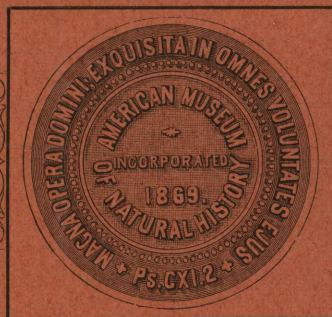


THE
American Museum of Natural History

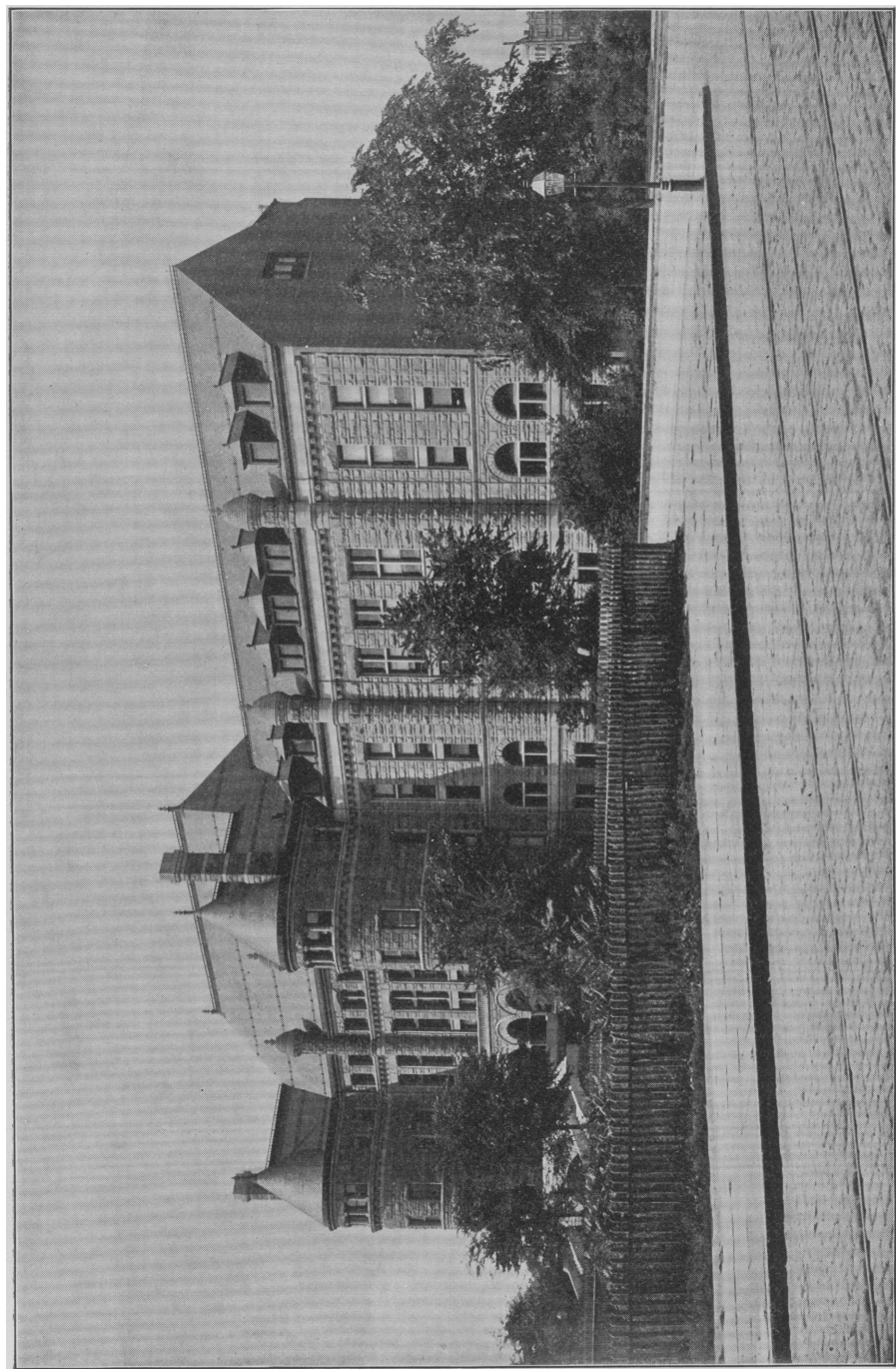
CENTRAL PARK, NEW YORK CITY.

(77th Street and 8th Avenue.)



ANNUAL REPORT OF THE PRESIDENT,
ACT OF INCORPORATION,
CONTRACT WITH THE DEPARTMENT OF PUBLIC PARKS,
CONSTITUTION, BY-LAWS AND LIST OF MEMBERS
FOR THE YEAR 1895.

PRINTED FOR THE MUSEUM.



L. C. LAUDY, PHOTO.

VIEW OF MUSEUM BUILDING, WITH EAST WING, 1894.

THE
AMERICAN MUSEUM OF NATURAL
HISTORY,

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NEW YORK:
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1896.

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NO. 111 JOHN STREET
NEW YORK

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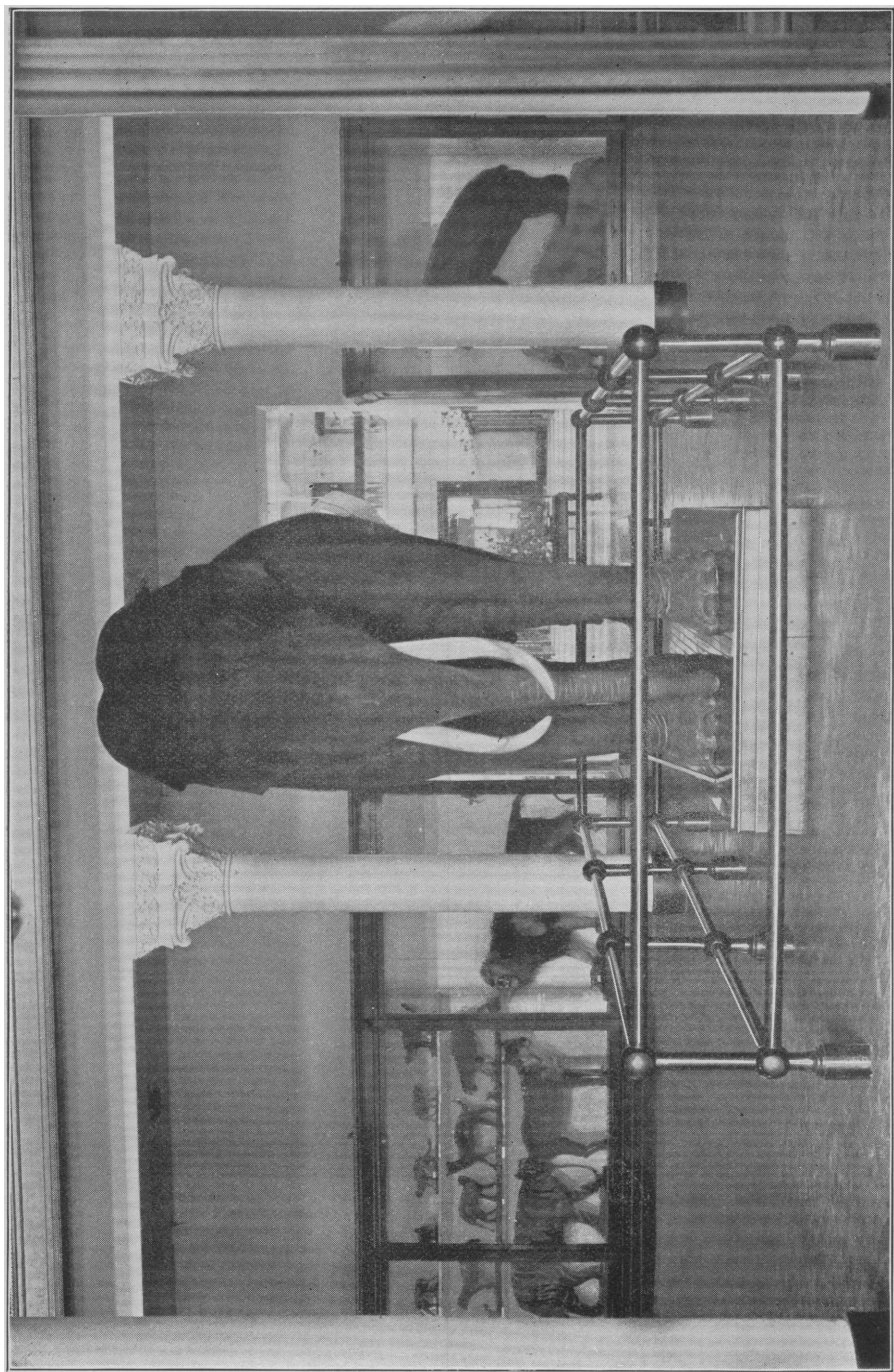
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WILLIAM WALLACE.



L. G. LAUDY, PHOTO.

MAIN ENTRANCE, MAMMAL HALL, 1895.

TWENTY-SEVENTH ANNUAL REPORT.

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

It gives me pleasure to report that the year just closed has been one of marked activity in the development of the collections and the educational work of the Museum.

FINANCES.—A summary of the Treasurer's report shows the following receipts and expenditures :

<i>Maintenance :</i> Receipts, from the City.....	\$75,000 00
Expenditures	79,620 33
Deficit	<u>\$4,620 33</u>
 <i>Endowment :</i> Receipts.....	 \$62,347 29
Expenditures, for the increase and develop- ment of the Collections	65,625 97
Deficit	<u>\$3,278 68</u>

The total deficiency in the receipts for the year was \$7,899.01. This amount has been met by a special subscription from the Trustees, thus enabling the Museum to commence the current year free of debt. Attention is invited to the detailed statement of the Treasurer, which follows later in this report.

PERMANENT ENDOWMENT FUND.—The legacy of \$20,000 bequeathed to the Museum by our late associate and friend, Percy Rivington Pyne, was paid over by his executors, and placed to the credit of the Permanent Endowment Fund, and has since been invested. Mrs. Samuel Lawrence and Mrs. James R. Swords also donated \$1000 to this fund in memory of the late Alexander I. Cotheal.

ENLARGEMENT OF THE BUILDING : WEST WING.—With the increase of the collections during 1894, and the knowledge that 1895 would bring much greater accumulations, it became apparent to the Trustees that prompt preparations must be made to provide more space for exhibition purposes. The Trustees therefore requested the officers to present to the municipal authorities and the Legislature the need of a further addition to the building. The Act authorizing the city to erect an extension became a law by the provisions of Chapter 235, and received the approval of His Excellency, Governor Morton, on the fourth day of April, 1895. Chapter 236 was also passed at the same session, the terms of which authorized the Board of Estimate and Apportionment to grant annually a further sum for the maintenance of the Museum. This bill became a law on the same date, both of the bills first having received the approval of His Honor, Mayor Strong, before their final enactment by the Legislature.

Plans were presented to the Department of Public Parks, and the bids for the construction of the addition were opened September 18, based upon the use of Texas and New Brunswick granite respectively. The contract was awarded to the lowest bidder, for the sum of \$344,900 (based upon the use of New Brunswick granite). Seven other bids were offered, of which the highest was \$414,000.

This addition, when completed, will have been erected and cased at a cost within the amount appropriated by the law, and will be devoted to the display of the collections of the Department of Anthropology; a small space on the upper floor will be set apart for the Library, which at the present time lacks proper facilities for the care and use of its works.

It is clearly apparent that the steadily increasing growth of the collections will demand prompt action looking to the erection of an addition completing the East Wing, recently erected, and now occupied with the collections of the respective departments.

The requisite legislation will be applied for early in the year, in order that the current increase in the collections may be met by corresponding facilities for its public exhibition.

The Wood Hall and the Mammal Hall in the new building have been opened to the public, and the floors assigned to the Depart-

ments of Vertebrate Palæontology and Entomology will also soon be ready for visitors.

In referring to the completion of this wing mention should also be made of the various additional facilities also secured under the terms of the contract. Cases have been provided with extra shelving; galleries were constructed in many of the study rooms to give needed space for the lodgment of material; moth-proof tin cabinets have been added to safely store the perishable material, and a small electric plant has been installed as a measure of economy to supply light when needed in the study rooms and offices, and thus avoid the expense of running the main plant of the building.

In connection with this subject I have added a tabulated statement of the square feet of floor space now occupied, or to be assigned, solely for exhibition purposes.

Old Wing.....	35,020 sq. feet.
Body of Main Building and circular East Wing.....	29,430 "
Circular ended West Wing.....	13,300 "
East Wing, recently completed and occupied	35,254 "
West Wing, now being erected.....	35,254 "
Grand total.....	148,258 sq. feet.

