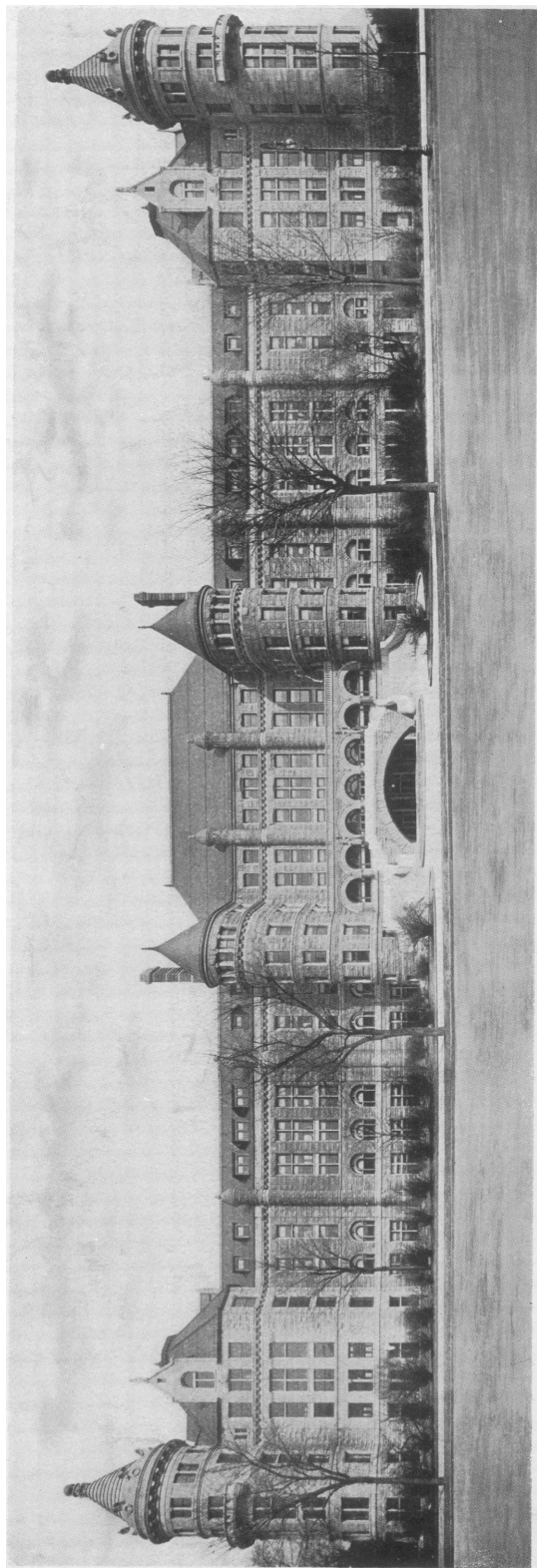


THE
AMERICAN MUSEUM OF NATURAL HISTORY.



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HISTORY,

CENTRAL PARK, NEW YORK CITY,
Seventy-seventh Street and Eighth Avenue.

ANNUAL REPORT OF THE PRESIDENT,
TREASURER'S REPORT, LIST OF ACCESSIONS,
ACT OF INCORPORATION, CONSTITUTION,
BY-LAWS AND LIST OF MEMBERS
FOR THE YEAR 1902.



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

THIRTY-FOURTH ANNUAL REPORT.

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

I take pleasure in submitting herewith a statement of the affairs of the Museum for the year 1902.

FINANCES.—The Treasurer's Report, given on pages 32 to 39 inclusive, presents in detail the receipts and disbursements as they appear in the several accounts.

MAINTENANCE.—By the timely increase on the part of the City of its annual appropriation for maintenance (from \$135,000 to \$160,000), the Museum has completed its year's work without calling upon the Trustees for additional funds. Moreover, the City has authorized the construction of a new power and heating station and appropriated \$200,000 therefor, and our relations with the various municipal authorities have been most satisfactory. Heretofore it has been necessary to borrow money at the beginning of each year to pay the current expenses for maintenance, pending the refunding of such sums by the City, a condition which has involved a charge for interest on loans and occasional overdrafts. At the last annual meeting of the Board, one of its members very generously gave \$15,000 to be used as capital to meet the current bills, pending their repayment by the City, the only condition of the gift being that the Treasurer's report should show a credit balance of \$15,000 at the close of each year. The terms of this gift have been fully complied with.

ENDOWMENT.—At the annual meeting of the Board of Trustees held in January, 1902, expenditures from the General and Maintenance funds were authorized, to the aggregate amount of \$210,260, involving a deficit of \$19,560. The report of the Treasurer shows that the Museum has not drawn upon this deficit, and this is the second year that the limit of the authorization of the Trustees has not been reached. Our invested funds, however, have not been materially increased, and in the absence of any large income, we have been obliged to depend upon the liberality of friends for the development of our collections; and this will of necessity continue until our endowment is largely increased.

In conformity with the recommendation of the Finance Committee, the financial transactions of the Museum are now divided into three separate accounts.

First.—City Maintenance Account, covering the receipts and disbursements of the moneys received from the City.

Second.—General Account, including the receipts and disbursements of the income from invested funds, membership and admission fees, State Superintendent of Public Instruction and contributions (not for specific purposes) received from the Trustees and others.

Third.—Endowment and Investment Account, including the receipts, investments and disbursements of moneys received from bequests, and contributions for specific purposes, such as the support of expeditions, the preparation and publication of scientific papers, the purchase of specific collections, etc. The funds received from bequests and the interest thereon are invested in securities for the Permanent Endowment.

SPECIAL FUNDS.—Special funds, such as those for the support of Eastern Asiatic Research and for the Andrew J. Stone Expedition, are kept apart, the Assistant Treasurer acting as Treasurer of the same by request of the Trustees. Separate

reports of such funds are rendered to the Trustees, and the accounts are examined by the Auditor.

BEQUESTS.—The moneys received from the bequests of Mr. Oswald Ottendorfer, Mr. Henry Villard and Mr. Joel Goldenberg, deceased, were transferred to the Endowment and Investment Account, and used for the purchase of bonds for the Permanent Endowment.

