from California.
- GEORGE K. CHERRIE, Chicago, Ill.
 42 Small Mammals, from Costa Rica.
- S. H. CHUBB, New York City.
 1 Wood Hare; 1 Albino Rat.
- WILLIAM F. CODY, New York City.
 1 American Bison.
- COLLEGE OF PHYSICIANS AND SURGEONS, New York City.
 1 Capuchin Monkey; 1 Howler.
- JAMES M. CONSTABLE, New York City.
 1 Indian Fruit Bat.
- JOHN L. COX.
 1 Caribou.
- R. L. DITMAR, New York City.
 1 Flying Squirrel, from Florida.
- DEPARTMENT OF PUBLIC PARKS, New York City.
 The Indian Elephant "Tip;" 19 Monkeys, of various kinds, including 3 Baboons; 1 Tiger; 3 Black Bears; 1 Polar Bear; 1 Gray Hound; 2 Foxes; 1 Coyote; 1 Jackal; 4 Civets; 2 young Hyænas; 1 Panther; 1 Ocelot; 3 Raccoons; 2 Coatis; 8 Deer (various kinds); 1 Elk; 1 Bison; 1 Zebu; 5 Goats (mostly Angoras); 4 Sheep; 2 Llamas; 1 Dromedary; 1 Oryx; 1 Leucoryx; 1 Nylghau; 1 Tapir; 1 Paca; 1 Agouti; 2 Armadillos; 2 Opossums. Total, 82 specimens, received in the flesh.
- MRS. ELIZABETH K. DOW, New York City.
 45 Specimens of North American Muridæ, in alcohol.
- PROF. L. L. DYCHE, University of Kansas, Lawrence, Kan.
 80 Small Mammals, from Kansas.
- MRS. GUIDO FURMAN, New York City.
 1 Water Spaniel.
- WALTER W. GRANGER, New York City.
 11 Varying Hares; 3 White-footed Mice; 3 Meadow Mice, from Vermont.
- DR. JUAN GUNDLACH, Havana, Cuba.
 6 Skulls of *Capromys*, from Cuba.

- CARL HAGENBECK, New York City.
1 Indian Porcupine.
- MRS. WILLIAM L. HASKINS, Governor's Island, N. Y.
1 Mounted Elk head, from Nebraska.
- MUSEO NACIONAL DE COSTA RICA, San José, Costa Rica.
54 Small Mammals, from Costa Rica.
- W. A. PROUDFOOT,
1 Woodchuck.
- WILLIAM M. RICHARDSON, New York City.
2 Gray Squirrels.
- JOHN ROWLEY, JR., New York City.
2 Wood Hares ; 1 Red Fox.
- E. W. SMITH, Orange, N. J.
1 Gray Squirrel.
- WILLIAM WALLACE, New York City.
2 Canada Porcupines ; 4 Gray Squirrels ; 1 Opossum ; 1 Collie Dog.
- JAMES M. K. WHITE, Elizabeth, N. J.
1 Opossum.
- DR. J. WILLISTON WRIGHT, New York City.
1 Skull, and 1 skeleton of *Hyrax*, from Syria.

DEPARTMENT OF BIRDS.

- E. COLLINS, West Hoboken, N. J.
6 Least Bitterns.
- DR. W. A. CONKLIN, New York City.
1 *Spindalis zena*.
- JAMES M. CONSTABLE and WM. E. DODGE, New York City.
2452 Bird skins, from India.
- J. J. CROOKE, Staten Island, N. Y.
106 Nests and 608 eggs, mostly North American.
- DEPARTMENT OF PUBLIC PARKS, New York City.
1 Bald Eagle ; 4 Hawks ; 5 Owls ; 1 Cassowary ; 7 Swans ; 2 Scarlet Ibises ; 1 Sacred Ibis ; 3 Crows ; 1 Pheasant ; 3 Quails ; 1 Shearwater ; 1 Gannet ; 1 Murre ; 1 Bittern ; 1 Rail ; 5 Parrots ; 4 Cockatoos ; 8 Paroquets ; 2 Orioles ; 7 Grosbeaks and Finches ; 2 Thrushes ; 1 Flicker. Total, 62 specimens, received in the flesh.
- WM. E. DODGE, New York City.
(See under James M. Constable.)
- MRS. ELIZABETH K. DOW, New York City.
25 Small birds, from Panama.
- WILLIAM DUTCHER, New York City.
13 Specimens, mostly received in the flesh.
- CHARLES R. FLINT, New York City.
1 Mounted European Widgeon, taken at Currituck Sound, N. C.
- W. W. GRANGER, New York City.
1 Pileated Woodpecker ; 1 Pine Grosbeak.
- DR. JUAN GUNDLACH, Havana, Cuba.
8 Specimens, from Cuba.
- H. O. HAVERMEYER, JR., New York City.
1 Frill-back Pigeon.

- C. B. ISHAM, New York City.
181 Bird skins, from Java.
- H. K. JAMES, Rockville, Conn.
Collection of birds' eggs; 1 Blue Heron.
- GEORGE N. LAWRENCE, New York City.
7 Hummingbirds; 5 Hawks; 1 Ocelated Turkey.
- LEWIS MORRIS, New York City.
2 Bonaparte Gulls; 2 Swallows; 1 Cuckoo.
- MRS. JOHN I. NORTHROP, Yonkers, N. Y.
Nest and eggs of *Icterus northropi*.
- J. ROWLEY, JR., New York City.
3 Canada Jays; 1 Woodcock; 3 Ruffed Grouse.
- HUGH AUCHINCLOSS SMEDBERG, New York City.
9 Mounted birds. (Erroneously accredited in Ann. Rep. for 1892.)
- JOHN C. SPRAGUE, New York City.
2 Gulls.
- C. TRAVIS, Orange, N. J.
1 Red Phalarope.
- I. N. TRAVIS, Orange, N. J.
1 Osprey; 2 Horned Grebes; 1 Hawk; 1 Heron; 5 small birds.
- GEORGE TROTTER, New York City.
2 Mounted Albatrosses.
- WILLIAM WALLACE, New York City.
2 Loons.
- WILLIAM WALLACE and J. ROWLEY, JR., New York City.
10 Shearwaters; 6 Jaegers; 2 Kittiwakes; 3 Guillemots; 2 Fulmars;
2 Yellowlegs; 1 Sanderling; 1 Titlark.

DEPARTMENT OF REPTILES AND FISHES.

- DEPARTMENT OF PUBLIC PARKS, New York City.
2 Alligators; 2 Tortoises; 1 Shark.
- MRS. ELIZABETH K. DOW, New York City.
14 Bottles of Fishes and Reptiles, from Central America.
- L. P. GRATACAP, New York City.
1 Fish, from Grand Menan.
- J. L. HARVEY, New York City.
1 Horned Toad.
- DR. E. O. HOVEY, New York City.
1 Sea Robin, from Long Island Sound.
- A. M. MCGREGOR, New York City.
1 Mounted Tarpon, from Fort Myers, Fla.
- MRS. A. M. MCGREGOR, New York City.
2 Mounted Fishes, from Florida.
- W. C. McGRUTHER, New York City.
1 Horned Toad.
- W. M. MITCHELL, Bryn Mawr, N. Y.
1 Hog-nosed Snake.
- WILLIAM NIVEN, New York City.
1 Angler Fish.
- PROF. R. P. WHITFIELD, New York City.
1 Hippocampus; 12 Skate's eggs.

DEPARTMENT OF ENTOMOLOGY.

- DR. HARRY T. CRONK, New York City.
Nest of Carpenter Bee.
- H. CARACCIOLA, Trinidad, W. I.
A small collection of insects, from Trinidad.
- EMIL FAYEN, Astoria, N. Y.
Several specimens of Bees and Wasps.
- IRWIN CADMUS, New York City.
1 Bird Spider, from Baracoa, W. I.
- JOSEPH B. FLYNN.
1 Bird Spider, from Mexico.
1 Whip Scorpion, from California.
- A. P. MORSE, Wellesley, Mass.
Type specimens of *Sphargemon saxatile* and *S. scudderi*.
- J. H. WINSER, New York City.
1 Nest of Trap-door Spider.
- F. E. CHURCH, Hudson, N. Y.
Specimens of *Cicada pupa* infested with fungus.
- DR. J. L. WORTMAN and W. GRANGER.
A small collection of insects from Kansas and Dakota.

DEPARTMENT OF ANTHROPOLOGY.