It should be borne in mind that this item of the report treats only of floor space used for the public display of the collections. No note is taken of the portions of the edifice used for offices, study rooms, laboratories, library, lecture hall, storage and toilet rooms, or hall-ways, etc.

The first section of the Museum building was erected under the provisions of Chapter 290 of the Laws of 1871, and Chapter 351 of the Laws of 1875. The subsequent additions have been constructed under the authority of Acts of the Legislature, as follows :

Second Addition.....	Chapter 44, Laws of 1887
Third Addition.....	" 57, " 1889
Fourth Addition.....	" 448, " 1893
Fifth Addition ¹	" 63, " 1894
	" 235, " 1895

¹ West Wing, now building, similar in dimensions to the portion of East Wing recently added.

Attention is drawn to the provisions of the contract between the Museum and the City, and the recent modifications of its terms, affecting evenings and Sunday afternoons; otherwise its wise provisions are unchanged.

The daily attendance of visitors has increased; this may be attributed to the opening of the new halls and the extension of the series of free lectures to the public, and is a mark of the growing interest of the people in the work of the Museum.

MEMBERSHIP.—Mr. William Rockefeller became a Patron early in the year, and was subsequently elected a member of the Board of Trustees. Messrs. Frederick E. Hyde, Jr., B. Talbot B. Hyde, John D. Crimmins, Mrs. William H. Osborn, and Professor Henry Fairfield Osborn were also elected Patrons. The following persons have been made Patrons by the contributions of friends: Messrs. Hicks Arnold, J. Pierpont Morgan, Jr., William Church Osborn, Jonathan Thorne, Victor Corse Thorne, Edwin Thorne, Joel Wolfe Thorne, W. M. Dongan de Peyster, and Alexander I. Cotheal.

Messrs. Francis Child Nicholas and Philip Schuyler were constituted Fellows of the Museum by reason of valuable donations to the collections. Mr. Aymar Johnson was made a Fellow by the contribution of a friend. The following persons were elected Life Members: Mrs. E. Keep-Schley, and Messrs. Ambrose K. Ely, A. G. Mills, Alfred Roelker, Henry R. Kunhardt, Jr., C. de P. Field, Mark Hoyt, Richard H. Allen, Fred. A. Schermerhorn and Frederic E. Church.

EXPEDITIONS.—*Peru.*—The expedition in Peru, under the direction of Mr. Adolph F. Bandelier, referred to in previous reports, has been eminently successful, and arrangements have been made to continue his work until the close of 1896.

During the year he has sent to the Museum ninety cases of objects, excavated mainly by himself or under his personal supervision, and has supplemented this material with photographs, scale maps and charts descriptive of the localities explored by him.

A portion of the shipment covered his finds during 1894, but the larger and more important portion was the result of his work during this year. The entire collection was stored after being unpacked, and will be installed in the cases of the upper hall, which have been assigned to this section of the Department of Anthropology.

Honduras.—Brief reference was made in the report of last year to the expedition which was despatched to Honduras by the Peabody Museum of Cambridge in coöperation with this Museum, the Peabody Museum having a concession from the Government of that country, permitting archæological researches during a term of years. I am assured that the results have fulfilled the anticipations of the committee in charge of the expedition, and that the proportion assigned to this Museum will yield satisfactory returns for its contribution, and add many important objects to our collections.

Sumatra.—Mr. Rudolph Weber returned early in the autumn from Sumatra, where he had been collecting for the Museum with a fair degree of success. Such material as he brought with him was rare and new to the collections, but many large specimens were left in Sumatra to await a more favorable opportunity for packing and shipment. Mr. Weber, however, arranged for the continuation of the work unfinished at the time of his departure, and further accessions may be expected during 1896.

Mexico.—Dr. Lumholtz has persevered in his researches among the Indian tribes of the Sierra Madre Mountains, adding to the information already gained much that is of deep interest to the scientist.

His long experience in this field of exploration has served him well in his intercourse with the primitive peoples he has met in the course of his journey, and the material received from him is highly commended by the Curator of this department.

Peary Relief Expedition.—During 1894 an application was presented to the Secretary of the Navy asking for the use of a vessel to be used in the attempt to secure the return from the

Arctic regions of Robert E. Peary, Civil Engineer, U.S.N. The effort was unsuccessful, the Secretary of the Navy deciding that the Department possessed neither the authority nor the means to grant the application.

Failing in this direction, Mrs. Peary appealed to this Institution, the American Geographical Society, and other bodies, and met with general encouragement. But the anticipated assistance in most cases failed of realization. This Museum, however, contributed \$1400, the American Geographical Society \$1000, and less than \$1000 was received from various sources in Philadelphia. The aggregate subscriptions were far from sufficient for the enterprise; in this emergency and to secure the success of the expedition, the main expense was borne by one of our Trustees. A skilled collector accompanied the expedition on behalf of the Museum, and the numerous specimens obtained through this source are a valuable acquisition to the Department of Mammals and Birds.

DEPARTMENT OF PUBLIC INSTRUCTION.—The Trustees and the general public have just cause for gratification in the growth of this department. In addition to the regular courses delivered to the teachers of the public schools by Prof. Albert S. Bickmore, he also gave four illustrated lectures to the members of the Museum, and in conformity with the terms of the contract between the Museum and the State Superintendent of Public Instruction, delivered free lectures to the people on public holidays.

During the early portion of the year the Assistant Curators of the respective departments gave lectures on Saturday afternoons, the subjects having relation to the collections under their charge—thus investing the specimens with a special interest.

The several courses arranged by Columbia College in conjunction with the Museum were attended by largely increased audiences. Four lectures were also given under the auspices of the Linnæan Society.

With the intent to extend the usefulness of the Museum, arrangements were made with Dr. Henry M. Liepziger, Assistant Superintendent of Public Schools, by which he was given the use of the Lecture Hall and its apparatus for a full course of

lectures to be delivered under the joint auspices of the Museum and the Board of Education. The evenings on which the Museum was regularly open to the public, in accordance with our contract with the city, being assigned for the lectures given by Columbia College and other bodies, it became necessary to allot an additional evening for these lectures, necessitating the opening of the Museum an extra night each week during the lecture season. This involved an additional expense for maintenance, which has been defrayed by the Trustees. The first lecture was delivered October 30, and the series will continue until March 25 of the coming year, covering a term of twenty weeks. The large attendance has more than confirmed the wisdom of the step taken, the hall being filled at every lecture by a very appreciative audience drawn from all classes of our citizens. The popularity of these lectures is shown in the numbers turned away each evening.

The interest in popular education is manifested in a greater degree each successive year, and it is gratifying to note that the Museum is in a position to meet the wishes of the people, and to assist in conferring a substantial and permanent benefit upon the community, thus taking its place as an important factor in the rapidly-growing educational system of the metropolis.

A photograph taken on the occasion of the free public lecture, delivered in the afternoon of New Year's Day, is reproduced in this report, and aptly illustrates the popular interest in this department.

RECEPTIONS.—The reception tendered Civil Engineer Robert E. Peary, U.S.N., under the joint auspices of this Institution and the American Geographical Society, was held at the Museum on the evening of November 14th. The explorer, who was welcomed by your President and the Hon. Chas. P. Daly, President of the American Geographical Society, was warmly greeted by a large audience.

The Annual Exhibition of the New York Microscopical Society was held in our halls during April, on an evening open to the public. The attendance at the exhibition was fully three thousand.

JESUP COLLECTION OF NORTH AMERICAN WOODS.—As noted in the Report of 1894, several new species were added to the collection, and during this year six new species have been discovered by Prof. Charles S. Sargent. With the completion of the present East Wing the lower hall was set apart for the permanent lodgment of the Collection of North American Woods. This arrangement provides the space required to display each water-color over the specimen of wood it illustrates, and enables the visitor to examine, in conjunction with the specimen, the colored drawing of the leaf, flower, and fruit; also the map showing the geographical distribution of the species, and the technical data relating to the specimen.

It is thought that no better plan can be conceived whereby the effectiveness of the exhibit can be increased.

DEPARTMENT OF GEOLOGY.—I am glad to report that the catalogue of the Palæontological Collection is almost completed, a considerable advance having been made during the year.

Cataloguing the type specimens of this collection was continued throughout the year, and developed the presence of ten thousand specimens of this character. It was estimated by the Curator that the type specimens would not number more than six thousand at the outset of the work, and the revision of the list adds greatly to the scientific importance of this collection.

To keep pace with the work of kindred institutions, the Museum should publish an illustrated catalogue of its type material, for circulation among the scientific societies of our own and foreign countries.

An entire re-organization was made of the collection of minerals. The specimens were thoroughly catalogued and labeled, and the duplicate material stored in drawers under the cases. By this means inferior specimens were removed from display, and ample space given for an improved arrangement of those remaining, the duplicates thus becoming more available for reference purposes.

The special exhibit of azurites, malachites, stalactites and stalagmites donated by the Copper Queen Consolidated Mining

Company has been largely increased during the past year, and now forms one of the most attractive and imposing features of the Mineral Hall.

The D. Jackson Steward Collection of Shells was arranged and labeled early in the year, and presents a very creditable appearance. The general collection of shells, and the Haines Collection, together with all similar material (the D. J. Steward gift excepted), are being brought together to form one single collection or series.

DEPARTMENT OF MAMMALOGY AND ORNITHOLOGY.—The amount of material received during the year, while much less than that acquired in 1894, was encouragingly large, probably exceeding in value, though not in number of specimens, that received in any recent year.

The most important accession by gift was the William Dutcher Collection of New York Birds, numbering over 2000 specimens, contributed by the Linnæan Society of New York. The chief additions have been from Museum Expeditions, especially the Greenland Expedition, which yielded a very large number of Arctic mammals and birds. Field work in other directions resulted in large and valuable acquisitions, which will be added to the exhibition collection in the near future. A detailed list of the various accessions follow later in this report. Including all branches of this department, the report of the Curator shows a gain of five thousand specimens. The Exhibition and Study Collections have received careful attention and are free from the depredations of moths and other insect pests.

Several notable pieces were placed on display, among which the following merit special mention : the elephant "Tip," now installed fronting the main entrance of the building ; and the Moose Group.

The Bison Group was moved to the Mammal Hall, in the East Wing, and reset, adding greatly to its attractiveness.

The new Exhibition Hall on the main floor of the East Wing has been taken for North American Land Mammals ; four large wall cases are reserved for groups to be provided later.

DEPARTMENT OF VERTEBRATE PALÆONTOLOGY.—The title of this department was changed during the year from its former name, *i. e.*, Mammalian Palæontology, as better defining the character of its collections.

The increase in the development of this department exceeds that of any previous year. The Cope Collection of Fossil Mammals of North America, mentioned in the preceding report, has been purchased by the aid of several of the Trustees, of friends of the Museum, and of the Curator of the department; the subscriptions to this fund are noted in detail in the report of the Treasurer.

This collection is the most complete and valuable of its kind in the world, and was made famous by Professor Cope's numerous monographic reports upon it, issued by the U. S. Government. It contains a large number of unique complete skeletons, an enumeration of which cannot be stated here, and its acquisition by the Trustees establishes the Museum as a centre of study and research in this branch of science, and marks another advance in its possibilities for general usefulness.

The collection aggregates nearly 10,000 specimens, representing 483 species from the chief horizons of North America. One-half of this collection has now been carefully arranged and catalogued.

The first field expedition of the year was despatched March 1st to the Uinta Basin of Northeastern Utah, from which, the report of the Curator states, 157 specimens were secured. Including the results of last year's work in this locality, this gives the Museum the most complete collection from this horizon in existence; many entire skulls and skeletons being included in the find. As in previous years, the Museum party was greatly aided in the matter of transportation by the officers of the several railroads extending over the field of operations.

The main Rocky Mountain expedition was in the Washakie division of the Bridger Basin, Western Wyoming, from May 1st to October 1st, under the personal direction of the Assistant Curator of the department. Two skulls and portions of 28 skeletons pertaining to one animal were gathered, which will make it possible to mount a complete skeleton of the large four-horned

Uintatherium as a companion skeleton to the two-horned *Titanotherium*.

In the hope of securing some specimens of the oldest mammals known, from the coal mines of North Carolina, the Curator, at his own expense, sent one of his assistants to explore the mine at Egypt. The visit resulted in the discovery of a nearly complete skeleton of an extinct alligator, the most perfect of its kind known in this country, which the Curator donated to the Museum.

A number of important purchases have been made, which are described in the list of accessions. The Trustees have assigned a spacious and well-lighted hall for the display of the material in this department, and it is confidently expected that the collection will be there installed early in the coming year.

In closing this brief reference, I desire to call attention to a project suggested by the Curator of this department, that some generous friend of the Museum may be discovered who will subscribe the cost of preparing a special exhibit of the history of the horse in America. It would be possible to secure, if the means are afforded, every phase in the horse evolution from the first stage, the size of the fox, to the final stage of the large modern horse.