By the will of the late Samuel D. Babcock, a former member of the Museum, the Trustees will receive \$5,000.

MEMBERSHIP.—The names of 123 new annual members have been enrolled; the loss by death or resignation was 58, leaving a gain of 65.

Mr. Edward M. Shepard and the Very Rev. Eugene A. Hoffman, D.D., LL.D., were elected Patrons, and the following named persons were elected Life Members: Miss Annie Stone, Miss Catherine A. Bliss, Miss Fannie Ellen Wright, Dr. Fred. Lange and Messrs. Fordham Morris, John I. Waterbury, James F. O'Shaughnessy, E. J. de Coppet, Zenas Crane, Samuel P. Avery, Jr., Charles W. McAlpin, Alan C. Harris, William L. Conyngham, James J. Higginson, Milton Robbins, Jacob Mahler, William Demuth and C. Lincoln Free.

I wish to report officially the loss by resignation of Messrs. Elbridge T. Gerry and D. Willis James, long associated with the Museum as members of the Board of Trustees.

It is with regret that I mention the decease of the following: Heber R. Bishop, a Patron and formerly a Trustee; Mrs. William H. Osborn, a Patron; the Very Rev. Eugene A. Hoffman, D.D., LL.D., a generous giver; Gen. Egbert L. Viele, U. S. A., and Henry G. Marquand, Fellows; C. M. Bell, M. D., Thomas C. Bushnell, William L. Flanagan, John T. Metcalfe, M. D., and Hugh O'Neil, Life Members.

TRANSPORTATION.—The territory covered by our field workers has broadened with each successive year, and the cost of transportation of the men and of the material collected would be a serious item of the expense of these expeditions were it not for the cordial and generous assistance accorded

by the various railroad companies. In this relation, I desire to acknowledge our indebtedness to the following corporations:

The Southern Pacific Co.
 Union Pacific Railroad.
 Oregon Short Line.
 Mexican International.
 Mexican National and Mexican Central Railroads.
 Pennsylvania Railroad System.
 Erie Railroad.
 Wabash Railroad.
 Missouri Pacific Railway.
 Denver & Rio Grande Railway.
 Northern Pacific Railway.
 Great Northern Railway.
 Chicago, Milwaukee & St. Paul Railway.
 Chicago & Northwestern Railway.
 Burlington & Missouri River Railroad.
 Southern Railway.
 Fort Worth & Denver City Railway.
 Colorado Southern Railway.
 Atchison, Topeka & Santa Fé Railway System.
 Canadian Pacific Railway.

ATTENDANCE.—The use of the collections by pupils and teachers has increased. We find that 5,000 pupils and 317 teachers (a greater number than ever before) visited the Museum for the purpose of studying the collections. The total number of visitors for the year was approximately 460,000.

The attendance on lectures to the public on holidays was 3,290; Lectures to Teachers, Spring Course, 7,232, Autumn Course, 7,420; Lectures to Members, Spring Course, 4,804, Autumn Course, 3,997.

The following scientific societies have held meetings at the Museum:

The New York Academy of Sciences.
 (Astronomy, Physics and Chemistry; Biology; Geology and Mineralogy; Anthropology and Psychology.)
 The Linnæan Society of New York.
 The New York Entomological Society.
 The New York Mineralogical Club.
 Audubon Society.

In October, 1902, the International Congress of Americanists held its thirteenth annual session at the Museum. This is the first time that the Congress has met in this country.

The subjects discussed at the meetings of the International Congress of Americanists related to: I. The Native Races of America: their Origin, Distribution, History, Physical Characteristics, Languages, Inventions, Customs and Religions; II. The History of the Early Contact between America and the Old World.

To make the preliminary arrangements for the Congress and the discussions pertaining to the foregoing topics, a special committee was appointed, consisting of the heads of the departments of Anthropology, and your President invited the American Association for the Advancement of Science through its section of Anthropology to advise and coöperate with that committee in selecting a general commission of organization, representative of the leading institutions in the United States at which work in Anthropology is being done.

DEPARTMENT OF GEOLOGY AND INVERTEBRATE PALÆONTOLOGY.—The Curator's time has been spent in the regular routine work of the Department; indeed, we feel more and more the responsibility connected with the general supervision of the large collections intrusted to our care.

The work of revising the classification strips has been completed, and the labeling and identification of the Tertiary and later collections undertaken. Certain other, unlabeled, collections and a collection of casts of important fossils, donated by the Curator, have been installed.

Among the Tertiary collections, those of Miocene fossils from Patagonia, Tierra del Fuego, and vicinity, are the most important. During the summer, these collections were all worked over, put in order and prepared for exhibition. The collections are extremely interesting and valuable, quite as much because of their peculiar faunal properties as for their geographical location.

The total number of labels added to the collection during the year was 1,969.

Dr. Hay, of the Department of Vertebrate Palæontology, has worked over all the fossils, fishes and fish remains of the chronological collection. These will be included in a catalogue of fossil fish which he is compiling for publication. He has found many new and unidentified forms among the Syrian fish, upon which he is preparing an article. The palæontological department has received many valuable accessions by purchase, and one donation is worthy of special note, that is, eight specimens of Cambrian Trilobite from Professor George H. Perking of the University of Vermont.

The Department is also under obligations to Dr. Bashford Dean for his supervision of work on the restoration of *Dinichthys*.

Two articles were published by the Curator, one on a new form of marine Algæ, fossil in the Niagara shale, and one on a new Trilobite from the Marcellus shale, the latter credited to Professor C. H. Hitchcock, who subsequently presented the specimen to the Museum.

At the arrival of the news of the disaster in Martinique, Dr. Hovey, the Associate Curator of the Department, was immediately detailed by the President to investigate the causes of the eruptions, and in May, 1902, he sailed from New York on his first expedition to Martinique and St. Vincent. His efficient field work, quick inductions and prompt publication have not only placed the name of the Museum among the leading contributors to seismology, but his rational treatment of volcanic phenomena in general, and the eruptions of Mt. Pelé in particular, have received most favorable notice throughout the scientific press. The results of his investigations have been set forth in his paper, which has already appeared in the Bulletin.