- MISS EMILY BROWN.
2 Ivory vases from China.
- CLARENCE B. MOORE, Philadelphia.
Ampullaria depressa, from a shell-heap near Thornbill Lake, Volusia Co., Fla.
- MRS. A. DAVIS, New York.
3 Copper implements from Chimbote, Peru.
- MRS. WILLARD PARKER, New York.
1 Zulu wooden spoon, Africa.
1 Tripod vase from grave, Chiriqui, Central America.
1 Gold image, bird-form, " " "
5 Dishes made of Agalmatolite, China.
- J. J. CROOKE, Staten Island.
1 Nephrite celt.
1 Stone axe.
- JOSEPH HUSSON, JR., New York.
40 Chipped stone implements, collected by the donor at Clason Point, Cornell's Neck, Westchester, New York.
- JAMES M. CONSTABLE, New York.
Burnt human bones and 15 stone and bone implements from the exploration of three mounds in Ross Co., Ohio, by W. K. Moorehead.
- DR. HENRY M. FIELD, New York.
Fragment of mummy-cloth with hieroglyph, from the body of Rameses II, XIX Dynasty, 1500 years B. C. Given to Dr. Field by Dr. Grant Bey of Cairo.
- J. A. BAILEY, New York.
A catamaran from Point de Galle, Ceylon. A small boat, called Lotu-savata, from the Sulu Islands. A Burmese racing cart, used for driving trotting steers, from Pegu, Lower Burmah.

M. H. SAVILLE, New York.

A small collection of stone implements, fragments of pottery and other objects, found by the donor on Manhattan Island.

MORRIS K. JESUP, New York.

A collection made in Mexico by Mr. William Niven, consisting of 633 specimens of pottery, carved stones, implements, ornaments and small idols, all from sites of ancient settlements in various parts of Southern Mexico.

EXCHANGES.

LIBRARY.

H. H. & C. S. BRIMLEY, Raleigh, N. C.

30 Natural History Pamphlets.

GEOLOGICAL DEPARTMENT.

D. K. GREGOR, Fulton, Mo.; the following Devonian fossils from Snyder Creek, Mo.

- | | | | |
|---|------------------------|--------------------------------|------------------|
| 3 | Specimens of | <i>Productus Callawayensis</i> | Swallow. |
| 4 | " | <i>Orthis impressa.</i> | |
| 5 | " | <i>Spirifera annæ</i> | Swallow. |
| 4 | " | <i>Atrypa reticularis.</i> | |
| 5 | " | <i>Athyris minima</i> | Swallow. |
| 4 | " | <i>Lioclema occidens</i> | H. & W. |
| 5 | " | <i>Strophodonta subnavalis</i> | Swallow. |
| 5 | " | " | <i>navalis</i> " |
| 4 | " | " | <i>inflexa</i> " |
| 3 | " | <i>Callawayensis.</i> | |
| 1 | Unidentified specimen. | | |

F. W. SARDESON, Minneapolis, Minn.

- | | | | |
|----|--------------|-------------------------|---------------------------|
| 3 | Specimens of | <i>Orthis petra</i> | Sardeson. |
| 3 | " | <i>Zygospira Uphami</i> | Winch. & Sardeson. |
| 16 | " | " | ? <i>aquila</i> Sardeson. |

MINERALOGICAL DEPARTMENT.

L. BLUMENTHAL, New York City.

- | | | | |
|---|--------------|---------------------------|---------------------------|
| 1 | Specimen of | Chrysocolla under Quartz, | from Globe Mine, Arizona. |
| 2 | Specimens of | Cuprite | from Globe Mine, Arizona. |

L. CAHN, New York City.

- | | | | |
|---|-------------|-------------|-------------------------|
| 1 | Specimen of | Boleite, | from Colorado. |
| 1 | " | Orthoclase, | from Gunnison Co., Cal. |

DEPARTMENT OF MAMMALS.

570 Small Mammals, mostly from Arizona, Canada and New Brunswick.

DEPARTMENT OF BIRDS.

92 Specimens, from New Brunswick.

DEPARTMENT OF ENTOMOLOGY.

MRS. A. T. SLOSSON, New York City.
75 Specimens of different kinds of insects.

PURCHASES.

LIBRARY.

- Edwards Butterflies of North America. No. 15. 1894.
Trow's New York City Directory. 1894.
Publisher's Weekly. 1894.
Annual Literary Index. 1892, 1893.
The City Record. 1894.
Science. 1894.
American Journal of Science and Arts. 1894.
American Geologist. 1894.
American Naturalist. 1894.
Garden and Forest. 1894.
Forest and Stream. 1894.
The Ibis. 1894.
The Zoölogist. 1894.
Nature. 1894.
Annals and Magazine of Natural History. 1894.
Biologia Centrali Americana. Nos. 113-119. 1894.
Tryon's American Marine Conchology. Manual of Conchology. Nos. 34, 35, 58, 59.
Zoölogical Record. 1893.
Zoölogischer Anzeiger. 1894.
Palæontographica. 1894.
Cabanis's Journal für Ornithologie. 1894.
Neues Jahrbuch Mineralogie, Geologie und Palæontologie. 1894.
Palæontographical Society. 1893.
Fergusson, J. Tree and Serpent Worship. 1868.
Coues, E. Lewis and Clark's Expedition to Sources Missouri. 4 Vols. 1893.
Harris, G. D. Republication of Conrad's Fossil Shells of N. A. 1893.
The International Cyclopaedia. Vols. I-XV. 1893.
Conrad, T. A. Republication of Conrad's Fossils of U. S. 1893.
Cassino, S. E. The Scientist's International Directory. 1894.
Proceedings of Zoölogical and Acclimation Society of Victoria. Vol. II. 1873.
Götze, J. A. E. Abhandlungen zur Geschichte der Insekten. 7 Vols. 1778-1783.
Ochsenheimer, F. Die Schmetterlinge von Europa. 10 Vols. 1807-1835.
Fabricii, J. C. Entomologia Systematica Emendata. 8 Vols. 1792-1798.
Illiger, Karl. Magazin für Insektenkunde. 6 Vols. 1802-1804.
Lespeyres, I. H. Sesiae Europaeae. 1801.
Stoll, C. Natuurlijke Afbeeldingen en Beschrijvingen. 2 Vols. 1813.
Walker, F. Catalogue of Specimens Blattariae, British Museum. 1868.
Walker, F. Catalogue of Specimens Dermaptera Saltatoria, British Museum. 5 Vols. 1869.
Bruner, C. v. Wattenwyl. Additamenta zur Monographie. 1891.
" " " Monographie der Phaneropteriden. 1878.
Staudinger, O. Beitrag zur Feststellung Sesien-Arten, etc. Europae. 1856.
Tegetmeier, W. B. Pigeons : Structure and Management. 1868.

- American Entomological Society. Transactions. Vols. XIX, XX, XXI, 1, 2. 1892-1894.
 Mexican Picture-Chronicle of Cempoallan, etc. 1890.
 Baird, Brewer and Ridgway. A History of N. A. Birds. 3 Vols. 1875.
 Beauchamp, W. M. The Iroquois Trail ; or, Foot-Prints of the Six Nations, etc. 1892.
 Beauchamp, W. M. Indian Names in New York. 1893.
 Nordenskiöld, G. Cliff Dwellers of the Mesa Verde. 1893.
 Fisher, H. Dr. Bericht über Anzahl Steinsculpturen aus Costarica. 1881.
 Rasny, L. de. Discours sur les études archéologiques Americaines. 1882.
 " " Rapport sur le concours relatif a la Géographie, etc. 1836.
 " " numération dans la langue, etc. 1875.
 Saussure, H. de. Découverte de ruines d'une ancienne Ville Mexicaine, etc. 1858.
 Lüders, C. W. Der grosse Goldfund in Chiriqui. 1859.
 Reports of British Association for Advancement of Science. 10 Vols. 1866-1875.
 Bevan, E. The Honey Bee. 1870.
 Blackman, R. D. A Dictionary of Foreign Phrases, etc. 1893.
 Hanford, G. F. Moths of British India. 2 Vols. 1892, 1894.
 Atlantic Monthly. 12 Vols. 1857-1863.
 Putnam's Monthly. 12 Vols. 1853-1857.
 Bibliographia Zoologiæ et Geologiæ. 4 Vols.
 Bartlett, J. R. Dictionary of Americanisms. 1860.
 Arago, F. Biographies of Distinguished Scientific Men. 1859.
 Hardwicke's Science Gossip. 64 Nos.
 Nature. 16 Vols.
 The Natural History Review and Quarterly Journal Science. Vol. VI, No. 4. 1859.
 The Zoölogist. 11 odd numbers.

GEOLOGICAL DEPARTMENT.

- 2 Specimens of Turrilite and 1 of Baculite, from the Cretaceous of the Black Hills, S. Dak.

THROUGH MUSEUM EXPEDITIONS.

- 47 Specimens of invertebrate fossils, from the Belle Fourche River, Black Hills, S. Dak.; including some very fine Ammonites, Nautilus and Baculites, collected by J. W. Gidley.

MINERALOGICAL DEPARTMENT.

BY PURCHASE.