DEPARTMENT OF ANTHROPOLOGY.—At the very beginning of the Museum this department was included in its scheme, and several important and now historic collections were secured. Of late years, in our efforts to keep the Museum abreast of the times and meet the demands of public education, we have carried on extensive explorations, and have secured in this way large collections illustrating the ethnology and archæology of America. A year ago the new Department of Anthropology was established, in order to illustrate the history of man in the same way as we are showing the history of animal life. Such a department is therefore of the greatest importance in the Museum, which is preëminently for the education of the people in all that pertains to natural history, including the history of man.

Pending the construction of the new West Wing, such of the exhibits as can be displayed in the lower hall of the old wing and the upper hall of the central building, are being arranged.

In the lower hall are the ethnological collections from the Pacific coast and from the northwest coast of America, including several ethnic groups. In the upper hall are the general archæological collections from North, Central and South America.

During the year many additions have been made to the department by purchase and by gift as well as by special explorations. Among these is the interesting collection from the cliff houses and burial caves of Utah, presented by the Messrs. Hyde, who have not only given their collection to the Museum, but have also arranged to continue their explorations in the southwest for several years, under the general direction of the Curator of the department, until the Museum is supplied with an extensive and authentic collection from the cliff houses, ancient pueblos, burial caves and mounds of the southwest. The interest taken in the Museum by these gentlemen is most gratifying, and is suggestive of what others might do in the departments of the Museum. Another fine collection generously given to the Museum, was made by Mr. Francis Child Nicholas, in the northeastern portion of Colombia.

Special efforts have been directed to the illustration of the archæology of our own State, and in this effort it is hoped that we shall have the coöperation of the heads of the various departments of public works, and also the aid of local collectors and historical students in various parts of the State. Indications of prehistoric sites are constantly being discovered, and if we receive information in time, trained men can be sent to explore these places and save from destruction many objects of scientific interest. The special explorations of ancient mounds and village sites in Ohio and Kentucky have furnished desirable material for the archæological collections. From the northwest we have added considerable of importance to our extensive collections, and several groups are now being arranged to illustrate some of the customs and arts of the native tribes of British Columbia.

DEPARTMENT OF ENTOMOLOGY.—Steady progress has been made in the cataloguing, labeling and placing on exhibition the material of this department. A new feature of the collection,

and one possessing much interest, is the Local Collection of Insects found within a radius of fifty miles from this city. These specimens, nearly 2600 in number, are now exhibited. Another very interesting series of objects which have recently been displayed are about 300 specimens of the architecture of insects, spiders, scorpions, etc. The entire collection has been carefully examined and is free from museum pests.

The Curator of this department reports a substantial increase in the number of inquiries concerning the ravages of injurious insects and the best methods for their extermination. New cases are now building in which to display the beetles, wasps and bees, which have been kept in storage boxes until such time as the cases could be placed under contract. The unarranged part of the collection has accumulated much more rapidly than was expected, and several years will be required to place it in proper condition for display.

LIBRARY.—The growth of this division of the Museum has in nowise decreased. The Librarian reports various accessions numbering a total of 1207 volumes, a majority of which were donated. Among the number are valuable gifts from His Excellency, Honorable Porfirio Diaz, President of Mexico, and the Royal Library of Berlin. Both of these gifts relate to the archæology of Mexico, and are therefore of special value to the Department of Anthropology.

The Library now contains 30,438 volumes and a large number of maps. A gratifying increase is noted in the more general use of the Library by the public and scientists, 9243 volumes having been issued for reference during the year.

It is worthy of mention that the books treating of botany have been more frequently consulted by students and visitors, and by artists engaged in the illustration of publications.

Sargent's "*Silva of North America*" has been in frequent use as a book of reference, and inquiries are frequently made for other publications relating to forestry, which are not in the Library.

PUBLICATIONS.—The Museum publications for the year consist of Part II of the *Memoirs* and Vol. VII of the *Bulletin*. The

memoir is Prof. R. P. Whitfield, "On the type specimens of the Hall Collection," covering 36 pages of text and 8 plates. The Bulletin forms a volume of 396 pages, with 8 separate plates and 82 illustrations in the text. It consists of 12 articles contributed by the curators, representing the several departments of the Museum.

Part III of the Memoirs, by Prof. Henry Fairfield Osborn, on Fossil Rhinoceroses, is about ready for publication, and will be issued early in 1896.

The Entomological Collection contains many types and other specimens which are unique at the present time, and these should be figured in the Memoirs as soon as a favorable opportunity presents itself.

Toward the close of the year it was forcibly impressed upon our attention that the collections were increasing at a rate much faster than the proper labeling and cataloguing could be carried forward. It was therefore, deemed wise to defer the usual purchases during 1896, and to devote sole attention to the work of cataloguing and labeling the material now on hand in order that no time be lost in placing this material before the public.

The coming year, therefore, will not show the usual increase of material in some of the departments, but the change will result in advancing the labeling of the specimens in the cases. I may, however, assure the Trustees that this step will not materially retard the general progress of the Institution.

In closing my review of the transactions of the respective departments of the Museum, I have pleasure in noting the following gifts:

Mr. Joseph F. Loubat has most generously supplemented his previous donations with a gift of the widely-known "Charnay" casts of sculptures from the ruins of Tikal, Guatemala; Manché, Chichen-Itza and Uxmal, Yucatan; and from Palenque and other localities in Mexico. The set contains 49 pieces, which are expected to reach the Museum early in March of next year. These objects will have to be temporarily exhibited until a suitable place can be assigned for their permanent installation in the West Wing now in process of construction.

The Museum has also received a very handsome clock from Mrs. E. Keep-Schley, and in recognition of the gift Mrs. Schley has been elected a Life Member of the Museum.

The Trustees are to be congratulated upon the acquisition of the large collection of ethnological material from Greenland, gathered by Civil Engineer Robert E. Peary, U.S.N. The collection contains numerous canoes, sleds, seal skin tents, costumes, firearms, implements used in the chase and in the daily life of the Eskimo. These, the gift of the President, will provide the Museum with material for several groups, and fill an important deficiency in the collections.

Article XI of the Constitution was amended at the regular meeting of the Board held in November last, so as to permit nine Trustees to constitute a quorum at any meeting of the Board.

Our friend and associate, Mr. Oliver Harriman, resigned his office as a Trustee at the annual meeting of the year, in consequence of ill health, after having served with entire acceptability for many years. Mr. Wm. Rockefeller was elected to succeed Mr. Harriman.

Attention is directed to another portion of this report, wherein is cited a list of a few of the important collections now owned by the Museum.

I deem it proper to again urge upon the attention of our friends the pressing need of an increased fund for endowment; the interest of this fund is devoted exclusively to the purchase of collections and the publication of the Bulletin and Memoirs. The income from the present fund is insufficient, and the growth and development of the collections are being carried forward under very unfavorable conditions. Let it not be supposed, however, that the progress of the Institution is to be seriously retarded by this condition, but the present ratio of increase only emphasizes the improvement which would result were the Trustees in control of more ample means to take advantage of favorable opportunities to purchase collections.

The Museum has a quantity of material which is available for the preparation of groups of mammals and birds, but which requires supplementing by other specimens to complete the series to be represented. These groups are to represent the animals in their natural surroundings, as in life. Subscriptions for the

purpose of defraying the cost of preparing special groups of North American mammals, such as the Virginia Deer, Mountain Sheep and Mountain Goat, would substantially assist in perfecting the exhibition collections.

Subscriptions could be made, the donor stipulating the special purpose for which the funds should be expended. This course may be followed in instances where persons become Patrons, Fellows or Life Members of the Museum.

The fund received from the annual subscribers is an important aid to the collections, and I hope to note a large increase in this list during the coming year. The small amount to be paid as an annual member should induce many citizens to become members of the Museum; especially when the advantages offered are brought to their notice.

I have observed with pleasure the marked growth of public interest in the Museum. Every course of lectures has been attended by crowded audiences; a growing interest by students and pupils of the public and private schools is plainly manifest; the Library is more frequently consulted than at any former period of the history of the Museum, and the readers are not, as formerly, restricted to students of science.

This phase of public interest is not confined to the Library, and the Curators of the various departments earnestly encourage and foster a similar use of the collections under their charge.

The expeditions now in the field have excited renewed interest, and the public press is always alert for data pertaining to new discoveries. Such explorations could be greatly extended with advantage to the Museum, and it would be most gratifying if some of our wealthy citizens could be induced to contribute funds for this very essential part of the Museum's work.

I take this occasion to extend to the Municipal and State authorities an expression of the appreciation of the Trustees and Members of the Museum for their generous assistance in providing the facilities required for an ample display of the collections, and for the prompt and liberal aid given from time to time in the maintenance of the Museum for the benefit of the public.

In closing this brief statement of the work of the year, I beg to express my earnest appreciation of the hearty and generous

support accorded by the Trustees and Executive Committee, without which my labors in administering the affairs of the Museum would have been far less successful.

My thanks are also due to the Faculty and administrative staff of the Museum for their zealous efforts in performing the duties intrusted to them.

MORRIS K. JESUP,
President.

*List of some of the more important Collections in the American
Museum of Natural History.*

GEOLOGY.

Hitchcock, Sections across Vermont and Maine.	Jesup Collection of Building Stones.
--------------------------------------------------	--------------------------------------

MINERALOGY.

Bailey Collection.	Azurites, Malachites, etc., from the
Spang Collection.	Copper Queen Consolidated Mining
J. Pierpont Morgan Collection of Gems and Gem Minerals.	Company, Bisbee, Arizona.

FORESTRY.

Jesup Collection of North American Woods, and Water Color Illustrations.

PALÆONTOLOGY.

James Hall Collection.	Cope Collection of North American
Holmes Collection, South Carolina.	Fossil Mammals.
Haas Collection of New Zealand Moas.	Collections of North American Fossil Mammals, 1891-1895.

CONCHOLOGY.

Jay Collection.	Bickmore Collection.
D. Jackson Steward Collection.	John J. Crooke Collection.
Haines Collection.	

ENTOMOLOGY.

Grote and Robinson Collection.	S. Lowell Elliot Collection.
Drexel Collection.	James Angus Collection.
Baron Osten Sacken Collection.	George Bradford Collection.
Harry Edwards Collection.	Collection from the Vicinity of New York City.

ORNITHOLOGY.

Prince Maximilian Collection.	Dutcher Collection, Long Island Birds.
Verreaux Collection.	Chapman Collection, Cuba and Trinidad.
Elliot Collection, Hummingbirds.	Bailey Collection, North American Eggs.
Elliot Collection, North American Birds.	Howland Collection, North American Eggs.
Lawrence Collection, American Birds.	Mrs. Robert L. Stuart Collection of Bird Groups.
Scott Collection, Arizona.	
H. H. Smith Collection, Southern Brazil.	
Mearns Collection, North American Birds.	

MAMMALOLOGY.

Maximilian Collection.	Mearns Collection, North America.
Ward Collection of Monkeys.	Attwater Collection, Texas.
Price Collection, Arizona and California.	Chapman Collection, Florida and Trinidad.

ETHNOLOGY AND ARCHÆOLOGY.

Dalton and Corning Collection, Swiss Lakes.	Mearns Collection, Arizona.
Feuadent Collection, France.	Hyde Collection, Utah.
De Morgan Collection, France.	Bandelier Collection, Peru.
Robinson Collection, Europe.	Bishop Collection, British Columbia.
Bement Collection, Denmark.	Emmons Collections, Alaska.
Squier and Davis Collection, Central America.	Lumholtz Collection, Mexico.
Marquand Collection, Missouri.	Sturgis Collection, Pacific Islands.
Jones Collection, Georgia.	Huntington Collection, Africa.
	Peary Collection, Greenland.
	Kunz Collection, Jades and Jadeites.

LIBRARY.

James Angus Collection, Entomology.	D. G. Elliot Collection, Ornithology.
S. P. Avery Collection, Botany and general Zoölogy.	S. L. Elliot Collection, General.
Brevoort Collection, Ichthyology.	Jewett Collection, Voyages and Travels.
Cotheal Collection, Microscopy, Botany and general Zoölogy.	Whitfield Collection, Geology and Palæontology.
J. J. Crooke Collection, Conchology.	Jay-Wolfe Collection, Conchology.

Department of Public Parks.....	\$75,000 00
---------------------------------	-------------

To Balance 4,620 33

\$79,620 33

Examined { THEO. A. HAVEMEYER, { *Auditing*
and approved, { ANSON W. HARD, { *Committee.*

Correct.—JOS. W. EDWARDS, *Auditor, Feb. 8, 1896.*

in account with CHARLES LANIER, TREASURER.