DEPARTMENT OF MAMMALOGY AND ORNITHOLOGY.—The Curator reports that the additions to the collections of mammals have exceeded in number and importance those of any previous year; 2,121 specimens have been added to the series of mammals. The specimens purchased consist mainly of a collection, made for the Museum by Mr. J. H.

Batty in the state of Chiriqui, Colombia, numbering 254 specimens; a collection of 78 small mammals from Costa Rica, made for the Museum by Mr. J. H. Carriker, Jr.; a collection of bats numbering 95 specimens, collected in the Bahamas and Cuba by Mr. S. H. Hamilton, and an important collection of arctic mammals made for the Museum by Capt. George Comer, in the region about Repulse Bay, Hudson Bay, including skeletons and skulls of musk-oxen, a large series of barren ground caribou, skins and skeletons of the bearded seal, etc.

The specimens obtained by the Andrew J. Stone Expedition form a most important addition to the North American collection of mammals. It comprises some fifty large, and about one thousand small mammals, among which are many species new to the Museum.

The gift from the Peary Arctic Club of about one hundred mammals collected by Commander Peary on his last arctic expedition, is especially noteworthy. It includes skins of caribou, musk-oxen, walrus, seals and polar bears, and many skulls of walrus and seals. The Museum is now doubtless by far the richest in the world in mammals from arctic America.

Donations of specimens in the flesh have been received from the New York Zoölogical Society and the Central Park Menagerie, including many important types. Special mention should be made of the gift from Messrs. Charles D. Cleveland and Marshall Maclean, of New York, of a fine series of Newfoundland caribou.

Mrs. Hannah H. Corbin has presented two mounted specimens of wild boar, and Mr. L. S. Thompson has given a remarkably large mounted head of the Alaska moose, and two mounted Rocky Mountain sheep. We are indebted to Mr. William F. Whitehouse, Jr., for a mounted specimen of the rare Abyssinian duyker antelope, a gift, and mounted heads of the African elephant and two-horned rhinoceros, placed in the Museum on loan.

The recent accessions of mammals and birds have been catalogued to date, and labeled with field data, but not all have been identified.

During the year 1902, 14 papers on mammals and birds have been published in the Museum Bulletin, and a guide leaflet on North American Ruminants has been issued.

Besides the scientific use of the material of this department by the Curator and by naturalists visiting the Museum, much material has been loaned to specialists and institutions in other cities, for which due credit is given in their publications, and similar courtesies are received from them in return for our loans. Specimens are made use of by artists at the Museum, to whom facilities are offered.

The Museum has had collectors in the West Indies, Costa Rica, northern Colombia, and in the Repulse Bay region of northeastern arctic America. Mr. Klages has continued his work in Venezuela. Mr. Chapman, the Associate Curator, has made trips, in the interest of the Museum, to the coast of Virginia and to the Bahamas, which were highly successful in securing material for special bird groups, etc.

The only expedition sent out exclusively for work in this department is the Andrew J. Stone Expedition, of which mention has been made in earlier reports. In 1902, Mr. Stone made a trip to the western end of the Alaska Peninsula to obtain accessories for the Grant Caribou group, specimens for which were collected in 1901.

New groups of birds have been given to the Museum by Mr. Cadwalader, as follows: "The Fish Hawk," "The Ptarmigan," "The Black Rail."

Dr. Bashford Dean, of Columbia University, has made it possible for the Department to come into possession of several long-tailed fowl from Japan. These will make valuable additions to our collections illustrating the results of artificial selection.

VERTEBRATE PALÆONTOLOGY.—Progress has been made in rearranging the collections so as to make them more intelligible to the public. New specimens of interest have been placed in the centre of the hall, and attention is called to them by explanatory labels, diagrams and models.



CENTRAL PORTION OF THE GROUP OF BEACH-BREEDING BIRDS OF COBB'S ISLAND

Valuable exchange collections have been received from the British Museum, and the Museums of Moscow, Bucharest, Tübingen and Buenos Aires. The mounting of new material has continued under Mr. Hermann.

Five expeditions have been maintained in the field: in Montana, Colorado, Wyoming and South Dakota. The most notable additions to the collections by these expeditions are a complete skeleton of an Upper Miocene Three-toed Horse, a fine skull and jaws of the horned Dinosaur Triceratops (skull between seven and eight feet long) and three complete skeletons of a rare Cretaceous Reptile, Champsosaurus.

The establishment of a fund by a member of the Board of Trustees, Mr. William C. Whitney, for providing material to illustrate the origin and development of the horse, has produced immediate results of the highest importance, and stimulated the work in many cognate lines.

The purchase of the Cope Collections has been effected, and all this material is now the property of the Museum. The collections include fossil reptiles, amphibians and fishes, presented by your President, and the Pampean Collection of fossil mammals of South America, presented by a number of the Trustees of the Museum. The great value of these collections has been noted in former reports. They contain a large number of complete or nearly complete skeletons of rare fossil species, among which the Sabre-Tooth Tiger, the Carnivorous Dinosaur, Duck-billed Dinosaur, and Amphibious Dinosaur, are now being prepared for exhibition.

DEPARTMENT OF ANTHROPOLOGY.—In order to have the halls in readiness for the meeting of the International Congress of Americanists, every effort was made by the officers and assistants of this department to arrange and label the collections. The collections were studied with interest by the members of the Congress during the week of the meetings, and many remarks were made upon their scientific importance and value.

During the year a number of collections not before exhibited have been installed, notably the Hyde collections from the ancient cliff-houses, burial-caves and ruined pueblos of Colorado, Utah and New Mexico.

Only a portion of the interesting and important material obtained from this expedition as the gift of Messrs. B. T. B. Hyde and F. E. Hyde, Jr., is on exhibition. It is to the Messrs. Hyde that we are also indebted for the publication of the volume of the Memoirs containing the Navajo ceremony of the Night Chant, written by Dr. Washington Matthews, a work of exceeding importance. Mr. B. T. B. Hyde has purchased the important library of the late Mr. Andrew E. Douglass, and it is now arranged in the office room of the expedition.