- 1 Eighteen-inch slab and one column of Rose Garnet, from Xalostoc, Mexico.
 2 Slabs of Mexican Onyx, from Pueblo, Mexico.
 1 Specimen of Quartz on Chrysocola, from Old Globe Mine, Gila Co., Ariz.
 1 Cut stone of " and " " " " " "
 1 " specimen of Diopside, from De Kalb, St. Lawrence Co., N. Y.
 2 " " Fluorite, from Weardale, England.
 1 " " Hiddenite, from Alexander Co., N. C.
 1 Cabochon of Amber, from near Catania, Sicily.
 1 Large flat crystal of Selenite, from Wayne Co., Utah.

DEPARTMENT OF MAMMALS.

BY PURCHASE.

1198 Specimens, mostly from North Carolina, Florida, Texas, Arizona, California and Mexico.

THROUGH MUSEUM EXPEDITIONS.

833 Specimens, as follows: From Trinidad, 335; from Mexico, 18; from South Dakota and Kansas, 456; from New Brunswick, 24.

DEPARTMENT OF BIRDS.

BY PURCHASE.

389 Specimens, from Southern and Lower California.

THROUGH MUSEUM EXPEDITIONS.

297 Specimens, from Trinidad, South Dakota and Kansas.

DEPARTMENT OF REPTILES AND FISHES.

THROUGH MUSEUM EXPEDITIONS.

Reptiles from Trinidad; 12 Snakes and 1 Turtle, from South Dakota and Kansas.

DEPARTMENT OF ENTOMOLOGY.

BY PURCHASE.

275 Specimens of Butterflies and Moths.

About 3000 specimens from localities within fifty miles from New York City.

DEPARTMENT OF MAMMALIAN PALÆONTOLOGY.

THROUGH MUSEUM EXPEDITIONS.

From Expedition into Miocene Bad Lands, Dakota, 400 specimens, including about 6, more or less, perfect skeletons.

From Expedition into Eocene Bad Lands, Utah, 140 specimens of skulls and other parts of skeletons.

From Expedition into Loup Fork Bad Lands of Kansas, about 100 specimens, including an almost complete skeleton of large Rhinoceros.

BY PURCHASE.

Purchased from Princeton College, 4 specimens.

“ “ Chas. Sternberg, 10 “

DEPARTMENT OF ANTHROPOLOGY.

BY PURCHASE.

A collection of pottery, stone implements, human skeletons, bones of animals, and other objects. All found by Mr. A. C. Chenoweth in shell-heaps, graves and old Indian village sites in the vicinity of Inwood, Manhattan Island.

2 Pottery vases from Mexico.

An ethnological collection of mythological figures, cut in leather and carved in wood; garments, musical instruments, blow guns, etc., from Java.

5 Ivory tusks, with native etched pictures, from Port Clarence, Alaska.

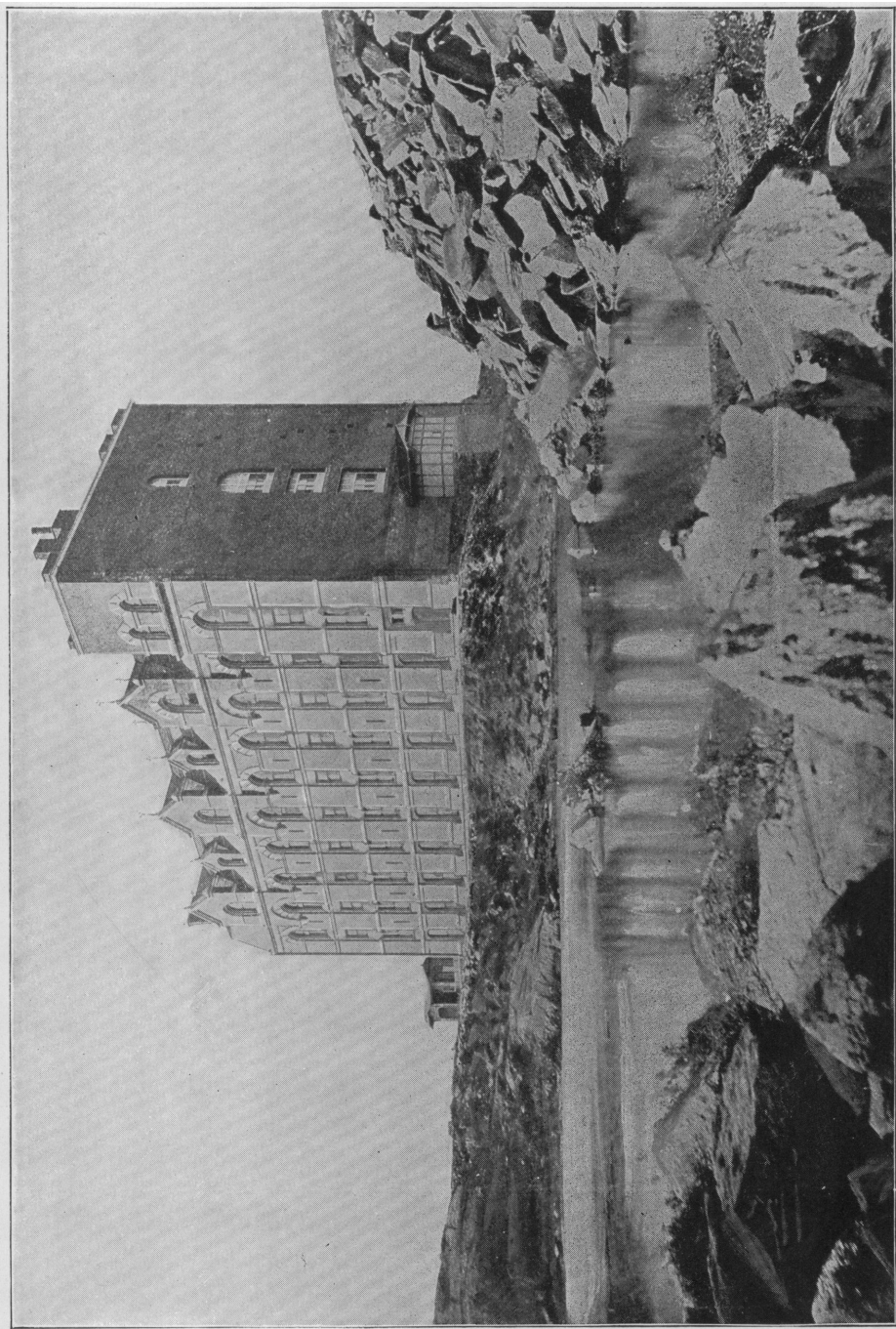
The large archæological and ethnological collection from Alaska, and from the Western Eskimo, made by Lieut. Geo. T. Emmons, and exhibited at the World's Columbian Exposition; also an important addition to the collection made by Lieut. Emmons since his return to Alaska. (These combined are known as the Second Emmons' Collection.)

BY SPECIAL EXPEDITIONS OF THE DEPARTMENT.

Several large lots of mummies, fabrics, implements, ornaments, pottery and other objects have been received from the explorations in Peru by Mr. A. F. Bandelier.

Several lots of ethnological material from tribes in Northern Mexico; also archæological specimens, and human skulls and skeletons, have been received from Dr. Lumholtz' explorations in Northern Mexico.

An ethnological collection is on the way from Vancouver Island, the result of the special work of Dr. Franz Boas for the Museum.



VIEW OF MUSEUM BUILDING, 1878.

INCORPORATION.

AN ACT

TO INCORPORATE THE

AMERICAN MUSEUM OF NATURAL HISTORY,

Passed April 6, 1869.

The People of the State of New York, represented in Senate and Assembly, do enact as follows :

SECTION 1. John David Wolfe, Robert Colgate, Benjamin H. Field, Robert L. Stuart, Adrian Iselin, Benjamin B. Sherman, William A. Haines, Theodore Roosevelt, Howard Potter, William T. Blodgett, Morris K. Jesup, D. Jackson Steward, J. Pierpont Morgan, A. G. P. Dodge, Charles A. Dana, Joseph H. Choate, and Henry Parish, and such persons as may hereafter become members of the corporation hereby created, are hereby created a body corporate, by the name of "The American Museum of Natural History," to be located in the City of New York, for the purpose of establishing and maintaining in said city a Museum and Library of Natural History ; of encouraging and developing the study of Natural Science ; of advancing the general knowledge of kindred subjects, and to that end of furnishing popular instruction and recreation.

SEC. 2. Said Corporation shall have power to make and adopt a Constitution and By-Laws, and to make rules and regulations for the admission, suspension, and expulsion of its members, and their government, the number and election of its officers, and to define their duties, and for the safe keeping of its property, and, from time to time, to alter and modify such Constitution, By-Laws, Rules, and Regulations. Until an election shall be held pursuant

to such Constitution and By-Laws, the persons named in the first section of this Act shall be, and are hereby declared to be the Trustees and Managers of said Corporation and its property.