MAINTENANCE.

EXPENDITURES.

By Expressage.....	\$	689	02	
Salaries.....		33,274	90	
Labor.....		26,274	54	
General Expenses.....		3,253	07	
Printing.....		110	05	
Postage.....		409	48	
Repairs.....		351	35	
Coal.....		5,396	16	
Supplies.....		3,471	53	
Labels.....		876	33	
Stationery.....		604	66	
Fixtures.....		3,596	29	
Interest on "Dr." balances.....		554	32	
Poison.....		134	33	
Travelling Expenses.....		137	75	
Annual Report.....		486	55	\$79,620 33
				<u>\$79,620 33</u>
By Balance.....				<u>\$4,620 33</u>

CHARLES LANIER, *Treasurer.*

[E. & O. E.]

NEW YORK, *Feb. 8, 1896.*

THE AMERICAN MUSEUM OF NATURAL HISTORY

ENDOWMENT.

RECEIPTS.

To Annual Members.....	\$7,120 00	
Life Members : Ambrose K. Ely, A. G. Mills, Alfred Roelker, Henry R. Kunhardt, Jr., C. de P. Field, Mark Hoyt, Richard H. Allen, Fred. A. Schermerhorn,	790 00	
Interest on Invested Funds.....	18,000 00	
Trustees : Oswald Ottendorfer	\$1,000 00	
William C. Whitney.....	500 00	1,500 00
Admission Fees.....	910 00	
Patrons : William Rockefeller.....	1,000 00	
Professor Henry F. Osborn, Subscription.....	500 00	
Cope Collection Fund :		
Mrs. W. H. Osborn.....	\$1,000 00	
Professor Henry F. Osborn	1,000 00	
From a friend.....	3,000 00	
Frederic E. Church	250 00	
Morris K. Jesup.....	2,000 00	
D. Willis James.....	1,000 00	
C. Vanderbilt.....	1,000 00	
James M. Constable.....	1,000 00	
Charles Lanier.....	500 00	
Theo. A. Havemeyer.....	1,000 00	
John D. Crimmins.....	1,000 00	
Wm. E. Dodge.....	1,000 00	
J. Pierpont Morgan	1,000 00	
Adrian Iselin.....	1,000 00	15,750 00
Peary Relief Expedition : Theo. A. Havemeyer.....	250 00	
Honduras Expedition : Joseph F. Loubat	\$ 500 00	
Morris K. Jesup	1,000 00	1,500 00
Collecting Permits.....	29 00	
Guides.....	230 85	
State Superintendent of Public Instruction.....	11,083 33	
Cash, January 1st, 1895.....	3,684 11	\$62,347 29
To Balance.....		3,278 68
		<u>\$65,625 97</u>

Examined { THEO. A. HAVEMEYER, } Auditing
and approved, { ANSON W. HARD, } Committee.

Correct.—JOS. W. EDWARDS, Auditor, Feb. 8, 1896.

ENDOWMENT.

EXPENDITURES.

By Minerals	\$276	00	
Mammalian Palæontology.....	3,891	03	
Ornithology.....	772	64	
Bulletin.....	2,669	18	
Mammals	1,806	15	
Ethnic Groups.....	493	28	
Emmons Second Collection.....	6,711	62	
Kunz Collection.....	600	00	
Anthropology.....	4,182	75	
Library.....	775	53	
Mammal Groups	754	73	
Appleton Sturges.	4,064	38	
Skeletons.....	200	00	
Lumholtz Expedition	2,016	35	
Geology.	42	50	
Postage.....	9	36	
Travelling Expenses.....	308	40	
Special Account.....	75	00	
Peruvian Expedition.....	4,744	31	
Edwards Entomological Collection.....	600	00	
Entomology.....	139	25	
Sumatra Expedition.....	986	52	
Spang Collection.....	524	36	
Haines Collection	1,000	00	
Edward D. Cope.....	15,813	08	
Peary Relief Expedition	1,465	06	
Honduras Expedition	2,000	00	
Economic Collection.....	87	88	
Department of Public Instruction.....	8,616	61	\$65,625 97
			<u>\$65,625 97</u>
By Balance.....			<u>\$3,278 68</u>

CHARLES LANIER, *Treasurer.*

[E. & O. E.]

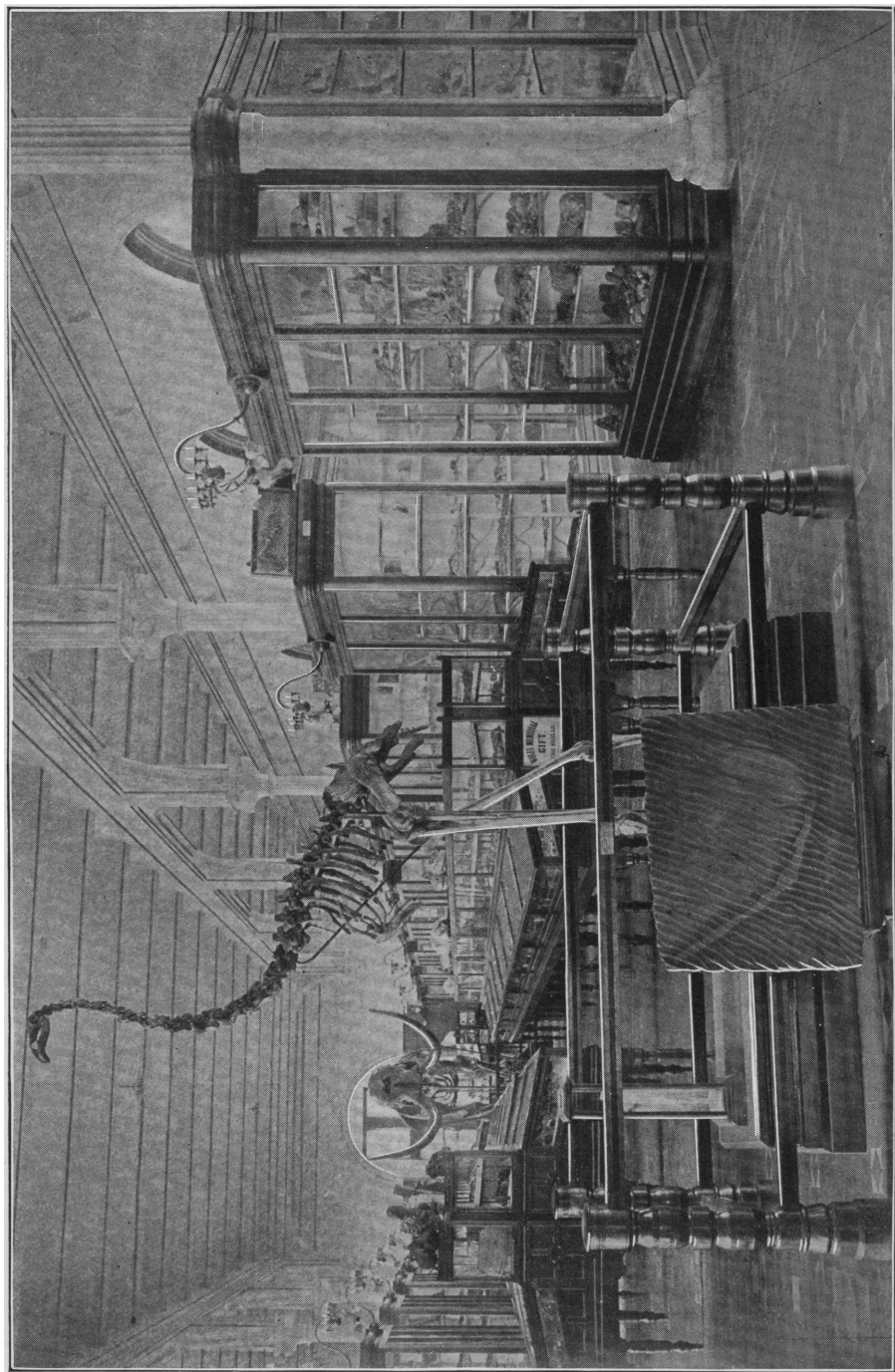
NEW YORK, *Feb. 3, 1896.*

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.

GEOLOGICAL HALL, OLD BUILDING, 1895.

LIST OF ACCESSIONS, 1895.

DONATIONS.

LIBRARY.

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 A geode from Keokuk, Iowa.
- HARLAN I. SMITH, New York City.
 A large piece of Muscovite from 83d Street and North River, New York City.
- CHARLES H. SNOW.
 1 Specimen of altered Pyrite (altered to Limonite), from shore of Salt Lake, Utah.
- MISS TORREY, New York City.
 1 Specimen of Cumingtonite, from Cumington, Mass.
- MISS C. S. TRIPP, 192 Lefferts Place, Brooklyn, N. Y.
 5 Specimens of fibrous Barite.
- WILLIAM WALLACE, New York City.
 A large mass of Tourmaline, from near Fort George, New York City.

CONCHOLOGICAL DEPARTMENT.

- E. O. HOVEY, New York City.
 25 Specimens of Littorina and Purpura, from Hampton Beach, N. H.
- F. C. NICHOLAS, 137 Broadway, New York City.
 3 Specimens of Helix, from Jamaica.
 9 " Strophia, from Curaçoa.
 6 " Orthalicus, from Colombia.
 8 " Bulimus, " "
 1 " Oleacina, " "
 1 " Raeta, " "
 4 " Strombus, " "
 7 " Cassis, " "
 6 " Cypræa, " "
 1 " Dolium, " "
 3 " Bulla, " "
 1 " Fasciolaria, " "
 3 " Natica, " "
 1 " Ampullaria, " "
 6 " Oliva, " "
 2 " Purpura, " "
 3 " Marginella, " "
 8 " Littorina, " "
 2 " Ancillaria, " "
 2 " Turritella, " "
 1 " Triton, " "

- MISS ANNIE PENISTON, The Flats, Bermuda.
 130 Lots of shells, nearly all from Bermuda.
- PROF. R. P. WHITFIELD, New York City.
 400 Specimens of shells, from Bermuda.
- MRS. M. A. WITTHAUS, Hotel Beresford, New York City.
 1 Very fine example of *Strombus cylindricus* Sow., from Manilla preserving epidermis and operculum.

DEPARTMENT OF MARINE INVERTEBRATES.

- MRS. FRANCES B. ARNOLD, 101 West 78th Street, New York City.
 1 Large Star Fish.
 1 Sea-fan (*Gorgonia plumosa*), both West Indies or Bermuda.
- EMILE DES MARETS, 3 West 87th Street, New York City.
 A group of *Balanus tintinnabulum*.
- W. E. DODGE, New York City, from the Zoölogical Station at Naples, through H. Linden, Secretary.
- 1 Specimen *Axinella faveolaria*.
 1 " *Leucosolemia primordialis*.
 1 " *Spongelia pallescens*.
 1 " *Anemonia sulcata*.
 1 " *Cereactis amantiaca*.
 1 " *Cladactis castæ*.
 1 " *Gorgonella sarmentosa*.
 1 " *Muricea chameleon*.
 1 " *Pennatula rubra*.
 1 " *Primnoa verticillaris*.
 1 " *Pteroides spinulosus*.
 1 " *Aglaophenia myriophyllum*.
 1 " *Antennularia ramosa*.
 1 " *Gonothyrea Lowenii*—*Oceania pileata*.
 1 " *Tima flavilabris*.
 1 " *Apolemia uvaria*.
 1 " *Forskalia Edwardsii*.
 3 " *Astropecten squamatus*.
 1 " *Ophidiaster attenuatus*.
 3 " *Orphithrix fragilis*.
 1 " *Holothuria stellata*.
 1 " *Phyllophorus urria*.
 1 " *Stichopus regalis*.
 1 " *Berlasia Elizabethæ*.
 1 " *Cerebratulus pantherinus*.
 1 " *Sipunculus tessellatus*.
 2 " *Hesione sicula*.
 2 " *Notocisshus geniculatus*.
 1 " *Phyllococe Paretti*.
 2 " *Sigalion squamatus*.
 2 " *Stiphoastoma diplochaitos*.
 2 " *Stylarioides hirsutus*.
 1 " *Mimosella gracilis*.
 1 " *Salicornaria farciminoïdes*—*Conchoderma virgata*.
 1 " *Sacculina* sp. with *Eriphia spinifrons*.
 1 " *Cardium aculeatum*.
 1 " *Mactra helvacea*.
 2 " *Acera bullata*.