Among the new exhibits installed during the year is the special exhibit of a portion of the material obtained by Mr. Volk during the researches in the Delaware Valley which have been carried on under the direction of Professor Putnam for over twenty years. The expenses of the research for the past five years have been met by Dr. F. E. Hyde of the Board of Trustees. The exhibit is in a case in the west corner hall of the second floor. It seems to show conclusively that man was in the valley of the Delaware at the time that certain of the glacial deposits, and those immediately following, were made. The discoveries of human remains and implements are illustrated by photographs and diagrams.

The general North American archæological collection, which was in storage for several years, has been arranged by Mr. Smith, who has supplemented the exhibits by descriptive labels, maps and drawings. He has also placed considerable printed and typewritten information with a number of the collections, and in various ways has made them especially instructive.

Some of the archæological collections from New York, obtained largely through Mr. Harrington's explorations, have been arranged.

The Bandelier, Garces, Gaffron and Squier collections have been re-arranged. A large and important collection from Brazil, received in November from the Duke of Loubat, will soon be installed.

In the ethnological section the re-arrangement and installation of collections has gone on as rapidly as possible, and an exceptionally large amount of installation has been completed. The arrangement of the north hall was completed in its main features. Early in the year the north side of the west hall, second floor, was cased, and the Chinese collections made by Dr. Laufer under a grant given by Mr. Jacob H. Schiff were exhibited temporarily. In the spring, work was begun on the installation of the Siberian collections of the Jesup North Pacific Expedition. The whole west corner hall was set aside for the collections from Siberia. The arrangement of the Chukchee collections and of the Koryak collections made by Mr. Bogoras has been completed.

The Jesup North Pacific Expedition.—The work of the Jesup North Pacific Expedition has progressed satisfactorily. During the past year, collections have been received from Mr. George Hunt, Mr. Waldemar Bogoras and Mr. Waldemar Jochelson. With the return of Messrs. Bogoras and Jochelson, the Siberian part of the expedition has been closed. The results are most gratifying.

The aim of the expedition to collect very full information on all the tribes of the North Pacific coast has in the main been accomplished, and it now remains to study the relationship of these tribes by a detailed comparison of the material collected. The whole district from Columbia River in America, westward to the Lena in Siberia, has been covered fairly exhaustively; and it is already evident that the relationship between Asia and America is much closer than had hitherto been supposed. In fact, a comparison of the customs and traditions of certain of the peoples of northeastern Asia and northwestern America indicates that in culture at least they must be regarded as one group,—a conclusion of great significance for the wider problem of the origin and development of the civilizations of the two continents. A number of special questions have resulted from these studies, to which it is desirable to give further attention. They are particularly an investigation of the Salish tribes of Puget Sound, of the

Nootka of the west coast of Vancouver Island, and of the Eskimo of Kotzebue Sound.

The Huntington California Expedition was continued by Mr. Dixon, and, with the co-operation of the University of California, by Mr. Kroeber. We have received additional material from the Maidu and Shasta and a collection from the Yurok on the Lower Klamath River.

North American Research.—Professor Livingston Farrand continued the researches among the Sahaptin which were commenced two years ago. We have obtained from him a collection illustrating the life of the Nez Percés.

Dr. Clark Wissler commenced investigations on the decorative art of the Sioux, which have given very gratifying results in the way of information and collections.

The agreement with the Bureau of American Ethnology entered into in 1901 was continued during the present year. In pursuance of this agreement, Mr. William Jones continued his work among the Sauk and Fox, whose language and ethnology he studied, making at the same time collections for the Museum.

Mr. H. H. St. Clair, 2d, continued his work among the Shoshone tribes. His linguistic work was also provided for by the Bureau of Ethnology, while the ethnological work was provided for by the Museum. He sent an interesting collection of Comanche material.

Mr. John W. Chapman, who lives as a missionary among the Athapascan Indians of the Yukon region, has undertaken to study this tribe, and to make a collection illustrating their mode of life.

Two years ago Captain George Comer and Captain James S. Mutch, who command whaling-stations in Hudson Bay and Cumberland Gulf respectively, were authorized by the Museum to make ethnological collections in the districts visited by them. The results of their work have been very gratifying, and have added materially to the value of the Eskimo collections of the Museum.

Expedition to China.—The East Asiatic work provided for by Mr. Jacob H. Schiff, and carried on by Dr. Berthold Laufer, has been continued during the past year. Early in the year, Dr. Laufer moved to Peking, where he collected much material relating to the daily life of the people, and at the same time made ethnological and historical studies which promise important scientific results.

Hyde Expedition.—Dr. Hrdlička made two expeditions to the region of the Southwest and to northern Mexico during the year, both under the patronage of the Messrs. Hyde, and the material obtained is their gift to the Museum. During these expeditions Dr. Hrdlička obtained anthropometric data and many photographs relating to twenty-one tribes in the Southwestern Territories and in northern Mexico. He also secured a large number of skulls and several skeletons from the same region, including the first Yaqui skulls known; also numerous ethnological and archæological specimens, many of special importance in filling gaps in our collections.

Mexican Expedition.—Mr. Saville was absent in the field from December, 1901, until May, 1902, working in the State of Oaxaca, Mexico, with funds given by the Duke of Loubat, and completed the work that he had planned for that part of Mexico. The results throw much light on the burial customs of the ancient Zapotecans, and the collections obtained from the excavation add materially to the importance of our collection in the Museum. A visit was made to Mitla and to ruins in the southern part of the Oaxaca Valley, and also to the Mixteca mountains at Nochistlan. Rare specimens of gold, copper and jadeite secured by the expedition, added to what we already have in the Museum, make this part of our Mexican collections the best in any museum.

From the Duke of Loubat, besides the material obtained from this expedition, we have received a gem collection of great importance from the state of Oaxaca. From Mr. Maler we have received several pieces of Maya pottery from Yucatan and Tabasco; and from Mr. Chavero, a post-Columbian codex of considerable interest.

Local Explorations—Mr. Harrington visited the Shinnecock and Poosapatuck Reservations on Long Island and Staten Island, during June and July, and at Shinnecock Hills he explored an ancient village site,—a series of shell heaps. Trenches were dug, and “ash pits” opened.