SEC. 3. Said Corporation may purchase and hold, or lease, any real and personal estate necessary and proper for the purposes of its incorporation, provided they shall not hold real estate which shall exceed one hundred thousand dollars in value.

SEC. 4. Said Corporation shall possess the general powers, and be subject to the restrictions and liabilities prescribed in the Third Title of the Eighteenth Chapter of the First Part of the Revised Statutes.

SEC. 5. This Act shall take effect immediately.

STATE OF NEW YORK, }
OFFICE OF THE SECRETARY OF STATE. } ss.

I have compared the preceding with the original law on file in this office, and do hereby certify that the same is a correct transcript therefrom, and of the whole of said original law.

[L. s.] Given under my hand and seal of Office at the City of Albany,
this fourteenth day of April, in the year one thousand eight
hundred and sixty-nine.

D. WILLERS, JR., *Deputy Secretary of State.*

CONSTITUTION
OF THE
AMERICAN MUSEUM OF NATURAL HISTORY,
IN THE CITY OF NEW YORK.

ARTICLE I.

This Corporation shall be styled the AMERICAN MUSEUM OF NATURAL HISTORY.

ARTICLE II.

The several persons named in the charter, and such others as they may add to their number, which shall not exceed twenty-five in all at one time, shall be the Trustees to manage the affairs, property, and business of the Corporation, and in case of the death, accepted resignation, or removal from the State of any Trustee, a new Trustee shall be elected to fill his place by the remaining Trustees ; but no election of a Trustee shall be held except at a quarterly meeting of the Trustees, on written notice of not less than one week, specifying that such election is to be held, and the vacancy which is to be filled ; and every election of Trustees shall be by ballot, and no person shall be deemed to be elected a Trustee unless he shall receive the votes of at least three-fourths of the Trustees present.

ARTICLE III.

The Trustees shall meet quarterly, on the second Monday of every February, May, August and November, at an hour and place to be designated, on at least one week's written notice from the Secretary, and shall annually, at the quarterly meeting in February, elect the officers and committees for the ensuing year. They shall also meet at any other time to transact special business on a call of the Secretary, who shall issue such call whenever

requested so to do, in writing, by five Trustees, or by the President, and give written notice to each Trustee of such special meeting, and of the object thereof, at least three days before the meeting is held.

ARTICLE IV.

SECTION 1. The officers of said Corporation shall be a President, a First Vice-President, a Second Vice-President, and a Treasurer, all to be elected from the Trustees. These officers shall be elected by ballot, and the persons having a majority of the votes cast shall be deemed duly elected. They shall hold their offices for one year or until their successors shall be elected.

SEC. 2. The Board of Trustees shall appoint each year, in such manner as it may direct, the following Standing Committees: an Executive Committee, an Auditing Committee, a Finance Committee and a Nominating Committee. These Committees are all to be elected from the Trustees, and the members shall hold office for one year or until their successors shall be elected.

The Board of Trustees shall also have authority to appoint such other Committees or officers as they may at any time deem desirable, and to delegate to them such powers as may be necessary.

ARTICLE V.

SECTION 1. The President shall have a general supervision and direction over the affairs of the Corporation, and shall preside at all the meetings of the Museum and of the Trustees. In his absence or inability to act the First or Second Vice-President shall act in his place.

SEC. 2. The Secretary shall be appointed by the Board of Trustees. He shall be present, unless otherwise ordered by the Board, at all the meetings of the Museum and Trustees, of the Executive Committee and such other Committees as the Board may direct. He shall keep a careful record of the proceedings of such meetings, shall preserve the seal, archives and correspondence of the Museum, shall issue notices for all meetings of the Trustees and various committees, and perform such other duties as the Board may direct.

The Board of Trustees shall have power to appoint an Assistant Secretary, who, under its directions, shall perform the duties of the Secretary in his absence or inability to act.

SEC. 3. The Treasurer shall receive and disburse the funds of the Museum. He shall report in writing, at each quarterly meeting of the Trustees, the balance of money on hand, and the outstanding obligations of the Museum, as far as practicable; and shall make a full report at the Annual Meeting of the receipts and disbursements of the past year, with such suggestions as to the financial management of the Museum as he may deem proper.

SEC. 4. The accounts of the Museum shall be kept at the General Office, in books belonging to it, which shall at all times be open to the inspection of the Trustees.

These accounts shall be under the care of an Assistant Treasurer, who shall be appointed by the Board of Trustees and be under their direction. He shall give such bonds for the faithful performance of his duties as the Board may direct.

SEC. 5. The office of Secretary and of Assistant Treasurer may be held by the same person.

ARTICLE VI.

The Executive Committee shall consist of nine, of whom the President, First and Second Vice-Presidents, and Treasurer shall be four. The five members of the Executive Committee, elected in February, 1887, shall forthwith draw lots for terms of one, two, three, four, and five years, respectively, and the terms for which those drawing the two, three, four, and five years, respectively, were elected, are hereby extended to cover those periods; and hereafter at each annual election one member of the Executive Committee shall be elected to serve for five years. They shall have the control and regulation of the Collections, Library and other property of the Museum; and shall have power to purchase, sell, and exchange specimens and books, to employ agents, to regulate the manner and terms of exhibiting the Museum to the public, and generally to carry out in detail the directions of the Trustees; but the Executive Committee shall not incur any expense or liability for the Museum exceeding two

thousand dollars at one time, or exceeding in all ten thousand dollars, in the interval between the quarterly meetings of the Trustees, without the express sanction of the Trustees. Five members of the Committee shall constitute a quorum for the transaction of business.

ARTICLE VII.

The Auditing Committee shall consist of three Trustees. It shall be their duty to examine and certify all bills presented against the Corporation, and no bills shall be paid unless first approved by the President, or the Chairman of the Executive Committee, in writing, and by at least one member of this Committee.

They shall also have the books of the Museum duly audited at least once in six months by an authorized public accountant to be selected by them.

ARTICLE VIII.

The Finance Committee shall consist of four, including the Treasurer. It shall be their duty to take charge of and invest the funds of the Museum in its name and to take all proper measures to provide means for its support ; and they shall have the sole custody of the securities belonging to the invested funds of the Museum, subject to the order of the Board of Trustees.

ARTICLE IX.

The Nominating Committee shall be composed of three, to whom shall be first submitted the name of any person proposed as a candidate for election to membership in the Board of Trustees. The Committee shall report on such candidates from time to time, as they may deem to be for the interest of the Museum.

ARTICLE X.

The President shall be a member, *ex-officio*, of all standing committees.

ARTICLE XI.

A majority of the Trustees for the time being shall constitute a quorum for the transaction of business, but five Trustees meeting

may adjourn and transact current business, subject to the subsequent approval of a meeting at which a quorum shall be present.

ARTICLE XII.

By-Laws may from time to time be made by the Trustees providing for the care and management of the property of the Corporation and for the government of its affairs, and may be amended at any meeting of the Trustees by a vote of a majority of those present, after a month's notice in writing of such proposed amendment.

ARTICLE XIII.

The contribution of \$1000 or more to the funds of the Museum, at any one time, shall entitle the person giving the same to be a Patron of the Museum, who shall have the right in perpetuity to appoint the successor in such patronship.

The contribution of \$500, at one time, shall entitle the person giving the same to be a Fellow, who shall have the right to appoint one successor in such fellowship.

No appointment of a successor shall be valid unless the same shall be in writing, endorsed on the certificate, or by the last will and testament.

The contribution of \$100, at one time, shall entitle the person giving the same to be a Life Member.

Any person may be elected by the Trustees to either of the above degrees, who shall have given to the Museum books or specimens, which shall have been accepted by the Executive Committee, or by the President, to the value of twice the amount in money requisite to his admission to the same degree, and the President and Secretary shall issue diplomas accordingly under the seal of the Museum.

The Trustees may also elect Honorary Fellows of the Museum in their discretion.

ARTICLE XIV.

Any person who has held the office of President for ten or more successive years may be elected by the Trustees as Honorary President for life.

ARTICLE XV.

No alterations shall be made in this Constitution, unless at a regular quarterly meeting of the Trustees ; or at a special meeting called for this purpose, nor by the votes of less than a majority of all the Trustees ; nor without notice in writing of the proposed alteration, embodying the amendment proposed to be made, having been given at a regular meeting.

BY-LAWS.

I.

Patrons, giving \$1000, are each entitled to one Subscriber's Ticket, 5 Complimentary Season Tickets, and 10 Tickets for a single admission.

Fellows, giving \$500, are each entitled to 1 Subscriber's Ticket, and 10 Tickets for a single admission.

Life Members, giving \$100, are each entitled to 1 Subscriber's Ticket, and 5 Tickets for a single admission.

Annual Members, paying \$10 yearly, are each entitled to 1 Subscriber's Ticket, and 2 Tickets for a single admission.