W. E. DODGE, New York City.—Continued.

1	specimen	<i>Aplysia depilans.</i>
1	"	<i>Aplysia limacina.</i>
3	"	<i>Dentalium entalis.</i>
2	"	<i>Marionia quadrilatera.</i>
2	"	<i>Notarchus neapolitanus.</i>
1	"	<i>Oscanius tuberculata.</i>
1	"	<i>Scaphander lignarius.</i>
1	"	<i>Illex Coindetii.</i>
2	"	<i>Loligo Marmoræ.</i>
1	"	<i>Octopus Defilippii.</i>
1	"	<i>Botrylloides Gascoi.</i>
1	"	<i>Diazona (?) violacea.</i>
2	"	<i>Ascidia fumigata.</i>
2	"	<i>Cynthia papillosa.</i>
1	"	<i>Polycarpa glomerata.</i> Tunicate.
1	"	<i>Pyrosoma elegans.</i>
1	"	<i>Salpa Tilesii (aggregata).</i>
2	"	" " (solitaria).
	"	" " <i>fusiformis (aggregata).</i>
2	"	" " (solitaria).
1	"	<i>Cerianthus membranaceus.</i>
1	"	<i>Eudendrium rameum.</i>

HENRY ERBEN, Rear Admiral U. S. N.

2 Specimens of *Halomitra pileus* Pallas (Neptune's cap), from the Samoan Islands, commonly called Helmet Coral.

HARLAN I. SMITH, New York City.

A series of Cray-fish from Ohio, Michigan, &c., in alcohol, 8 bottles.

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

100 Specimens of Coral from Bermuda.
 14 Species of Sea-fans, Gorgonias, &c., from Bermuda.
 8 " Sponges, from Bermuda.
 8 " Crustaceans, from Bermuda.

DEPARTMENT OF MAMMALS.

ANASTASIO ALFARO, San José, Costa Rica.

26 Specimens, from Costa Rica, including types of several new species.

CLEVELAND ALLEN, New York City.

8 Red Squirrels, 3 Chipmunks, 1 Deer Mouse.

A. AMMON, New York City.

1 White Rat.

H. P. ATTWATER, San Antonio, Texas.

4 Pocket Mice, 2 Taylor's Mice, 2 Harvest Mice, 1 Kangaroo Rat, 1 Bat, 2 young Hares, from San Antonio, Texas.

J. A. BAILEY, New York City.

2 Lions, 2 Pumas (cubs), 1 Tiger, 2 Leopards, 1 Yak, 2 Zebus, 1 Nylghau, 1 Gnu, 1 Gemsbok, 1 Oryx, 1 Fallow Deer, 1 Camel, 1 Tapir. Total, 17 specimens, received in the flesh.

LOUIS B. BISHOP, M.D., New Haven, Conn.

7 Squirrels and 1 Hare, from Turtle Mountain, North Dakota.

C. L. BROWNELL, Nyack, N. Y.

32 Specimens, from Florida.

DONALD BURNS, New York City.

1 Tapir, 1 Coati.

F. COLMAN, New York City.

1 Elk head, mounted.

S. H. CHUBB, New York City.

4 specimens, from Greene Co., N. Y.

F. M. CLARK, New York City.

1 Angora Cat.

F. DENHARD, New York City.

1 Ermine.

DEPARTMENT OF PUBLIC PARKS, New York City.

22 Monkeys (various species), 1 Panther, 2 Ocelots, 1 young Leopard, 1 Yaguarandi, 1 Lynx, 3 Lions, 1 Persian Cat, 5 young Eskimo Dogs, 1 Red Fox, 1 Kinkajou, 1 Ferret, 1 Civet Cat, 4 Coatis, 2 Raccoons, 1 Mongoose, 1 Bear, 1 Harbor Seal, 1 Elk, 3 Fallow Deer, 6 Virginia Deer, 4 Axis Deer, 2 Chrevotians, 2 Indian Antelopes, 3 Zebus, 3 Barbary Wild Sheep, 1 Brazilian Sheep, 2 Angora Goats, 2 Camels, 1 Guinea Pig, 3 Agoutis, 1 Kangaroo, 2 Opossums. Total, 84 specimens, received in the flesh, from the Central Park Menagerie.

R. L. DITMARS, New York City.

1 Rat.

C. HAGENBECK, New York City.

1 European Wild Boar.

EDWIN S. HATHAWAY, Missoula, Mont.

2 Mountain Goats.

W. C. JORDAN, New York City.

1 Terrier Dog.

F. R. KALDENBERG, New York City.

8 Babirousa tusks.

G. LANGMANN, M.D., New York City.

4 European Hedgehogs.

R. L. MILHAU, Brooklyn, N. Y.

1 "Kangaroo" Cat (mounted).

PROF. HENRY FAIRFIELD OSBORN, New York City.

1 St. Bernard Dog.

DR. C. B. PARKER, Brooklyn, N. Y.

4 Newfoundland Caribou.

R. E. PEARY, C.E., U. S. N., New York City.

2 Polar Bear, 1 Arctic Fox, 1 Arctic Hare.

JOHN ROWLEY, JR., New York City.

1 White Weasel.

ALBERT SMITH, New York City.

1 Opossum.

DELANO SMITH, New York City.

1 Mexican Squirrel.

DE COST SMITH, New York City.

1 Bison skull, 1 Elk skull.

Miss ELLA STARR, New York City.

1 Deer Hound.

I. N. TRAVIS, JR., Orange, N. J.

1 Raccoon.

- WILLIAM WALLACE, New York City.
 3 Skeletons of Pigs, 1 skeleton of Horse, 1 skeleton of Cow.
- H. WELLES, New York City.
 4 Wood Hares.
- J. L. WORTMAN, M.D., New York City.
 1 Beaver skeleton.
- CURTISS C. YOUNG, Brooklyn, N. Y.
 5 Specimens, from Province of Quebec.

DEPARTMENT OF BIRDS.

- MRS. FRANCES B. ARNOLD, New York City.
 6 Mounted birds.
- DR. J. C. BARRON.
 1 Whistling Swan.
- DR. J. A. BLAKE.
 1 Phalarope.
- L. F. BROWN, New York City.
 1 Wild Turkey, mounted, from Williamsport, Pa.
- S. H. CHUBB, New York City.
 37 Specimens, from New York State.
- FRED. H. COMSTOCK, New York City.
 1 Pileated Woodpecker.
- W. S. CUSHING, Dobb's Ferry, N. Y.
 1 Hummingbird.
- WILLIAM DUTCHER, New York City.
 3 Phalaropes, 1 Owl, 2 Least Bitterns, 2 Warblers, 1 Thrush, 1 Sparrow.

DEPARTMENT OF PUBLIC PARKS, New York City.

- 1 Emu, 1 Cassowary, 13 Swans, 4 Geese, 1 Gull, 3 Pheasants, 2 Peacocks, 2 Doves, 1 Screamer, 2 Eagles, 7 Hawks, 6 Owls, 16 Parrots, 1 Raven, 3 Crows, 1 Bobolink, 1 Grackle, 1 Oriole, 1 Finch, 2 Grosbeaks, 1 Mockingbird. Total, 72 specimens, received in the flesh, from the Central Park Menagerie.
- J. A. GALLATIN, East Hampton, N. Y.
 1 Short-eared Owl.
- M. GEBEKE, New York City.
 1 Parrot.
- M. GUESEDE, Guadalupe Island, West Indies.
 1 Burrowing Owl, from Guadalupe Island.
- HENRY HALES, Ridgewood, N. J.
 1 Herring Gull, 1 Fulmar.
- DR. J. C. HALLOCK, Westminster, Conn.
 1 Marsh Hawk.
- H. O. HAVERMEYER, JR., New York City.
 1 Carrier Pigeon, 1 Fantail Pigeon.
- B. T. B. HYDE, New York City.
 4 specimens, from Palestine.
- LINNÆAN SOCIETY OF NEW YORK, New York City.
 The William Dutcher Collection, consisting of 2015 specimens, chiefly from Long Island, N. Y.

- ROBERT H. MITCHELL, Memphis, Tenn.
 1 Clark's Crow, from Chittenden Co., Ark.
- REV. R. B. POST.
 1 Surf Scoter, 1 Long-eared Owl.
- R. E. PEARY, C.E., U.S.N., New York City.
 82 rare bird skins, from Greenland.
- MRS. MILTON ROBBINS, New York City.
 1 Albino Grouse and 1 Loon, mounted.
- FRANKLIN DELANO ROOSEVELT, New York City.
 1 Vireo's nest.
- JOHN ROWLEY, JR., New York City.
 1 Pileated Woodpecker, 1 European Goldfinch.
- S. B. SCHIEFFELIN, New York City.
 1 Argus Pheasant, 1 Little Blue Heron.
- DONALD SMITH, New York City.
 1 Parrot.
- MRS. C. SNIFFIN, New York City.
 1 Barred Owl, mounted.
- J. DE SOLA, New York City.
 15 Hummingbirds, from Colombia.
- MRS. WM. B. STAFFORD, New York City.
 1 Blue Heron, 1 Crow, mounted.
- I. N. TRAVIS, JR., Orange, N. J.
 1 Little Blue Heron, 1 Hawk, 1 Woodpecker.
- MRS. VALENTINE, New York City.
 1 Pheasant, mounted.
- C. WHEATON VAUGHAN, New York City.
 1 Grebe.
- OTTO WIDMANN, Old Orchard, Mo.
 Nest and Eggs of Brown Creeper, from Missouri.

DEPARTMENT OF REPTILES AND FISHES.

- JUDGE JAMES BELL, Gainesville, Fla.
 2 Diamond-backed Rattlesnakes, from Florida.
- MISSSES ELSIE and LOUISE BLAKE, Brooklyn, N. Y.
 1 Lizard, from Trinidad, B. W. I.
- IRVING CADMUS, New York City.
 1 Snake (*Corallus cookii*), from Cuba.
- S. H. CHUBB, New York City.
 1 Snake.
- DEPARTMENT OF PUBLIC PARKS, New York City.
 1 Alligator, 1 Turtle, from Central Park Menagerie.
- R. L. DITMARS, New York City.
 1 Rattlesnake from Texas.
 1 Gophersnake from Florida.
 1 Bullsnae from Texas.
- WM. E. DODGE, New York City.
 4 Fishes from Naples, Italy (through H. Linden, Secretary Naples Zoölogical Station).

- CHARLES J. EDER, New York City.
4 Bottles of Reptiles, from Colombia.
- WILLIAM NIVEN, New York City.
1 Garter Snake.
- MRS. A. PELLETIER, New York City.
1 Young Alligator.
- RALSTON BROTHERS, New York City.
2 Snakes (*Bascantion flagelliformis* and *Python reticulatus*).
- W. L. SHERWOOD, New York City.
2 Specimens of *Proteus anguis*.

DEPARTMENT OF ENTOMOLOGY.

- MRS. A. A. BRADFORD, New York City.
2000 (unmounted) Beetles collected by the late George D. Bradford.
- RUDOLPH WEBER, New York City.
About 500 specimens of Butterflies collected by him in Sumatra, and mostly all new to the collection of the Museum.
- FRANCIS CHILD NICHOLAS, New York City.
About 750 Butterflies, from Honduras and U. S. Columbia.
- WILLIAM MENZIES, New York City.
500 Beetles from North and South America.
1 larva of June Beetle infested by a fungus growth.
- DR. J. L. WORTMAN, New York City.
About 200 Insects from Wyoming.
- MRS. J. M. HUNTER, New York City.
Specimen of Wood injured by Beetles.
- E. DAECKE, New York City.
Specimen of Cigar injured by Beetles.
- MISS ANNA TUTTLES, New York City.
1 Hornet's Nest.
- WILLIAM SCHAUS, Twickenham, England.
1 Pair of *Eudæmonia argus*.
- MRS. M. A. WITTHAUS, New York City.
A peculiar Lepidopterous larva.

DEPARTMENT OF VERTEBRATE PALÆONTOLOGY.

- PROF. HENRY F. OSBORN.
From Jura-Trias of Chatham Coal-fields, Egypt, N. C., 120 specimens of reptilian bones, including 3 fragmentary skulls.

DEPARTMENT OF ANTHROPOLOGY.

- SCHOOL OF ANTHROPOLOGY, Paris, by the Woman's Anthropological Society of Washington, D. C.
3 Porcelain spindle whorls from French Pyrenees.
- J. A. BAILEY, New York City.
Catamaran used in pearl fishing, Point de Galle, Ceylon.
Lotu Savata, or small boat from Sulu Islands. Racing cart for trotting steers, from Pego, Lower Burmah.