Although the number of publications issued during the past year is not large, much progress has been made in the preparation of material.

DEPARTMENT OF MINERALOGY AND CONCHOLOGY.—The headquarters of this department have been removed to the fourth floor, and a room for laboratory work and storage has been provided in the basement.

The labeling of the collection of minerals on exhibition, a thorough arrangement of overflow material, now in drawers under the cases, a selection of a second, very small, group of duplicates, the completion of the explanatory rubrics throughout the cases, and a beginning upon the exhaustive card catalogue, marks the labor of the department.

The gem collection continues to be most popular. One record is given of 1,000 visitors in a day. During the past year five magnificent crusts of amethyst have been added, from Rio Grande do Sul, Brazil, and also a large yellow sapphire, two parti-colored sapphires, an immense star sapphire, and a curious archaic axe of agate, gifts of Mr. J. Pierpont Morgan. Besides these a collection of very attractive series of polished agates has been received. A card catalogue of the gems has been completed, comprising almost 2,000 cards.

A splendid collection of gold and silver coins from the Philadelphia mint, given by Mr. J. Pierpont Morgan, has been placed in the Gem Room.

DEPARTMENT OF INVERTEBRATE ZOÖLOGY.—We regret that the capacity of the building and the limitation of our funds prevent the symmetrical development of all that goes to make up a Museum of Natural History. We not only have large collections that await adequate exhibition space, but there are departments of natural history that thus far have received but little attention. They have not been

forgotten, however, and it is our purpose to so plan our work that all will finally receive proper treatment.

The Department of Invertebrate Zoölogy was established two years ago, and since that time the invertebrate collections of the Museum have been gotten together; new material has been added, and the exhibit in the south-east hall of the ground floor will soon be open to the public.

Professor William Morton Wheeler, at one time Director of the Public Museum at Milwaukee, and a scientist of high standing, will soon take charge of this department.

For a long time we have felt the need of providing exhibits to illustrate in a comparative way the structure of the human body, *i. e.*, collections that will illustrate the resemblances and differences between man and the lower animals, and that will illustrate also the anatomical differences between the various races of man. We should also have material to illustrate the development and the functional activity of the special sense organs. There is a constant demand for such collections on the part of teachers, and we think no one questions their high educational value. Now that Professor Tower, a well-known physiologist, has taken a place on our scientific staff, and Professor Wheeler will soon be with us, it seems expedient to assign temporarily, until proper space can be found elsewhere, the south-west room on the main floor to collections of this nature.

The most important accession of invertebrate animals is a collection of *cœlenterates*. This collection consists of about 200 specimens of West Indian corals, Actinians and Alcyonarians, collected by Dr. Duerden in Jamaica, and includes many co-types of species described by him in various papers.

All the *cœlenterates* have been worked over by Dr. Duerden, and many of the specimens named and mounted with a view to illustrate their general biological characteristics. Arrangements have been made for several additions, including a collection of Beaufort Actinians from Dr. J. J. Hamaker, a collection of Porto Rican corals, identified by T. Wayland Vaughan for the U. S. F. C., and specimens of *cœlenterates* from Woods Hole.

Through the courtesy of Hon. George M. Bowers, of the United States Fish Commission, the Museum has received a collection of 21 duplicate specimens of named Actinians from Porto Rico. Practically all the specimens of these two collections are alcoholic, and make a most valuable addition to our already magnificent collection of West Indian cœlenterates, the greater part of which was obtained by Professor R. P. Whitfield. A collection of invertebrate animals from the Gulf of California has been given to the Museum by the Duke of Loubat.

All the invertebrate material of this department has been thoroughly overhauled, classified, and placed in alcoves in the exhibition hall, and card catalogues of the various groups have been started.

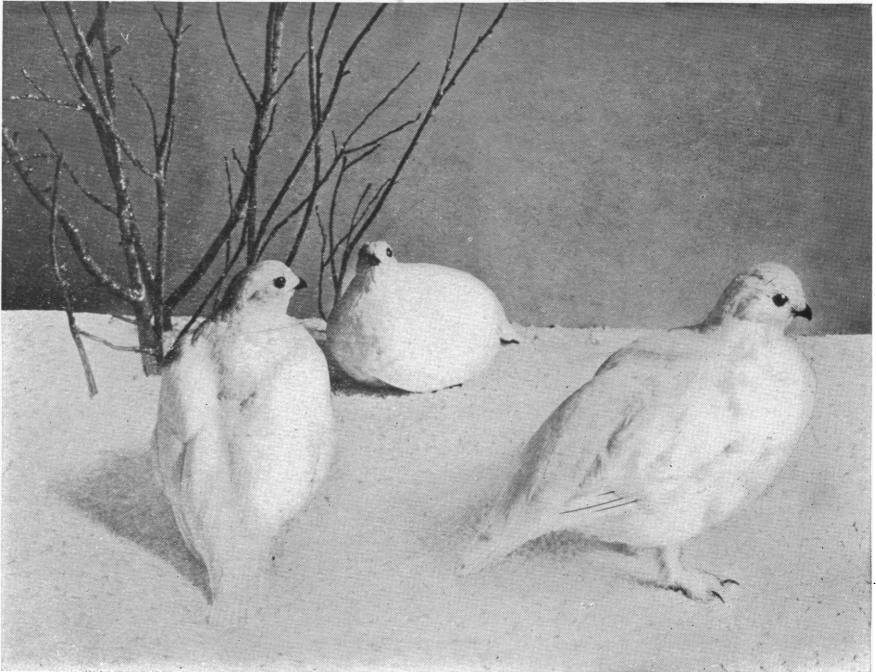
The department has continued to have charge of the Reptiles, Batrachians and Fishes, in addition to the invertebrate animals.

Several interesting and important additions have been made to our collection of fishes. From Hon. George M. Bowers, the department has received specimens (co-types) of a new genus and species of fish, *Mistichthys luzonensis*, from the Philippine Islands, the smallest known vertebrate. Special mention should be made of the donations of Mr. John Hiscox, who has given many specimens which were required in experiments on the preservation of fish. A good nucleus of a collection of common food fishes was secured by Messrs. Sherwood and Figgins, who spent several weeks during the summer at Woods Hole.