[NOTE.—A Subscriber's Ticket admits two persons to the Museum on reserve days (Mondays and Tuesdays), and to all Receptions and Special Exhibitions, and may be used by any member of the Subscriber's family.

The Single Admission Tickets admit the bearers to the Museum on reserve days (Mondays and Tuesdays), and are issued to Subscribers for distribution among friends and visitors.]

II.

Any Trustee who shall fail to attend three consecutive Regular Quarterly Meetings of the Board shall cease to be a Trustee, unless excused by the Board.

III.

No gentleman shall hereafter be eligible to the position of a Trustee who shall not be a "Patron" of the Museum, unless by a unanimous vote of a quorum of the Board—excepting Trustees *ex-officio*—nor be eligible unless his name shall be presented by the Nominating Committee at a Regular Quarterly Meeting prior to the meeting at which said election shall take place.

IV.

No indebtedness (other than for current expenses) shall be incurred by any committee, officer or employee of the Museum, except as provided for in the Constitution. Any desired additional expenditure shall first receive the approval of the Board of Trustees.

V.

If any Trustee shall accept a salary from this Corporation he shall thereby be disqualified for the time being from acting as a Trustee thereof; provided, that the Board of Trustees shall have power to suspend the operation of this law in any special case.

VI.

Any vacancies occurring in the membership of the several committees during the interval between the regular meetings of the Board of Trustees may be filled at a regular meeting of the Executive Committee, until the next meeting of the Board.

VII.

All bequests or legacies, not especially designated, shall hereafter be applied to the *Permanent Endowment Fund*, the interest only of which shall be applied to the use of the Museum as the Board shall direct.

VIII.

At such times as it may be impracticable to obtain the services of the members of the Auditing Committee, the members of the Executive Committee may act in their place and stead.

PATRONS.

By the Payment of One Thousand Dollars.

MORRIS K. JESUP.
 ROBERT L. STUART.*
 Miss C. L. WOLFE.*
 ROBERT COLGATE.*
 FREDERIC W. STEVENS.
 PERCY R. PYNE.
 JAMES M. CONSTABLE.
 JOHN B. TREVOR.*
 ADRIAN ISELIN.
 HUGH AUCHINCLOSS.*
 JOSEPH W. DREXEL.*
 WILLIAM E. DODGE.*
 JOHN D. WOLFE.*
 ABRAM S. HEWITT.
 C. VANDERBILT.
 J. PIERPONT MORGAN.
 CHARLES LANIER.
 D. JACKSON STEWARD.
 EDWARD CLARK.*
 A. G. PHELPS DODGE.
 JAMES BROWN.*
 A. T. STEWART.*
 S. WHITNEY PHENIX.*
 BENJAMIN H. FIELD.*
 WILLIAM T. BLODGETT.*
 OLIVER HARRIMAN.
 ROBERT BONNER.
 JAMES B. COLGATE.
 ALEXANDER STUART.*
 WILLIAM A. HAINES.*
 BENJAMIN AYMAR.*
 RICHARD ARNOLD.*
 JOSEPH H. CHOATE.
 JONATHAN THORNE.*
 Miss PHEBE ANNA THORNE.
 D. O. MILLS.
 JOHN A. C. GRAY.
 HEBER R. BISHOP.
 CHAS. G. LONDON.*
 WILLIAM E. DODGE.

PETER COOPER.*
 WILLIAM H. ASPINWALL.*
 B. H. HUTTON.*
 J. TAYLOR JOHNSTON.*
 D. N. BARNEY.*
 I. N. PHELPS.*
 JAMES STOKES.*
 D. WILLIS JAMES.
 EDWARD MATTHEWS.
 WILLIAM T. GARNER.*
 JAMES LENOX.*
 A. H. BARNEY.*
 COLEMAN T. ROBINSON.*
 BENJAMIN B. SHERMAN.*
 JAMES R. ELY.
 JONAS G. CLARK.
 JOHN ANDERSON.*
 JOHN JACOB ASTOR.*
 WILLIAM WALDORF ASTOR.
 CATHERINE L. SPENCER.*
 JAS. GORDON BENNETT.
 CYRUS W. FIELD.*
 ALEX. H. BROWN, M.P.
 J. A. BOSTWICK.*
 FREDERICK BILLINGS.*
 Mrs. ROBERT L. STUART.*
 JESSE SELIGMAN.*
 THEO. ROOSEVELT.
 OSWALD OTTENDORFER.
 J. HAMPDEN ROBB.
 J. F. LOUBAT.
 H. J. JEWETT.
 WM. D. SLOANE.
 D. G. ELLIOT.
 LIEUT. G. T. EMMONS.
 C. P. HUNTINGTON.
 GEO. W. VANDERBILT.
 EDWARD D. ADAMS.
 WILLIAM C. SCHERMERHORN.
 JOHN J. CROOKE.

* Deceased.

HENRY SELIGMAN.
 RICHARD T. WILSON.
 JOHN E. PARSONS.
 FRANCIS O. MATTHIESSEN.
 A. J. FORBES-LEITH.
 GEORGE BLISS.
 M. C. D. BORDEN.
 ARCHIBALD ROGERS.
 GEORGE C. COOPER.
 MRS. M. SCHUYLER ELLIOT.
 APPLETON STURGIS.
 THEODORE A. HAVEMEYER.

WILLIAM C. WHITNEY.
 GEORGE G. HAVEN.
 JAMES BAKER SMITH.
 CYRUS W. FIELD, JR.*
 JAMES ANGUS.
 HENRY VILLARD.
 DR. WM. PEPPER.
 AUSTIN CORBIN.
 ANSON W. HARD.
 GUSTAV E. KISSEL.-
 ELBRIDGE T. GERRY.

Honorary Patron:

DR. EDGAR A. MEARNS, U. S. A.

FELLOWS.

By the Payment of Five Hundred Dollars.

SAMUEL WILLETS.*
 ROBERT GORDON.
 HOWARD POTTER.
 C. V. S. ROOSEVELT.*
 CHARLES W. GRISWOLD.*
 SAMUEL F. B. MORSE.*
 RUTHERFORD STUYVESANT.
 MEREDITH HOWLAND.*
 MARSHALL O. ROBERTS.*
 JOHN ALSTYNE.*
 O. B. POTTER.*
 HON. LEVI P. MORTON.
 HANSON K. CORNING.*
 STEWART BROWN.*
 ABRAM DUBOIS.*
 TIFFANY CO.
 LUCIUS TUCKERMAN.
 ALFRED B. DARLING.
 A. A. LOW.*
 RICHARD MORTIMER, JR.
 THOS. A. VYSE, JR.
 GEORGE G. GRAY.*

GOVERNEUR KEMBLE.*
 SAMUEL HAWK.*
 JOHN SNEDEN.*
 GEORGE BLISS.
 R. A. WITTHAUS, M.D.
 THOMAS BARRON.*
 GEORGE W. CASS.*
 CHARLES W. CASS.
 H. M. SCHIEFFELIN.*
 PROF. WM. LIBBEY, JR.
 ROBERT LENOX KENNEDY.*
 F. R. HALSEY.
 CYRUS W. FIELD, JR.*
 H. M. FLAGLER.
 D. B. IVISON.
 H. McK. TWOMBLY.
 HENRY G. MARQUAND.
 JOHN T. TERRY.
 JOSIAH M. FISKE.*
 ELLIOTT F. SHEPARD.*
 JOHN SLOANE.*
 JOHN D. ROCKEFELLER.

* Deceased.

PHILLIPS PHOENIX.
LLOYD PHOENIX.
WM. H. HARBECK.
D. WOLFE BISHOP, Jr.
CORTLANDT FIELD BISHOP.

WHEATON B. KUNHARDT.
SAMUEL P. AVERY.
JAMES H. JONES.
JAMES B. HAGGIN.
MRS. RICHARD P. DANA.

Honorary Fellow :

JAMES THOMSON.*

LIFE MEMBERS.

By the Payment of One Hundred Dollars.

JOHN E. ALEXANDRE.
CONSTANT A. ANDREWS.
MRS. BLANCHE L. ANDREWS.
B. G. ARNOLD.
SAMUEL P. AVERY.
MRS. JAMES C. AYER.
MISS E. AYMAR.
JAMES A. BAILEY.
JAS. MUHLENBERG BAILEY.
DAVID BANKS.
HENRY I. BARBEY.
FORDYCE BARKER, M.D.*
W. H. BEADLESTON.
GEORGE E. BELCHER, M.D.*
C. M. BELL, M.D.
CORNELIUS N. BLISS.
A. K. BOLAN.
HENRI M. BRAEM.
BENJAMIN BREWSTER.
CHAS. P. BRITTON.
ADDISON BROWN.
FRANK G. BROWN.*
JAMES M. BROWN.*
JOHN L. CADWALADER.
MRS. ALEX. CAMERON.
CHAS. M. CAULDWELL, M.D.
ISAAC P. CHAMBERS.*
C. W. CHAPIN, Jr.
HENRY CHAUNCEY.