- COL. FREDERICK H. BIERBOWER, Maysville, Kentucky.
A collection of archæological specimens from the surface of the Fox Estate, May's Lick, Mason Co., Kentucky.
- C. C. BROOKINGS, of Murphysville, Mason Co., Kentucky.
1 Pitted stone from near Murphysville.
- MRS. J. CROSBY BROWN, New York City.
16 Musical instruments from various regions. 1 Indian pictograph.
- ALEXANDER C. CHENOWETH, New York City.
Collection of archæological specimens from the northern part of Manhattan Island; also rock with markings from Inwood, N. Y., figured and described by Miss Horsford as probably a Runic inscription.
- MRS. RICHARD P. DANA, 338 West 88th St., New York City.
1 Mojave fire-stick from Arizona.
- VICTOR EDWARDS, Middle Island, L. I., N. Y.
Grooved axe and 2 quartz points from Middle Island, New York.
- WM. H. DE FOREST, SR., 111 Broadway, New York City.
2 Stone statues from Mexico.
- W. LEWIS FRAZIER.
Flint knife and fragment of pottery representing a human face, from Central America.
- MRS. T. K. GIBBS, 62 West 21st St., New York City.
1 Small clay head. 18 Beads made of Crinoid stems, from Henderson Co., Ky.
- B. TALBOT B. HYDE AND FREDERICK E. HYDE, JR.
A large collection from the Cliff-houses and Burial-caves in Utah; also 2 Saddle bags from Palestine.
- J. BRADLEY JAMES, JR.
60 Archæological specimens from Van Cortlandt Park and vicinity, consisting of chipped implements, inchoate forms, potsherds, hammer-stones, celts, etc.
- MORRIS K. JESUP.
4 Bromide enlargements of photographs of Greenland highlanders, taken by Lieut. Robert E. Peary.
- J. R. HUDSON, 230 West 96th St., New York City.
1 Chalcedony knife, from Uintah Co., Wyoming. 1 Chert arrow head, from Schoharie, N. Y.
- H. F. KINGSLEY, M.D., Schoharie, N. Y.
About 320 specimens from ancient workshops, including hammer-stones, so-called sinkers, potsherds, and numerous pieces of chert from the raw state to the finished implement.
- HERMAN KNÜBEL, 275 West 84th St., N. Y.
1 Bow, 2 Arrows and 1 Turtle spear from San Blas Indians, Colombia, South America.
- L. C. LAUDY.
3 Negatives of masks from South Sea Islands.
- EMILE DES MARETS, 3 West 87th St., N. Y.
9 Pottery vessels, 3 Baskets and 1 small gourd, from Yucatan.
1 Pottery vase from Mexico. 2 Dessicated potatoes from Peru. 3 Photographs of Peruvian antiquities. 1 Tripod bowl and 1 Metate, from Costa Rica.

H. T. MARTIN.

Charred corn from an ancient ruin in Logan Co., Kansas.

LIEUT. EDGAR A. MEARNES, U. S. A.

5 Specimens. 1 Object, made of a femur, and of 2 humeri of the beaver, believed to facilitate teething. 1 Doll's shirt. 1 Toy saddle. 1 Grizzly bear claw pendant. 1 Fragment of necklace with brass bone and beads on leather string. Captured from Sioux Indians of Bigfoot's band at the battle of Wounded Knee, by Private Frank X. Holzner.

GOVERNMENT OF NICARAGUA, through Hon. A. D. Strauss, Consul General at New York.

Collection of Nicaraguan antiquities.

FRANCIS C. NICHOLAS, 137 Broadway, N. Y.

156 Specimens—consisting of stone beads, implements, pottery, cups, etc., from Colombia. Manuscript—"Some Archæological Specimens from Ancient Graves in Northern South America."

PEABODY MUSEUM, Cambridge, Mass.

Small collection of specimens with photographs and map to illustrate ancient chipping of implements from felsite, at Mt. Kineo, Me.

ROBERT PEELE, JR., School of Mines, Columbia College, New York City.

1 Bow and 9 arrows from the Chamchamayo district. Eastern Peru, near the Brazilian frontier. 2 Feather head-dresses and 2 painted war garments of bark cloth, from Bolivia, South America.

PHILIP SCHUYLER, 18 Washington Square, New York City.

30 Ethnological specimens, consisting of saddlebags, bows, arrows, tobacco pouch, war bonnet, pipe, bag, etc., from Ogallala Sioux Indians; also, shield, war club, knives, spears, etc., from Egypt—between the first and second cataracts of the Nile.

HARLAN I. SMITH.

2 Ojibwa moccasins and 1 Ojibwa cradle board, from the Saginaw Valley, Mich. 1 piece of soap root, such as is used in washing by the Mojave Indians of Arizona.

APPLETON STURGIS, New York City.

36 Specimens—fetishes, paddles, clubs, etc., from South Sea Islands.

WM. WALLACE.

4 Chert knives, 1 mortar and 1 pestle, from Lawyersville, Schoharie Co., N. Y.

JOHN H. WINSER.

1 Pair Eskimo boots.

FREEMAN ZIMMER, Schoharie, N. Y.

1 Hammer-stone.

ECONOMIC DEPARTMENT.

E. ACHESON, through W. R. Strouse, 122 West 87th St., New York City.

1 Specimen of crystallized Carborundum.

A series of samples of ground Carborundum, showing different grades.

1 Hone and 3 Wheels made of the different grades, all from the Carborundum Co. at Monongahela, Pa.

C. P. SYKES, Calabasa, Arizona.

2 Blocks of Lithographic Stone from Sycamore Creek, Yavapai Co., Ariz.

6 Slabs of Clouded Marbles " " " " " "

EXCHANGES.

MINERALOGICAL DEPARTMENT.

- C. J. BATES, 126 Liberty Street, New York City.
 1 Cut gem and crystal of Diopside from DeKalb, St. Lawrence Co., N. Y.
- L. CAHN, New York City.
 2 Mannebach twins, Microcline, from Pike's Peak, Col.
- JOHN A. MANLEY, New Brunswick, N. J.
 1 Group of Thenardite crystals, from Borax Lake, Cal.
 1 Specimen of Actinolite, from Mineral City, Va.
 1 " " Pyrite, " "
- C. H. NORTHUP, Mojave, Cal., through Prof. F. L. Nason.
 2 Groups of Halite.
 4 Octahedral Halites.
 1 Large specimen of Halite.
 24 Twinned and intersecting crystals of Thenardite.
 2 Large crystals of Thenardite.
 17 Hanksites (groups and separate). All from Borax Lake, Cal.

DEPARTMENT OF MAMMALS.

433 Small Mammals, mostly from Texas and New York.

DEPARTMENT OF BIRDS.

306 Specimens, chiefly from U. S. National Museum.

DEPARTMENT OF ANTHROPOLOGY.

U. S. NATIONAL MUSEUM.

Photographs No. 225 to No. 288, inclusive, taken by Dr. Franz Boas, in British Columbia.

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MINERALOGICAL DEPARTMENT.

THROUGH MUSEUM EXPEDITIONS.

- 5 Specimens of Gilsonite from near Ouray Agency, Utah. Collected by O. A. Peterson.

BY PURCHASE.

- 1 Stalactitic mass of Limonite, from Dutchess Co., N. Y.
 2 Specimens showing crystals of Xenotime and Monazite, Harlem River Speedway, N. Y.
 1 Block of gneiss with radiated Tourmaline, from Harlem River Speedway, N. Y.
 1 Thin curtain-like Stalactite, from the Copper Queen Mine, Bisbee, Ariz.
 1 Large Stalactitic mass, " " " " " "

DEPARTMENT OF MARINE INVERTEBRATES.

BY PURCHASE.

- 1 Specimen of a *Madrepora palmata*, from the West Indies.
 1 Model of the Giant Squid (*Architeuthis princeps* Ver.), from Newfoundland.
 1 " " " " *Octopus punctatus* Gabb.), from California.
 5 Photogravures of the Great Barrier reefs of Australia.
 24 Photographs of the Coral reefs of the New Hebrides.

DEPARTMENT OF MAMMALS.

BY PURCHASE.

588 Specimens, nearly all North American.

THROUGH MUSEUM EXPEDITIONS.

687 Specimens, mostly from Utah, Wyoming, Nebraska and Greenland.

DEPARTMENT OF BIRDS.

BY PURCHASE.

85 Specimens, chiefly from Greenland.

THROUGH MUSEUM EXPEDITIONS.

225 Specimens from Greenland ; 73 from Utah and Wyoming ; 150 from Sumatra.

DEPARTMENT OF REPTILES AND FISHES.

THROUGH MUSEUM EXPEDITIONS.

25 Specimens, from Utah, Wyoming and Nebraska ; 110 specimens from Sumatra.

DEPARTMENT OF ENTOMOLOGY.

BY PURCHASE.

A Collection of about 2000 Beetles from Europe.
12 Morpho Butterflies from U. S. Columbia.

THROUGH FIELD WORK BY THE CURATOR.

About 3000 specimens of Insects of all orders from the vicinity of New York.

THROUGH MUSEUM EXPEDITIONS.

About 1600 specimens of Insects collected by R. Weber in Sumatra.

DEPARTMENT OF VERTEBRATE PALÆONTOLOGY.

THROUGH MUSEUM EXPEDITIONS.

Into Eocene Bad Lands, Utah, 160 specimens, including 18 more or less perfect skulls.

Into Eocene Bad Lands, Wyoming, 64 specimens, including 5 more or less perfect skulls.

BY PURCHASE.

- The Prof. E. D. Cope Collection of Fossil Mammals of North America, including 483 species, 5 mounted skeletons, 5 unmounted skeletons, and probably not less than ten thousand specimens.
 3 Skulls of Titanotheres, from J. B. Hatcher and J. W. Gidley.
 1 Skull and shoulder girdle of Mosasaur, from Handel T. Martin.
 Limbs of Titanotheres, from J. W. Gidley.
 Jaw of Rhinoceros, from W. C. Wells.

DEPARTMENT OF ANTHROPOLOGY.

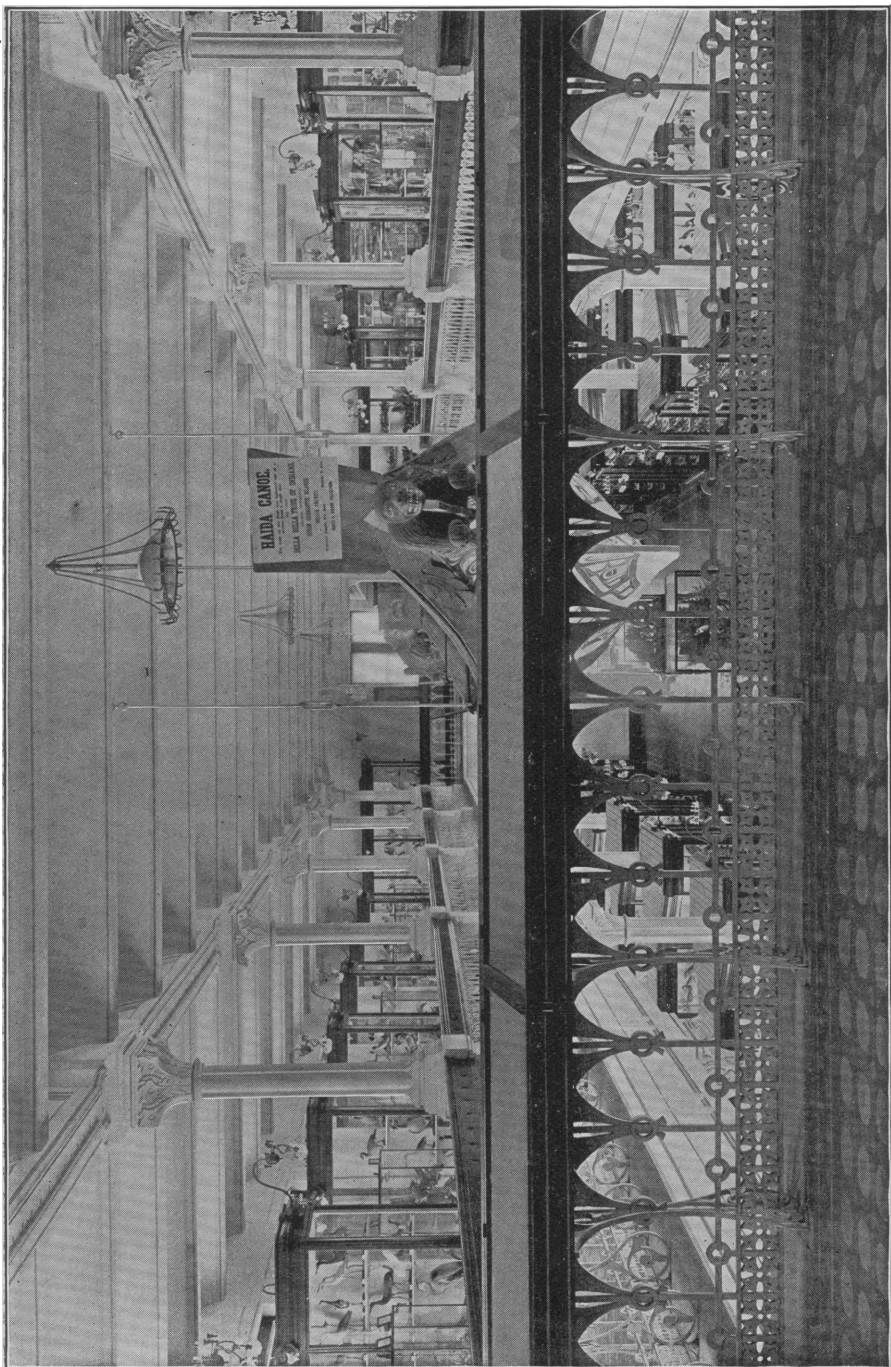
BY PURCHASE.