The New York Zoölogical Society and the Department of Parks have been the principal donors of reptiles and batrachians.

The following papers have been published during the year: "Boring Algæ as Agents in the Disintegration of Corals," by J. E. Duerden; "The Sequoia: A Historical Review of Biological Science" by George H. Sherwood.

DEPARTMENT OF ENTOMOLOGY.—The Curator of Entomology reports that the Hoffman Collection of Butterflies has been transferred to the new cases. He states that 4,600 specimens of Coleoptera and Lepidoptera were numbered and



SCENES FROM THE PTARMIGAN GROUP

catalogued; 6,000 Coleoptera and 500 Lepidoptera were mounted. The Schauss Collection of Moths was provisionally arranged, and many species of insects identified for collectors and for those asking for the assistance of the department.

The material obtained during a five weeks' visit to the Black Mountains numbers fully 7,000 specimens. The expense of this expedition was defrayed by the Very Reverend Eugene A. Hoffman, D.D., LL.D.

The following publications have been issued by the Department: "The Butterflies of the Vicinity of New York City"; "Descriptive Catalogue of the Noctuidæ found within Fifty Miles of New York City"; "The Earlier Stages of Some Moths"; "Descriptions of some Larvæ of the Genus *Catocala*."

The death of the Very Reverend Eugene A. Hoffman removed a warm friend of the Museum, and a substantial support from the Department of Entomology. Only a few weeks before his decease, he commissioned the Director to visit Reading, Pennsylvania, to examine a large collection of Lepidoptera, and if really worth the price set upon it (\$20,000) to purchase and bring it back to the Museum. The collection was examined, but in view of the price set upon it and the large collections already in our possession, the Director did not encourage its purchase.

LIBRARY.—The development of this department of the Museum has necessitated certain administrative changes. Dr. Woodward has been appointed Curator of Maps and Charts, and Professor Ralph W. Tower, formerly of Brown University, has been appointed Curator of Books and Publications. Professor Tower took office early in December.

As in the past, the library has been in constant use by members of the scientific staff, by scientists, students and others.

Some most valuable additions have been received from Professor H. F. Osborn, the Duke of Loubat, Gen. Egbert L. Viele, Gen. J. Watts de Peyster, Frederick A. Constable, Mrs. M. Schuyler Elliot, Mrs. C. V. Riley, Hon. William Astor Chanler, the New York State Department of Public Instruction, the Indiana State Library, and the Government

of India; and numerous publications have been received in exchange for publications of the Museum.

PUBLICATIONS.—The publication of the scientific results attending the investigations carried on by the Museum has progressed as in the past.

Two numbers of the *Memoirs* have been issued. The first, *The Night Chant*, by Washington Matthews, was prepared and issued through the generosity of Mr. F. E. Hyde, Jr. The second, *Kwakwilt Texts*, by Franz Boas, was issued by the Museum.

The publication of *The American Museum Journal* has continued; nine numbers, and six illustrated leaflet supplements having been issued:

Guide Leaflets.

- "The Hall of Fossil Vertebrates".....W. D. Matthew
- "The Collection of Minerals".....L. P. Gratacap
- "North American Ruminants".....J. A. Allen
- "The Ancient Basket Makers of Southeastern Utah".....Geo. H. Pepper
- "The Butterflies of the Vicinity of New York City"..., William Beutenmüller
- "The Sequoia; A Historical Review of Biological Science"....G. H. Sherwood

The *Bulletin* matter published during 1902 has exceeded that of any previous year.

The following is a complete list of the scientific publications:

DEPARTMENT OF GEOLOGY AND INVERTEBRATE PALÆONTOLOGY.

Bulletin, Volume XVI.

R. P. Whitfield. "Description of a New Form of *Myalina* from the Coal Measures of Texas." (Pages 63-66, with 2 text figures.)

R. P. Whitfield. "Observations on and Emended Description of *Heteroceras simplicostatum* Whitfield." (Pages 67-72, plates xxiii-xxvii.)

R. P. Whitfield. "Description of a New *Teredo*-like Shell from the Laramie Group." (Pages 73-76, plates xxviii and xxix, and 1 text figure.)

Edmund Otis Hovey. "Martinique and St. Vincent; a Preliminary Report upon the Eruptions of 1902." (Pages 333-372, plates xxxiii-li, and 1 text figure.)

R. P. Whitfield. "Notice of a new Genus of Marine Algæ, Fossil in the Niagara Shale." (Pages 399-400, plate liii.)

F. B. Loomis. "On Jurassic Stratigraphy on the West Side of the Black Hills.—Second Paper on American Jurassic Stratigraphy." (Pages 401-408, plates liv and lv.)

DEPARTMENT OF MAMMALOGY AND ORNITHOLOGY.

Bulletin, Volume XVI.

E. W. Nelson. "A New Species of Elk from Arizona." (Pages 1-12, with 7 text figures.)

J. A. Allen. "Zimmermann's 'Zoologiæ Geographica' and 'Geographische Geschichte' considered in their Relation to Mammalian Nomenclature." (Pages 13-22.)

J. A. Allen. "The Generic and Specific Names of some of the Otariidæ." (Pages 111-118.)

J. A. Allen. "A New Caribou from the Alaska Peninsula." (Pages 119-128, with 6 text figures.)

J. A. Allen. "A New Bear from the Alaska Peninsula." (Pages 141-144, plates xxx and xxxi.)

J. A. Allen. "A New Sheep from the Kenai Peninsula." (Pages 145-148, with 2 text figures.)

J. A. Allen. "Description of a New Caribou from Northern British Columbia, and Remarks on *Rangifer montanus*." Pages 149-158, with 6 text figures.)

J. A. Allen. "Nomenclatorial Notes on American Mammals." (Pages 159-168.)

J. A. Allen. "List of Mammals collected in Alaska by the Andrew J. Stone Expedition of 1901." (Pages 215-230.)

Frank M. Chapman. "List of Birds collected in Alaska by the Andrew J. Stone Expedition of 1901." (Pages 231-248.)