HENRY CLEWS.
CHARLES L. COLBY.
EDWARD COLGATE.*
WILLIAM COLGATE.
MISS ELLEN COLLINS.
MRS. WILLIAM COMBE.
FRED. H. COMSTOCK.
WASHINGTON E. CONNOR.
EDWARD COOPER.
ALEX I. COTHEAL.*
S. D. COYKENDALL.
JAMES CRUIKSHANK.
A. DALRYMPLE.*
CHAS. M. DAcOSTA.*
HENRY J. DAVISON.*
THOMPSON DEAN.
F. W. DEVOE.
GEORGE B. DE FOREST.
S. DeJONGE.
J. H. DeMOTT.*
NORMAN W. DODGE.
PETER DONALD.
E. J. DONNELL.
ANDREW E. DOUGLAS.
R. G. DUN.
WM. BUTLER DUNCAN.
JAMES H. DUNHAM.
EDWARD J. FARRELL.
JOHN FITCH.

* Deceased.

PROF. A. E. FOOTE.
 JAMES FRASER.
 FRANCIS P. FREEMAN.
 SETH BARTON FRENCH.
 GEORGE GARR.
 WILLIAM H. GEBHARD.
 THEODORE K. GIBBS.
 PARKE GODWIN.
 JAMES J. GOODWIN.
 STEPHEN T. GORDON.
 ANDREW H. GREEN.
 JOHN GREENOUGH.
 JOHN N. A. GRISWOLD.
 FRANKLIN L. GUNTHER.
 ALEX. HADDEN, M.D.
 JOHN A. HADDEN.
 JOHN P. HAINES.
 RICHARD T. HAINES.
 W. A. HAINES, JR.
 MISS E. S. HAINES.
 MRS. W. A. HAINES.
 WILLIAM M. HALSTED.
 WILLIAM GASTON HAMILTON.
 BENJAMIN HART.
 FREDERICK C. HAVEMEYER.*
 JACOB HAYS.
 MRS. E. HERRMAN.
 ALFRED M. HOYT.
 THEO. D. HOWELL.
 WILSON G. HUNT.*
 C. P. HUNTINGTON.
 W. B. ISHAM.
 D. B. IVISON.
 A. JACOBI, M.D.
 MISS C. O. JONES.
 CHAS. H. KALBFLEISCH.*
 GEORGE KEMP.
 RUDOLPH KEPPLER.
 JOHN KING.
 JOHN ALSOP KING.
 WM. M. KINGSLAND.
 A. C. KINGSLAND.
 PERCIVAL KNAUTH.
 GEORGE T. KNIGHT.
 JAMES KNIGHT, M.D.*
 GEO. F. KUNZ.

JOSEPH LAROCQUE.
 JAMES M. LAWTON.
 STEPHEN R. LESHER.
 JAMES LOW.
 EDWARD LUCKEMEYER.
 E. H. R. LYMAN.
 ALEXANDER MAITLAND.
 GODFREY MANNHEIMER.
 H. G. MARQUAND.
 PETER MARIE.
 WILLIAM C. MARTIN.*
 ALBERT MATHEWS.
 JOHN J. MCCOOK.
 JOHN T. METCALFE, M.D.
 CHARLES ADDISON MILLER.
 ROBERT B. MINTURN.*
 ROWLAND G. MITCHELL, JR.
 E. A. MOEN.
 E. C. MOORE.*
 CHARLES MORAN.
 MANDEVILLE MOWER.
 PERCY MUSGRAVE.
 THOMAS B. MUSGRAVE.
 W. B. NEFTTEL, M.D.
 H. VICTOR NEWCOMB.
 W. D. NICHOLS.
 WILLIAM NIVEN.
 THOMAS H. O'CONNOR.
 C. H. ODELL.
 E. OELBERMANN.
 H. O'NEILL.
 A. O. OSBORN.
 MRS. A. O. OSBORN.
 JOHN C. OSGOOD.
 HENRY PARISH.
 JOHN E. PARSONS.
 WILLIAM I. PEAKE.
 ALFRED PELL.
 MISS FRANCES PELL.
 GIFFORD PINCHOT.
 JAMES W. PINCHOT.
 HENRY B. PLANT.
 JOHN PONDRI.
 HENRY A. V. POST.
 A. A. RAVEN.
 ISAAC H. REED.*

* Deceased.

J. W. REINHART.
 ROBERT G. REMSEN.
 AUGUSTE RICHARD.
 GEORGE RICHARDS.
 CHANDLER ROBBINS.
 ARCHIBALD ROGERS.
 FRANKLIN D. ROOSEVELT.
 SAMUEL B. SCHIEFFELIN.
 JACOB H. SCHIFF.
 CHAS. S. SCHULTZ.
 WM. F. SEBERT.
 JAS. O. SHELDON.
 ELLIOTT F. SHEPARD.*
 JOHN H. SHERWOOD.
 I. H. SHOENBERGER.*
 S. N. SOLOMON.
 HENRY MILFORD SMITH.
 L. DINWIDDIE SMITH.
 HENRY F. SPAULDING.
 LOUIS STERN.
 ALEX. H. STEVENS.
 C. AMORY STEVENS.
 ANSON PHELPS STOKES.
 MISS OLIVIA E. P. STOKES.
 ISIDOR STRAUS.
 THOMAS W. STRONG.*

HENRY M. TABER.
 JAMES TERRY.
 SAMUEL THOMAS.
 FRED. F. THOMPSON.
 SAMUEL THORNE.
 A. N. TOWNE.
 EFFINGHAM TOWNSEND.
 SPENCER TRASK.
 EDWARD TUCK.
 EDWARD UHL.
 H. D. VAN NOSTRAND.
 HERMAN C. VON POST.
 DR. HENRY F. WALKER.
 BENJAMIN WELLES.
 FREDERICK B. WENDT.
 LOOMIS L. WHITE.
 ED. KIRK WILLARD.
 S. C. WILLIAMS.*
 JOHN T. WILLETS.
 ROBERT R. WILLETS.
 BENJAMIN A. WILLIS.
 EDWARD WINSLOW.
 JOHN WOLFE.
 HENRY H. WOTHERSPOON.
 JOHN H. WYMAN.
 MRS. JOHN J. WYSONG.

Honorary Life Members:

GEORGE H. BROWN.
 W. W. COLE.

PROF. JAMES DOUGLAS.
 MRS. FLORENCE HOWLAND.

HOFRATH A. B. MEYER.

* Deceased.

ANNUAL MEMBERS.

By the Payment of Ten Dollars Yearly.

Abegg, Henry	Beekman, Gerard	Brown, Vernon H.
Abbott, Frank, M.D.	Beer, Julius	Bruce, Col. S. D.
Agnew, John T.	Beers, M. H.	Bryce, William
Aitken, John W.	Bell, Isaac	Buckham, George
Aldrich, Mrs. H. D.	Bend, George H.	Burden, Henry, 2d
Alexander, Henry M.	Benedict, James H.	Burden, James A.
Alexander, Jas. W.	Benjamin, John	Butler, Charles
Alexander, John F.	Bentley, Charles E.	Butler, Prescott Hall
Allen, Calvin H.	Berdell, Theodore	Butler, Wm. Allen
Amend, Bernard G.	Berg, H. E.	
Amsinck, Gustave	Bernheimer, Mrs. A.	Cabot, Dr. John
Amy, H.	Bernheimer, Charles D.	Cahn, Leopold
Anderson, E. Ellery	Bernheimer, Charles L.	Calman, Emil
Anderson, Henry H.	Bernheimer, Simon	Cammann, H. H.
Andreini, J. M.	Berrian, Charles M.	Camp, Hugh N.
Appleton, Daniel	Betts, Samuel R.	Camp, W. A.
Appleton, Wm. H.	Bianchi, F.	Cannon, H. W.
Appleton, W. W.	Bien, Julius	Cassard, William J.
Archbold, John D.	Bissinger, Philip	Cheever, John H.
Armour, H. O.	Blagden, George	Chesebrough, Robert A.
Arnold, E. S. F., M.D.	Blanchard, G. R.	Chittenden, J.
Arnold, John H. V.	Bliss, George	Church, E. Dwight
Arnoux, William H.	Bliss, George T.	Cisco, John J.
Aronson, Rudolph	Bloodgood, John H.	Clark, Cyrus
Aufhauser, Samuel	Blumenthal, Aug.	Clark, George C.
	Bogert, Henry A.	Clarke, Charles C.
Babcock, Samuel D.	Bogert, Stephen G.	Clarke, Charles S.
Baldwin, C. C.	Bond, Frank S.	Clarkson, Frederick
Baldwin, J. G., M.D.	Bonn, William B.	Cochrane, John W.
Baldwin, O. D.	Booss, Frederick	Coffin, Chas. H.
Baldwin, W. D.	Borg, Simon	Coffin, Edmund
Ballin, Gustav	Boskowitz, I.	Coffin, William Edward
Bangs, L. Bolton, M.D.	Bowdoin, G. S.	Coggeshall, Edwin W.
Banta, C. V.	Bradley, S. R.	Cohen, Samuel M.
Banyer, Goldsborough	Bradley, William H.	Colgate, Abner W.
Barnes, E. W.	Breslin, James H.	Colgate, R. R.
Barnes, John S.	Bristol, John I. D.	Colgate, Samuel
Barnes, Theo. M.	Bristow, B. H.	Collins, Miss Ellen
Barney, Chas. T.	Brockway, A. N., M.D.	Collins, Miss M. M.
Bawden, Wm.	Brookfield, Wm.	Compton, A. T.
Beckel, Joseph	Brown, J. Crosby	Conger, Henry C.