- WM. KURTZ.
 20 Negatives and mounted photographs taken for the Museum, of Mojave and Accawai Indians, Samoans, etc., being some of the people of the Ethnological Congress of Barnum & Bailey.
- JAMES MORGAN, of Barnum & Bailey.
 2 Feather head-dresses, 1 necklace of peccary teeth, from the Accawai Indians of British Guiana, South America.
- WM. NIVEN.
 2 Ancient vases, from a railroad cutting between Cuicatlan and Etlá, Oaxaca, Mexico.
- J. N. OWENS.
 Prints from 79 negatives taken by Dr. Franz Boas, in British Columbia.
- ERNEST L. PRIOR.
 Paddles, fish-hooks, baskets, mats, tappa cloth, etc., from South Sea Islands.
- GEORGE H. SHELDON.
 1 War club and 1 cradle, from the Sioux Indians of Pine Ridge Agency, Dakota.
- CLARENCE PULLEN.
 A collection of Navajo blankets and other ethnological specimens from the southwestern portion of the United States.

BY SPECIAL EXPLORATIONS FOR THE MUSEUM.

- DR. FRANZ BOAS.
 79 Negatives and 5 photographs of Coast Indians of British Columbia.
 1 Human skull, 1 whistle, stone implements, beads, 1 metal image, etc., 2 house posts, 1 grave post, casts of rock carvings, masks, etc., from British Columbia.
- DR. GEORGE A. DORSEY.
 6 Boxes archæological specimens from Mounds in Central Ohio.
- O. C. HASTINGS.
 Skeletons from a cave on Gabriola Island, British Columbia.
- DR. ADOLPH F. BANDELIER.
 Photographs and 115 cases of antiquities from Peru and Bolivia.
- DR. CARL LUMHOLTZ.
 Negatives, skulls, stone implements, girdles, gamesticks, primitive corn, etc., from Mexico.

- DR. CHARLES L. METZ.
22 Boxes of archæological specimens from the Madisonville Pre-historic Cemetery, Ohio.
- M. H. SAVILLE.
Archæological specimens from the ruins of San Juan Teotihuacan and Mitla, Mexico.
- GEORGE H. PEPPER.
Collection of human remains, implements, utensils, etc., from an Indian Burial-place, Tottenville, Staten Island.
- HARLAN I. SMITH.
6 Archæological specimens from a shell heap, near Harlem River, Manhattan Island, New York City.
48 Negatives and 115 boxes of specimens from the mounds and burial places upon the Fox Estate, near May's Lick, Mason Co., Ky.
- HARLAN I. SMITH AND FRANK WALLACE.
Ancient grave stone, human bones and workshop materials, showing method of manufacture of stone points for spears, arrows, etc., and the tools used in such manufacture, from the Schoharie Valley, N. Y.
- J. A. TEIT.
Ethnological collection, illustrating the life and arts of the Thompson River Indians, British Columbia.
- RUDOLPH WEBER.
Ethnological specimens from Sumatra.



L. C. LAUDY, PHOTO.

GALLERY, BIRD HALL, OLD BUILDING, 1895.

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.

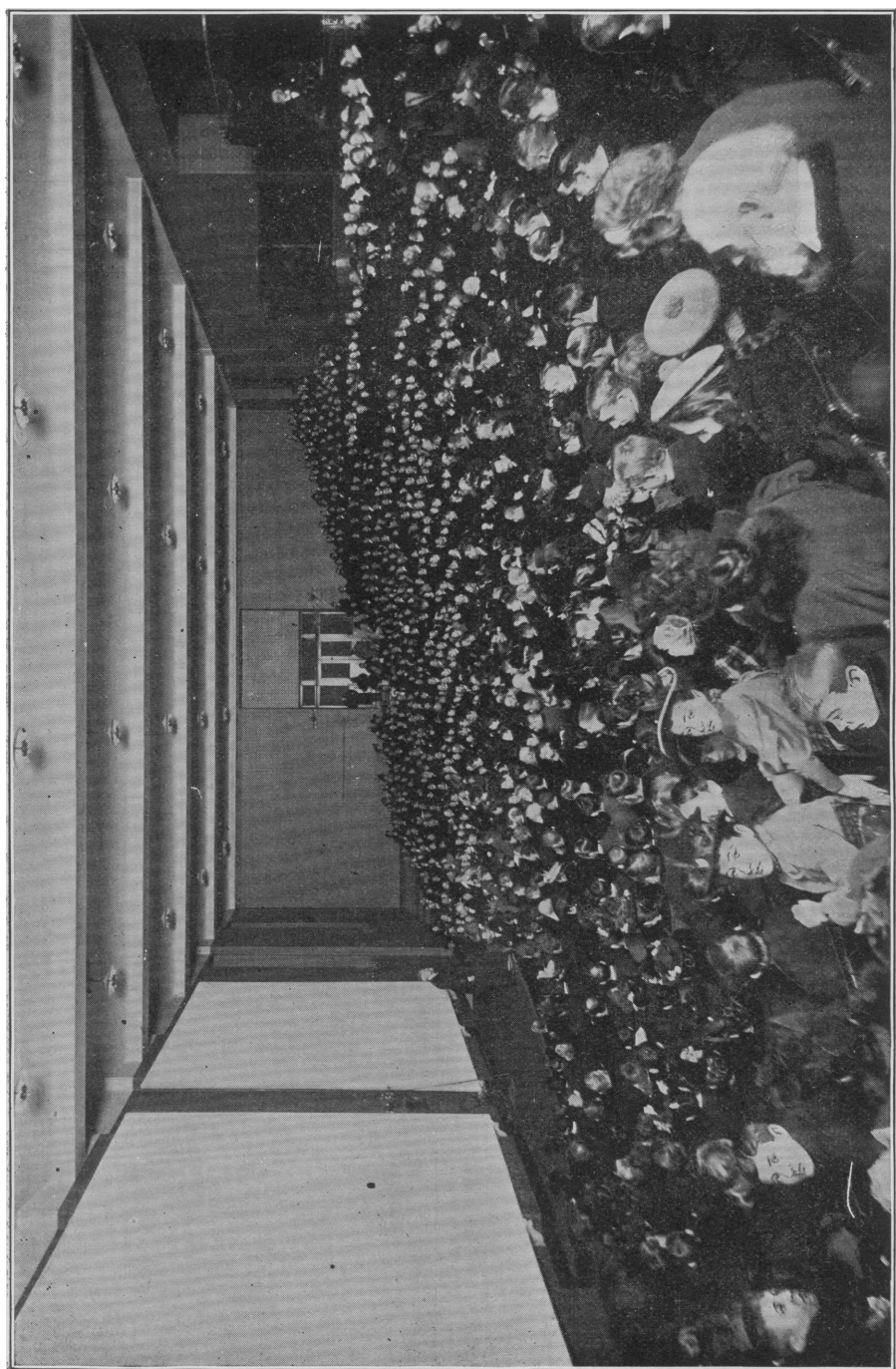
SEC. 5. This Act shall take effect immediately.

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.*



LECTURE HALL.—FREE PUBLIC LECTURE, NEW YEAR'S DAY, 1896.

CONTRACT

WITH THE DEPARTMENT OF PUBLIC PARKS

FOR THE OCCUPATION OF THE NEW BUILDING.

THIS AGREEMENT, made and concluded on the twenty-second day of December, in the year one thousand eight hundred and seventy-seven, between the DEPARTMENT OF PUBLIC PARKS OF THE CITY OF NEW YORK, the party of the first part, and the AMERICAN MUSEUM OF NATURAL HISTORY, party of the second part, witnesseth :

Whereas, by an Act of the Legislature of the State of New York, passed April 22d, 1876, entitled "An Act in relation to the powers and duties of the Board of Commissioners of the Department of Public Parks, in connection with the American Museum of Natural History, and the Metropolitan Museum of Art," the said party of the first part is authorized and directed to enter into a contract with the said party of the second part, for the occupation by it of the buildings erected or to be erected on that portion of the Central Park in the City of New York, known as Manhattan Square, and for transferring thereto and establishing and maintaining therein its museum, library and collections, and carrying out the objects and purposes of said party of the second part; and

Whereas, a building contemplated by said act has now been erected and nearly completed and equipped in a manner suitable for the purposes of said Museum, as provided in the first section of the Act of May 15, 1875, known as Chapter 351, of the Laws of 1875, for the purpose of establishing and maintaining therein the said Museum, as provided by the said last-named act, and by

the Act of April 5, 1871, known as Chapter 290, of the Laws of 1871; and,

Whereas, it is desired as well by the said party of the first part, as by the said party of the second part, that, immediately upon the completion and equipment of said building, the said party of the second part should be established therein, and should transfer thereto its Museum, Library and Collections, and carry out the objects and purposes of the said party of the second part.

Now, therefore, it is agreed by and between the said parties as follows, namely :

First.—That the said party of the first part has granted and demised and let, and doth, by these presents, grant, demise and let, unto the said party of the second part, the said buildings and the appurtenances thereunto belonging, to have and to hold the same so long as the said party of the second part shall continue to carry out the objects and purposes defined in its charter; or such other objects and purposes as by any future amendment of said charter may be authorized; and shall faithfully keep, perform, and observe the covenants and conditions herein contained on its part to be kept, performed and observed, or until the said building shall be surrendered by the said party of the second part, as hereinafter provided.

Secondly.—That neither the party of the first part, its successor or successors, nor the Mayor, Aldermen and Commonalty of the City of New York, shall be in any manner chargeable or liable for the preservation of the said building or the property of the party of the second part which may be placed therein, against fire, or for any damage or injury that may be caused by fire to the said property; but it is agreed that, damages as aforesaid excepted, the said party of the first part will keep said building, from time to time, in repair.

Thirdly.—That as soon after the completion and equipment of said building as practicable, said party of the second part shall transfer to, and place and arrange in, said building, its museum, library and collections, or such portion thereof as can be properly displayed to the public therein, and shall have and enjoy the

exclusive use of the whole of said building, subject to the provisions herein contained, and the rules and regulations herein prescribed, during the continuance of the term hereby granted, or until a surrender thereof, as herein provided.

Fourthly.—That the exhibition halls of said building shall, on Wednesday, Thursday, Friday and Saturday of each week, and on all legal or public holidays, except Sundays, be kept open and accessible to the public, free of charge, from nine o'clock A.M. until half an hour before sunset, under such rules and regulations as the party of the second part shall, from time to time prescribe; but on the remaining days of the week the same shall be only open for exhibition to such persons, upon such terms as the said party of the second part shall from time to time direct. But all professors and teachers of the public schools of the City of New York, or other institutions of learning in said city, in which instruction is given free of charge, shall be admitted to all the advantages afforded by the said party of the second part, through its Museum, Library, apparatus, and collections, or otherwise, for study, research and investigation, free of any charge therefor, and to the same extent and on the same terms and conditions as any other persons are admitted to such advantages, as aforesaid.

Fifthly.—That the Museum, Library and collections, and all other property of the said party of the second part, which shall or may be placed in said building, shall continue to be and remain absolutely the property of said party of the second part, and neither the said party of the first part nor the said the Mayor, Aldermen and Commonalty, shall by reason of said property being placed in said building, or continuing therein, have any right, title, property or interest therein; nor shall the said party of the second part, by reason of its occupation and use of said building under this agreement, acquire, or be deemed to have any right, title, property or interest in said building, except so far as expressly granted by this agreement.

Sixthly.—That the said party of the second part shall, on or before the first day of May, in every year, during the continuance of this agreement, submit to the said party of the first part, its successor or successors, a detailed printed report of the operations

and transactions of the said party of the second part, and all its receipts and payments, for the year ending with the 31st day of December next preceding.

Seventhly.—That said party of the first part shall have, at all times, access to every part of said building for general visitation and supervision, and also for the purpose of the performance of the duties devolved upon it by the laws of the State of New York, or of the City of New York. That the police powers and supervision of said party of the first part shall extend in, through and about said building. That the said party of the second part may appoint, direct, control and remove all persons employed within said building, and in and about the care of said building, and the museum, library and collections therein contained.