J. A. Allen. "A Preliminary Study of the South American Opossums of the Genus *Didelphis*." (Pages 249-280.)

J. A. Allen. "Mammal Names proposed by Oken in his 'Lehrbuch der Zoologie.'" (Pages 373-380.)

J. A. Allen. "A New Caribou from Ellesmere Land." (Pages 409-412, with 2 text figures.)

J. A. Allen. "The Hair Seals (Family Phocidæ) of the North Pacific Ocean and Bering Sea." (Pages 459-499.)

DEPARTMENT OF VERTEBRATE PALÆONTOLOGY.

Bulletin, Volume XVI.

Henry Fairfield Osborn. "Dolichocephaly and Brachycephaly in the lower Mammals." (Pages 77-90, with 5 text figures.)

Henry Fairfield Osborn. "The Four Phyla of Oligocene Titanotheres." Titanothere Contributions, No. 4. (Pages 91-110, with 13 text figures.)

W. D. Matthew. "A Skull of *Dinocyon* from the Miocene of Texas." (Pages 129-136, with 4 text figures.)

W. D. Matthew. "On the Skull of *Bunolurus*, a Musteline from the White River Oligocene." (Pages 137-140, with 3 text figures.)

Henry Fairfield Osborn. "American Eocene Primates, and the supposed Rodent Family Mixodectidæ." (Pages 169-214, with 40 text figures.)

W. D. Matthew. "New Canidæ from the Miocene of Colorado." (Pages 281-290, with 4 text figures.)

W. D. Matthew. "A Horned Rodent from the Colorado Miocene. With a Revision of the Mylagauli, Beavers, and Hares of the American Tertiary." (Pages 291-310, with 17 text figures.)

W. D. Matthew. "The Skull of *Hypisodus*, the smallest of the Artiodactyla, with a Revision of the Hypertragulidæ." (Pages 311-316, with 4 text figures.)

W. D. Matthew. "List of the Pleistocene Fauna from Hay Springs, Nebraska." (Pages 317-322.)

DEPARTMENT OF ANTHROPOLOGY.

Memoirs, Volume V.

Franz Boas and George Hunt. "Kwakiutl Texts." (Pages 271-402.)

Volume VI.

Washington Matthews. "The Night Chant, a Navaho Ceremony." (Pages 1-316, plates i-viii, and 19 text figures.)

Bulletin, Volume XVI.

Alès Hrdlička. "The Crania of Trenton, New Jersey, and their bearing upon the Antiquity of Man in that Region." (Pages 23-62, plates i-xxii, and 4 text figures.)

Volume XVII.

Roland B. Dixon. "Basketry Designs of the Indians of Northern California." (Pages 1-32, plates i-xxxvii.)

Roland B. Dixon. "Maidu Myths." (Pages 33-118.)

Volume XVIII.

A. L. Kroeber. "The Arapaho." (Pages 1-150, plates i-xxxi, and 46 text cuts.)

DEPARTMENT OF INVERTEBRATE ZOOLOGY.

Bulletin, Volume XVI.

J. E. Duerden. "Boring Algæ as Agents in the Disintegration of Corals." (Pages 323-332, plate xxxii.)

DEPARTMENT OF ENTOMOLOGY.

Bulletin, Volume XVI.

William Beutenmüller. "Descriptions of some Larvæ of the Genus *Catocala*." (Pages 381-394.)

William Beutenmüller. "The Earlier Stages of Some Moths." (Pages 395-398, plate lii.)

William Beutenmüller. "Descriptive Catalogue of the Noctuidæ found within Fifty Miles of New York City." Part II. (Pages 413-458, plates lvi-lix.)

LECTURES.—The different lectures that the Museum, through Professor Bickmore (and under a grant from the State) has provided for the teachers of New York now number 398, upon 205 different subjects. During 1902, the lectures were as follows:

Spring Course.

January	25—Naples, Pompeii and Rome and their Museums.
February	1—Naples, Pompeii and Rome and their Museums.
"	8—The Eastern Riviera.
"	15—The Eastern Riviera.
March	1—The Upper Rhine.
"	8—The Upper Rhine.
"	15—The Lower Rhine.
"	22—The Lower Rhine.

Autumn Course.

October	18—The Swiss Alps.
"	25—The Swiss Alps.
November	1—The French Alps.
"	8—The French Alps.
"	15—Historic Towns of Central France.
"	22—Historic Towns of Central France.
"	29—Historic Towns of Southern France and the French Riviera.
December	6—Historic Towns of Southern France and the French Riviera.

The following were delivered to members of the Museum:

February	20—Naples, Pompeii and Rome and their Museums.
"	27—The Eastern Riviera.
March	6—The Upper Rhine.
"	13—The Lower Rhine.
November	20—The Swiss Alps.
December	4—The French Alps.
"	11—Historic Towns of Central France.
"	18—Historic Towns of Southern France and the French Riviera.

The following were delivered to the general public:

New Year's Day, January 1, 1902—London: The City and the Thames.
 Washington's Birthday, February 22, 1902—The Rhine.
 Thanksgiving Day, November 27, 1902—The Swiss Alps.
 Christmas Day, December 25, 1902—The French Alps.

In coöperation with the Audubon and Linnæan Societies, the Museum offered to teachers a series of eight informal talks on birds, illustrated by specimens which could be handled freely for purposes of comparison and discussion. The lectures were given on Saturday afternoons. The subjects and speakers were as follows:

April	5 and 12—The Birds of Early Spring.....	Frank M. Chapman
April	19 and 26—The Birds of April.....	William Dutcher
May	3 and 10—The Birds of Early May.....	Dr. J. Dwight, Jr.
May	17 and 24—The Birds of late May, and Birds' Nests...	C. William Beebe

The Museum has continued to coöperate with the Board of Education. The following lectures were delivered.

Tuesday evenings.