- Conkling, Rev. Dr. N.W.
 Constable, Frederick A.
 Contoit, Chas. H.
 Cooper, John
 Cornell, R. R.
 Cory, Mrs. S. M.
 Coster, C. H.
 Cox, Allyn
 Cranitch, William I. A.
 Crawford, R. L.
 Crimmins, John D.
 Crocker, George Aug.
 Cross, Richard J.
 Cruger, S. V. R.
 Cummings, Richard
 Curtiss, Frank
 Cutting, Robt. Fulton
 Cutting, W. Bayard
- Dodge, Mrs. Wm. E., Jr.
 Doelger, Peter
 Dommerich, L. F.
 Doudge, James R.
 Dougherty, A.
 Doughty, Mrs. Alla
 Dowd, Hon. Wm.
 Dowd, Prof. Daniel L.
 Drake, John J.
 Drakenfeld, B. F.
 Draper, Dr. Wm. H.
 Draper, Frank E.
 Du Bois, Dr. Matthew B.
 Du Bois, Miss Katharine
 Du Bois, William A.
 Duncan, John P.
 Dunham, G. H.
 Dunlap, Robert
- Foster, Scott
 Frankenberg, D.
 Fraser, Alfred
 Fraser, George S.
 Freeborn, G. C., M.D.
 French, S. A.
 Frissell, A. S.
 Froescher, A. F.
- Gade, Henry
 Garland, James A.
 Gautier, J. H.
 Georger, Louis F.
 Gibb, John
 Gilberg, Charles A.
 Gillis, Chas. J.
 Goddard, F. N.
 Godfrey, Chas. H.
 Godkin, Edwin L.
 Goelet, Ogden
 Goldenberg, Simon
 Goodridge, Frederick
 Gordon, George
 Gossler, G. H.
 Gotthold, Fred.
 Grace, Wm. R.
 Gracie, J. K.
 Graham, Malcolm
 Greacen, Thomas E.
 Greenwood, Isaac J.
 Gregory, Chas. E.
 Guggenheimer, Randolph
 Gulliver, William C.
 Gunther, F. Frederick
 Gurnee, W. S.
- Daly, Hon. Chas. P.
 Davies, William G.
 Davison, C. A.
 Day, Edward G., M.D.
 Day, Henry M.
 Day, Rev. Henry S.
 Decker, Joseph S.
 Deeves, Richard
 de Forest, Robert W.
 De Rham, Charles
 deCoppet, Henry
 DeKlyn, B. F.
 De Ruyter, John
 DeVinne, Theo. L.
 De Witt, George G.
 Delafield, Maturin L.
 Dewitt, William G.
 Dickie, E. P.
 Dickey, Charles D.
 Dickey, Mrs. Hugh T.
 Dieterich, Chas. F.
 Ditmars, Raymond L.
 Dimock, Henry F.
 Dix, Rev. Morgan, D.D.
 Dodge, Cleveland H.
 Dodge, George E.
 Dodge, Miss Grace H.
- Ehret, George
 Eimer, August
 Einstein, David L.
 Elder, Mrs. M. A.
 Elkins, Stephen B.
 Elliot, Edward
 Ellis, John W.
 Eno, Amos F.
 Ettlinger, Louis
 Evans, William T.
 Ewart, James M.
- Fahnestock, H. C.
 Fargo, James C.
 Farnham, Mrs. Horace P.
 Fellows, C. H.
 Ferris, Frank A.
 Fleet, Oliver S.
 Fletcher, Andrew
 Flint, Miss Helena
 Flower, A. R.
 Floyd, James R.
 Foote, C. B.
 Ford, James B.
 Ford, John R.
 Fosdick, Chas. B.
- Haber, Louis I.
 Hague, James D.
 Hahlo, Hermann
 Hall, Fred J.
 Hall, Mrs. John H.
 Halls, William, Jr.
 Halsted, Miss L. P.
 Hamilton, John L.
 Harbeck, Mrs. Eliza D.
 Hardt, William Ernest

- Hart, Mrs. A. B.
 Hartley, Marcellus
 Havemeyer, J. C.
 Haviland, Edwin
 Hawley, Edwin
 Hawley, Henry E.
 Hawkins, Miss M. L.
 Hayden, Brace
 Haynes, A. E.
 Haxtun, William
 Hendricks, Edmund
 Heroy, Mrs. James H.
 Higgins, Francis
 Higgins, Mrs. Barton B.
 Hill, Geo. H. B.
 Hillhouse, Hon. Thos.
 Hilyard, George D.
 Hinman, W. K.
 Hinrichs, Chas. F. A.
 Hinton, J. H., M.D.
 Hoag, Daniel T.
 Hodgman, Geo. F.
 Hoe, Peter S.
 Hoffman, Very Rev.
 E. A., D.D.
 Hogg, T. Egerton
 Holden, E. R.
 Holly, Henry H.
 Holt, Charles L.
 Holt, Henry
 Holt, R. S.
 Hone, Robert S.
 Horton, Burrett W.
 Houghton, Rev. G. H.
 Hoyt, Reuben
 Hubbard, Gen. T. H.
 Hunter, Mrs. M. L.
 Huntington, G. S., M.D.
 Hüpfel J. Chr. G.
 Hyatt, A. M.
 Inman, John H.
 Inslee, Samuel
 Ireland, John B.
 Iselin, Adrian, Jr.
 Iselin, C. Oliver
 Iselin, Mrs. Adrian
 Iselin, Wm. E.
 Jackson, Charles A.
 Jackson, Geo. T., M.D.
 Jackson, John B.
 Jackson, Wm. H.
 Jacobus, John S.
 Jaeger, Francis M.
 Jaffray, Robert
 Jaques, David R.
 Jaques, George B.
 Jenkins, Wm. L.
 Jeremiah, Mrs. H.
 Jesup, Jas. R., Jr.
 Johnson, Rossiter
 Juilliard, A. D.
 Kaskel, Albert
 Kellogg, L. Lafin
 Kellogg, Mrs. Chas.
 Kemp, Edward
 Kendall, Edward H.
 Kennedy, John S.
 Kerbs, Adolf
 Kerner, Charles H.
 Kerwin, Andrew J.
 Ketcham, E.
 Kevan, William
 King, William F.
 Kingman, Abel Willard
 Kinnicutt, Dr. F. P.
 Kissam, Philip
 Klenke, William H.
 Knapp, H., M.D.
 Knickerbacker, H.
 Kohns, L.
 Kraus, Prof. John
 Kraus, William
 Kuttroff, Adolph
 Lagowitz, Miss H. L.
 Laidlaw, Henry B.
 Lamborn, R. H., Ph.D.
 Langdon, Woodbury G.
 Lange, Dr. F.
 Lange, J. D.
 Langmann, G., M.D.
 Lapham, Lewis H.
 Lapham, S. V.
 Lathers, Richard
 Lawrence, Cyrus J.
 Lawrence, George N.
 Lawrence, Mrs. Samuel
 Layng, James D.
 Leale, Charles A., M.D.
 Leavitt, Henry S.
 Lee, William H.
 Lehman, E.
 Lehman, M.
 Leshner, Stephen R.
 Lewis, James F.
 Lewis, Richard V.
 Liautard, A., M.D.V.S.
 Lipman, Julius
 Livingston, Edward
 Livingston, Wm. S.
 Lobenstine, W. C.
 Loeb, S.
 Lorbacher, Edmund
 Lord, Benjamin
 Lord, D. D.
 Lounsbery, R. P.
 Lovell, John W.
 Low, C. Adolphe
 Low, Josiah O.
 Lowry, John
 Ludington, C. H.
 Lueder, A.
 Lummis, Wm.
 Lusk, William T., M.D.
 Lyman, T. C.
 Mack, J. W.
 Mackenzie, Duncan E.
 Mackey, Oscar T.
 Macy, I. Augustus
 Maillard, Henry
 Maitland, Robert L.
 Mali, Charles
 Mansfield, Howard