Eighthly.—That said party of the second part may, at any time, after the expiration of three, and before the expiration of six months from the date of the service of a notice in writing to said party of the first part, its successor or successors, or to the Mayor of the City of New York, of its intention so to do, quit and surrender the said premises and remove all its property therefrom; and upon and after such notice, the said party of the second part shall and will, at the expiration of the said six months, quietly and peaceably yield up and surrender unto the said party of the first part and its successors all and singular the aforesaid demised premises. And it is expressly understood and agreed by and between the parties hereto that if the said party of the second part shall omit to do, perform, fulfill or keep any or either of the covenants, articles, clauses and agreements, matters and things herein contained, which on its part are to be done, performed, fulfilled or kept, according to the true intent and meaning of these presents, then and from thenceforth this grant and demise shall be utterly null and void. And in such case it shall and may be lawful for said Department to serve or cause to be served on the said party of the second part a notice in writing declaring that the said grant hereinbefore made has become utterly null and void, and thereupon the said party of the first part, its successor or successors (ninety days' time being first given to the said party of the second part to remove its property therefrom), may reënter,

and shall again have, repossess and enjoy the premises aforementioned, the same as in their first and former estate, and in like manner as though these presents had never been made, without let or hindrance of the said party of the second part, anything herein contained to the contrary notwithstanding.

Ninthly.—And it is further expressly understood and agreed, by and between the parties hereto, that this agreement may be wholly cancelled and annulled, or, from time to time, altered, or modified, as may be agreed, in writing, between the said parties, or their successors, anything herein contained to the contrary in anywise notwithstanding.

In witness whereof, the party of the first part hath caused this agreement to be executed by their President and Secretary, pursuant to a resolution of the Board of Commissioners of said Department, adopted at a meeting held on the thirtieth day of January, in the year of our Lord one thousand eight hundred and seventy-eight; and the said party of the second part hath caused the same to be executed by their President, and their official seal affixed thereto, pursuant to a resolution of the Trustees of the American Museum of Natural History, adopted at a meeting held on the twelfth day of February, in the year of our Lord one thousand eight hundred and seventy-seven.

In presence of

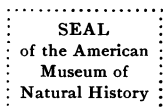
D. PORTER LORD.

JAMES F. WENMAN,

*President Department of Public Parks
of the City of New York.*

WILLIAM IRWIN,

*Secretary Department of Public Parks
of the City of New York.*



ROBERT L. STUART,

President American Museum of Natural History.

STATE OF NEW YORK, }
City and County of New York, } ss. :

On this 12th day of February, in the year 1878, before me personally came James F. Wenman, President of the Department of Public Parks of the City of New York, and William Irwin, Secretary of the said Department of Public Parks, with both of whom I am personally acquainted, and both of whom being by me duly sworn, said that they reside in the City and County of New York ; that the said James F. Wenman is the President, and the said William Irwin is the Secretary of the said Department of Public Parks, and that they signed their names to the foregoing agreement by order of the Board of Commissioners of the said Department of Public Parks, as such President and Secretary.

W. C. BESSON,

[SEAL.]

(73) *Notary Public N. Y. Co.*

STATE OF NEW YORK, }
City and County of New York, } ss. :

On this 12th day of February, in the year 1878, before me personally came Robert L. Stuart, the President of the American Museum of Natural History, with whom I am personally acquainted, who being by me duly sworn, said that he resides in the City and County of New York, that he is the President of the American Museum of Natural History, and that he knows the corporate seal of said museum, that the seal affixed to the foregoing agreement is such corporate seal, that it is affixed thereto by order of the Board of Trustees of said American Museum of Natural History, and that he signed his name thereto by the like order, as President of said Museum.

W. C. BESSON,

[SEAL.]

(73) *Notary Public N. Y. Co.*

Recorded in the office of the Register of the City and County of New York in Liber 1426 of Cons., page 402, February 16, A. D. 1878, at 9 o'clock A.M., and examined.

Witness my hand and official seal,

FREDERICK W. LOEW,

[SEAL.]

Register.

NOTE.—July 25, 1892, by consent of the Trustees, section fourth was modified to enable the Trustees to open the Museum free to the public "throughout the year, excepting Mondays, but including Sunday afternoons and two evenings of each week."

June 29, 1893, by consent of the Trustees, section fourth was modified to enable the Trustees to open the Museum free of charge to the public "throughout the year for five days in each week, one of which shall be Sunday afternoon, and also two evenings of each week."

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.

Nine Trustees 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 PHOENIX.*
 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.
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 WM. BUTLER DUNCAN.
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 MANDEVILLE MOWER.
 PERCY MUSGRAVE.

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 H. VICTOR NEWCOMB.
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 WILLIAM NIVEN.
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Abegg, J. H.	Barnes, John S.	Bogert, Henry A.
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- Kingman, Abel Willard
 Kinnicutt, Dr. F. P.
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 Kraus, William
 Kuttroff, Adolf

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 Lange, J. D.
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 Miller, Geo. Macculloch
 Miller, Warner
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 Mitchell, John J.
 Mitchill, Mrs. S. L.
 Moir, James

 Moller, Peter, Jr.
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 Moore, W. H. H.
 Morgan, George H.
 Morris, Henry Lewis
 Morrison, Edward
 Morrison, George A.
 Moss, John H.
 Munro, George

 Navarro, Juan N.
 Nathan, Miss Agnes C.
 Nelson, Wm.
 Nisbet, William F.
 Nott, Frederick J.

 O'Donohue, Joseph J.
 Ogilvie, James H.
 Olcott, F. P.
 Olmstead, Dwight H.
 Olyphant, R. M.
 Olyphant, Robert
 Oppenheimer, Dr. H. S.
 Owen, Mrs. Thomas J.
 Owens, Wm. W.

 Packard, S. S.
 Paddock, Eugene H.
 Palmer, N. F.
 Palmer, S. S.
 Park, Joseph
 Parrish, James C.
 Parsell, Henry V.
 Parsons, Mrs. Edwin
 Parsons, Joseph H.
 Parsons, W. H.
 Patterson, Edward
 Peabody, Arthur J.
 Pell, Frederick A.
 Pell, John H.
 Pellew, Henry E.
 Penfold, Wm. Hall
 Pentz, Frank R.
 Perry, William A.
 Peters, Samuel T.
 Peters, W. R.

- Pettus, James T.
 Peyser, Frederick M.
 Phillips, Guy
 Pike, Mrs. Gardiner
 Pinkus, F. S.
 Platt, John R.
 Plyer, Charles W.
 Pool, Frank J.
 Potter, Howard
 Powel, de Veaux
 Powell, Wilson M.
 Pray, Joseph M.
 Purdy, Wm. Macneven
 Putnam, George L.
 Putnam, Samuel W.
 Putney, W. B.

 Quinlan, William J., Jr.

 Ranger, Louis
 Raymond, Charles H.
 Renwick, Edward S.
 Reynolds, David I.
 Rhinelander, Chas. E.
 Rhoades, J. Harsen
 Richard, Auguste
 Riker, John L.
 Riker, Samuel
 Riker, Wm. J.
 Robbins, Rowland A.
 Robbins, S. Howland
 Roberts, Miss Mary M.
 Rogers, Henry H.
 Rolston, Rosewell G.
 Roosevelt, Charles H.
 Root, Elihu
 Rothschild, J.
 Rothschild, V. Henry
 Rowell, George P.
 Rowland, George
 Rutter, Thomas

 Sage, Russell
 Saltonstall, Francis G.
 Saltus, J. Sanford

 Sampson, Henry
 Sands, Andrew H.
 Sands, Daniel C.
 Sayre, Lewis A., M.D.
 Schaefer, Edward C.
 Schaeffer, Hermann
 Schafer, Samuel N.
 Schafer, Simon
 Schastey, George A.
 Schefer, Carl
 Scheitlin, Edward
 Schley, Dr. J. M.
 Schmid, Mrs. August
 Scholle, Jacob
 Schultz, Carl H.
 Schultze, John S.
 Schuyler, S. D.
 Schwab, Hermann C.
 Scott, George S.
 Scribner, Mrs. J. Blair
 Scudder, Hewlett
 Seabury, G. Thurston
 See, Mrs. Horace
 Seligman, David J.
 Seligman, Isaac N.
 Sellew, T. G.
 Sennett, George B.
 Seton, William
 Sharp, W. W.
 Sherman, Charles A.
 Shethar, Samuel
 Sidenberg, Gustavus
 Sill, Charles
 Simpson, John Boulton
 Sinclair, John
 Skidmore, William L.
 Sloan, Samuel
 Sloan, William S.
 Smith, Adon
 Smith, Charles S.
 Smith, Geo. W.
 Smith, James Rufus
 Smith, John Jewell
 Smith, Rev. Cornelius B.
 Smith, Nathaniel S.
 Smith, William Alex.

 Smith, W. Wheeler
 Smyth, Philip A.
 Snow, Elbridge G., Jr.
 Soosmith, Charles
 Spencer, Charles H.
 Spencer, James C.
 Stachelberg, Mrs. M.
 Stanton, John
 Stanton, J. R.
 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.
 Stickney, J.
 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.
 Sturges, Henry C.
 Sutherland, John L.
 Sutton, Woodruff

 Taber, John R.
 Tailer, Edward N.
 Taintor, C. M.
 Taintor, Charles N.
 Takayanagi, Tozo
 Talcott, James
 Talmadge, Henry
 Taylor, Mrs. Aug. C.
 Taylor, George
 Taylor, Stevenson
 Tefft, F. Griswold

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|------------------------|-------------------------|------------------------|
| Tefft, Wm. E. | Van Pelt, G. S. | Wheelock, Wm. A. |
| Thomas, T. G., M.D. | Van Slyck, W. H. | Whipple, L. Edmund |
| Thompson, John C. | Van Vleck, Joseph | White, Horace |
| Thompson, W. Prall | Van Wickle, A. S. | Whitehead, Charles E. |
| Thorn, Mrs. William K. | Van Winkle, Edgar B. | Whitely, James |
| Tiemann, Mrs. Peter C. | Van Winkle, Miss E. S. | Whitney, Alfred R. |
| Tierney, Myles | Vandervoort, W. L. | Wicke, William |
| Tiffany, Louis C. | Veit, Richard C. | Wickes, Edward A. |
| Tilford, Charles E. | Voorhis, Wm. W. L. | Wickham, Delos O. |
| Tillinghast, W. H. | | Wiebusch, Chas. F. |
| Titus, E., Jr. | Wales, Salem H. | Williams, George G. |
| Toel, William | Walker, William I. | Wills, Charles T. |
| Tonnelé, John L. | Wallace, Lewis | Wilmurt, Thos. A., Jr. |
| Toothé, William | Wallach, Antony | Wilson, George |
| Toplitz, L. | Ward, Lebbeus B. | Wilson, John |
| Toucey, J. M. | Ward, Mrs. Thomas | Wilson, Washington |
| Townsend, R. H. L. | Wardwell, Wm. T. | Wing, John D. |
| Townsend, R. W. | Warner, Lucien C. | Witherbee, Frank S. |
| Tracy, J. Evarts | Waterbury, John I. | Wood, Mrs. Henry R. |
| Trevor, H. G. | Watson, Miss Emily A. | Woodward, F. F. |
| Trevor, Mrs. John B. | Watson, Walter | Worthen, W. E. |
| Troescher, A. F. | Weatherbee, Mrs. E. H. | Wray, Miss Cornelia S. |
| Turnure, Lawrence | Webb, W. H. | Wright, Benjamin |
| Tuttle, Nathaniel | Weed, Benjamin | Wurzbarger, A. |
| Twombly, H. McK. | Weed, Geo. E. | |
| Twombly, Horatio N. | Weekes, John A. | Youmans, Daniel D. |
| | Wehrhane, Chas. | Young, Edward L. |
| Ullmann, E. S. | Weissman, L. | |
| | Welch, Peter A. | |
| Valentine, Mrs. Lawson | Westcott, Robert E. | Zabriskie, Andrew C. |
| Van Brunt, Cornelius | Wetherbee, Chas. L. | Zickel, S. |
| Van Brunt, Hon. C. H. | Wetmore, Dr. John McE | Zinsser, Aug. |
| Van Ingen, Edward H. | Wheelock, Dr. W. E. | Zollikoffer, O. F. |
| Van Norden, Warner | Wheelock, Geo. G., M.D. | |

DECEASED ANNUAL MEMBERS,

1895.

Camp, Hugh N.	Lawrence, George N.	Powell, William R.
Camp, W. A.	Lee, William H.	Powers, George W.
Gautier, J. H.	Leshner, Stephen R.	Remsen, William
Gunther, F. Frederick	Low, Josiah O.	Rütten, August
Inslee, Samuel	Lowry, John	Shea, George
Kissam, Philip	Newton, Henry J.	
Lamborn, R. H., Ph.D.	Peters, George A., M.D.	