- | | | |
|----------------------------|--------------------------|--------------------------|
| Markoe, Dr. Thos. M. | Packard, S. S. | Rothschild, J. |
| Martin, Bradley | Paddock, Eugene H. | Rothschild, V. Henry |
| McAlpin, D. H. | Palmer, N. F. | Rowell, George P. |
| McComb, J. Jennings | Palmer, S. S. | Rütten, August |
| McCready, Mrs. Caroline A. | Park, Joseph | Rutter, Thomas |
| McCurdy, Richard A. | Parsell, Henry V. | |
| McDonald, John E. | Parsons, W. H. | Sage, Russell |
| McIntyre, Ewen | Patterson, Hon. Edward | Saltonstall, Francis G. |
| McKee, Russell W. | Peabody, Arthur J. | Saltus, J. Sanford |
| McKim, Rev. Haslett, Jr. | Pell, John H. | Sampson, Henry |
| Merrall, William J. | Pellew, Henry E. | Sands, Andrew H. |
| Metcalfe, John T., M.D. | Penfold, Wm. Hall | Sayre, Lewis A., M.D. |
| Meyer, Oscar R. | Perry, William A. | Schafer, Samuel N. |
| Meyer, Thomas C. | Peters, George A., M.D. | Schafer, Simon |
| Middleton, A. D. | Pettus, James T. | Schefer, Carl |
| Mildeberger, Mrs. John | Peyser, Frederick M. | Scheitlin, Edward |
| Miller, D. S. | Pinkus, F. S. | Schley, Dr. J. M. |
| Milmine, George | Platt, John R. | Schmid, Mrs. August |
| Mitchell, Alfred | Plyer, Charles W. | Scholle, Jacob |
| Mitchell, John J. | Pool, Frank J. | Schultze, John S. |
| Mitchill, Mrs. S. L. | Potter, Howard | Schuyler, Philip |
| Moir, James | Powell, William R. | Schuyler, S. D. |
| Moller, Peter, Jr. | Powell, Wilson M. | Scott, George S. |
| Moore, Mrs. W. D. | Powers, George W. | Scudder, Hewlett |
| Moore, W. H. H. | Pray, Joseph M. | Seabury, G. Thurston |
| Morgan, George H. | Purdy, Wm. Macneven | See, Mrs. Horace |
| Morris, Henry Lewis | Putnam, George L. | Seligman, David J. |
| Morrison, Edward | Putnam, Samuel W. | Seligman, Isaac N. |
| Morrison, George A. | | Sellew, T. G. |
| Munro, George | Quinlan, William J., Jr. | Sennett, George B. |
| | | Sharp, W. W. |
| Navarro, Juan N. | Ranger, Louis | Shea, George |
| Nathan, Miss Agnes C. | Raymond, Charles H. | Sherman, Charles A. |
| Neumann, C. G. | Remsen, William | Shethar, Samuel |
| Newton, Henry J. | Renwick, Edward S. | Sidenberg, Gustavus |
| Nisbet, William F. | Reynolds, David I. | Sill, Charles |
| | Rhineland, Chas. E. | Sinclair, John |
| O'Donohue, Joseph J. | Rhoades, J. Harsen | Skidmore, William L. |
| Ogilvie, James H. | Richard, Auguste | Sloan, Samuel |
| Olcott, F. P. | Riker, John L. | Sloan, William S. |
| Olmstead, Dwight H. | Riker, Wm. J. | Smith, Adon |
| Olyphant, R. M. | Robbins, Rowland A. | Smith, Charles S. |
| Olyphant, Robert | Robbins, S. Howland | Smith, Geo. W. |
| Oppenheimer, Dr. H. S. | Roberts, Miss Mary M. | Smith, James Rufus |
| Owen, Mrs. Thomas J. | Rogers, Henry H. | Smith, John Jewell |
| Owens, Wm. W. | Rolston, Rosewell G. | Smith, Rev. Cornelius B. |

- Smith, William Alex.
 Snow, Elbridge G., Jr.
 Spencer, Charles H.
 Spencer, James C.
 Starin, John H.
 Stearns, John Noble
 Stebbins, Jas. H.
 Stechert, Gustav E.
 Steers, Edward P.
 Steers, Henry
 Stephens, Benjamin
 Stern, Benjamin
 Stewart, Lisenard
 Stewart, William R.
 Stiehl, Gustav H.
 St. John, William P.
 Stone, Edwin
 Stone, Mason A.
 Stone, Mrs. Catherine C.
 Stone, Mrs. Georgiana C.
 Stone, Sumner R.
 Storm, Clarence
 Storm, George
 Strong, Charles E.
 Strong, W. L.
 Sutherland, John L.
 Sutton, Woodruff

 Tailer, Edward N.
 Taintor, C. M.
 Taintor, Charles N.
 Talcott, James
 Talmadge, Henry
 Taylor, Mrs. Aug. C.
 Taylor, George
 Taylor, Stevenson
 Tefft, F. Griswold
 Tefft, Wm. E.
 Thomas, T. G., M.D.

 Thompson, John C.
 Thompson, W. Prall
 Thomson, Eugene
 Thorne, Mrs. William K.
 Tiemann, Mrs. Peter C.
 Tiffany, Louis C.
 Tilford, Charles E.
 Tillinghast, W. H.
 Tonnelé, John L.
 Toothe, William
 Toucey, J. M.
 Townsend, R. H. L.
 Townsend, R. W.
 Tracy, J. Evarts
 Trevor, H. G.
 Trevor, Mrs. John B.
 Turnure, Lawrence
 Tuttle, Nathaniel
 Twombly, H. McK.
 Twombly, Horatio N.

 Valentine, Mrs. Lawson
 Van Brunt, Cornelius
 Van Brunt, Hon. C. H.
 Van Norden, Warner
 Van Slyck, W. H.
 Van Wickle, A. S.
 Van Winkle, Edgar B.
 Van Winkle, Miss E. S.
 Vandervoort, W. L.
 Veit, Richard C.
 Voorhis, Wm. W. L.

 Wales, Salem H.
 Walker, William I.
 Wallace, James
 Wallace, Lewis
 Wallach, Antony
 Ward, Lebbeus B.

 Ward, Mrs. Thomas
 Warner, Lucien C.
 Watson, Miss Emily A.
 Watson, Walter
 Weatherbee, Mrs. E. H.
 Webb, W. H.
 Weed, Benjamin
 Weekes, John A.
 Weissman, L.
 Welch, Peter A.
 Wetmore, Dr. John McE
 Wheelock, Dr. W. E.
 Wheelock, Geo. G., M.D.
 Wheelock, Wm. A.
 Whipple, L. Edmund
 White, Horace
 Whitehead, Charles E.
 Whitely, James
 Whitney, Alfred R.
 Wicke, William
 Wickes, Edward A.
 Wickham, Delos O.
 Wiebusch, Chas. F.
 Williams, George G.
 Wilson, John
 Wing, John D.
 Witherbee, Frank S.
 Wood, Mrs. Henry R.
 Worthen, W. E.
 Wray, Mrs. Cornelia S.
 Wright, Benjamin

 Youmans, Daniel D.

 Zabriskie, Andrew C.
 Zickel, S.
 Zollikoffer, O. F.

DECEASED MEMBERS,

1894.

Bernheimer, Adolph
Blakeman, Birdseye
Cotheal, Alex. I.
Earle, Wm. P.
Ely, Richard S.

Hardt, William A.
Harris, Robert
Homans, E. C.
Jackson, Wm. H., M.D.
Kelly, Eugene

McKibbin, George
Mowry, A. L.
Phelps, William Walter
Skidmore, Mrs. Jos. R.
Tiemann, Peter C.

In Memoriam.

At the adjourned meeting of the Board of Trustees of the AMERICAN MUSEUM OF NATURAL HISTORY, held February 18, 1895, the following minute in regard to the death of

PERCY RIVINGTON PYNE

was unanimously adopted, ordered to be recorded in full, and a copy sent to the family of the deceased :

RESOLVED: That this Board has learned with profound sorrow of the sudden decease abroad of our late friend and associate, PERCY RIVINGTON PYNE.

Mr. PYNE's deep interest in the development and growth of the Institution from the time of his election to the Board was attested not alone by his liberal contributions of money and valuable collections, but also by the zealous discharge of his duties as a member of the Board of Trustees.

He was a sagacious and careful adviser, always energetic and faithful in the fulfillment of the trusts which devolved upon him.

Elected a Trustee in 1872, he became a member of the Executive Committee in 1879, and served continuously on that and the other Committees of the Board until failing health compelled his retirement in 1891.

Thoroughly trained in business, and guided by strict principles of honor and probity, his connection with the Museum contributed greatly to its progress and present prosperity.