January	7—Greenland.....	W. E. Meehan
"	14—The Yellowstone National Park.....	Miss Mary V. Worstell
"	21—The Indians of the Wild Northwest: Their Haunts; Their Sports; Their Homes.....	Egerton R. Young
"	28—The Cliff- and Cave-Dwellers of the Southwest. F. S. Dellenbaugh	
February	4—The State of New York, and its Remarkable Natural Features.....	W. C. Peckham
"	11—Flashes of Light on Yankee Land. A Description of Central New England.....	George W. Bicknell
"	18—In the Heart of the Rockies.....	Jacques W. Redway
"	25—The Black Hills and Bad Lands of South Dakota and Wyoming.....	E. O. Hovey
March	4—Alaska.....	John P. Clum
"	11—The Mississippi Valley and the Southern States.....	S. T. Willis
"	18—Seeking Peary and the Pole.....	H. L. Bridgman
"	25—Pennsylvania.....	W. E. Meehan
April	1—In the Land of the Red Men, as they Were and Are. With Glimpses of Prairies, Mountains, Lakes and the Glorious Northern Auroras.....	Egerton R. Young
"	8—Florida.....	W. E. Meehan
"	15—In the Wake of the Setting Sun.....	John P. Clum
"	22—The Nicaragua Canal.....	W. E. Simmons
"	29—Hawaii.....	John C. Bowker
October	7—New Zealand.....	Dr. John C. Bowker
	14—Contrasts. (A study of the customs of people in many lands compared and contrasted by phrase and picture).....	Dr. John C. Bowker
	21—Japan.....	Dr. Wm. E. Griffis
	28—China.....	Dr. Kenneth F. Junor
November	4—Manners and Customs of Hindus. (Illustrated by costumes).....	Mrs. Helen M. Jackson
	11—New Things we have Learned about Africa.....	Cyrus C. Adams
	18—The Vale of Cashmere.....	A. C. Maclay
	25—Persia.....	Joel Werda
December	2—The Bedouins of the Euphrates.....	Mrs. J. H. Haynes
	9—Jerusalem and Her Environs.....	S. W. Naylor
	16—Cairo.....	G. C. Mars

Saturday evenings.

January	4—An Evening in the American Museum of Natural History.....	Harlan I. Smith
"	11—The New York Aquarium. (A description of the fine fish collection at the Battery).....	Charles L. Bristol
"	18—Bronx Park. (A description of the Park and the New York Botanical Gardens.).....	Miss Mary V. Worstell
"	25—The Zoölogical Garden. (A description of New York's great Zoölogical Garden at Bronx Park.).....	Henry F. Osborn
February	1—The Reign of Fire. The first of a course of four lectures on "The Story of the Earth.".....	W. T. Elsing
"	8—The Warfare of Water.....	W. T. Elsing
"	15—The Great Ice Age.....	W. T. Elsing
"	22—The Earth and Man.....	W. T. Elsing

March	1—Life of a World. (An explanation of some important facts in geology).....	Jacques W. Redway
"	8—Industrial Regions of the United States.....	Jacques W. Redway
"	15—Man's Relation to Rivers and River Valleys.....	Richard E. Dodge
"	22—Man's Relation to Mountains and Plains.....	Richard E. Dodge
"	29—Life in the Deserts.....	Richard E. Dodge
April	5—Great Ports of the World.....	Cyrus C. Adams
"	12—How to Know the Common Trees.....	John W. Moyer
"	19—Where Lumber Comes From.....	John W. Moyer
"	26—Home Gardening.....	Miss Louise Klein Miller

Four lectures by Dr. Henry E. Crampton on "Some Interesting Aspects of Evolution."

October	18—The Problem of Evolution.	
	25—Interesting Facts showing Evolution.	
November	1—Interesting Facts showing the Method of Evolution.	
	8—Method. (Conclusion and Summary.)	
	15—Earthquakes.....	Cyrus C. Adams.
	22—Volcanoes.....	Dr. E. O. Hovey
	29—Martinique.....	George Donaldson
December	6—Ants and Bees.....	W. T. Elsing
	13—Snakes.....	Wm. Harper Davis

In concluding this my twenty-second report, I take pleasure in assuring the members of this Board that the past year has been one of achievement. The increase in the annual appropriation, the growing popularity of the lectures, the large sums spent for laboratory research, the long list of publications, the opening of new exhibition halls, the appropriation by the city of \$200,000 for a new power house, the receipt of large invoices of ethnological material from Siberia and China, the conclusion of negotiations leading to the purchase of the Cope Collection, and the departure of several exploring expeditions are only a few of the indices of activity at the Museum, of the generosity of our friends, and of appreciation on the part of the City officers and the visiting public.

The thirty-fourth year of the American Museum of Natural History is now brought to a close. With thanks to you for your cordial co-operation, I am,

Very truly yours,

MORRIS K. JESUP,

President.

FINANCIAL STATEMENT.

PERMANENT ENDOWMENT.

General Fund.....	\$415,000 00
JOHN B. TREVOR Fund	10,000 00
JOSIAH M. FISKE Fund.....	10 000 00
	<u>\$435,000 00</u>

	RECEIPTS.	DISBURSE- MENTS.
Eastern Asiatic Research Fund.....	18,720 73	11,533 00
ANDREW J. STONE EXPEDITION.....	11,257 89	8,768 51

SPECIAL FUNDS.

ANDREW J. STONE EXPEDITION FUND.

RECEIPTS.

Cash on hand January 1, 1902.....	\$3,398 19	
Estate of James M. Constable.....	2,000 00	
Contributions received through Madison Grant, 1902-03.	2,050 00	
Rebates	30 73	
Interest on Credit Balances.....	118 43	
	<u> </u>	\$7,597 35

DISBURSEMENTS.

Andrew J. Stone, salary, expenses in the field, etc....	\$4,773 45	
Stationery, freight, insurance, etc.....	61 47	
Specimens purchased.....	180 00	
Wages, transportation, etc.....	93 05	5,107 97
	<u> </u>	
Cash on hand December 31, 1902.....		<u>\$2,489 38</u>

JOHN H. WINSER, *Treasurer.*

Correct.—E. L. MASSETT, *Auditor.*

NEW YORK, *December 31, 1902.*

EASTERN ASIATIC RESEARCH FUND.

RECEIPTS.

Cash on hand January 1, 1902.....	\$15,320 ⁷ / ₆₅	
Sale of Publications.....	52 91	
Interest on Credit Balances.....	343 93	
	<hr/>	\$15,717 49

DISBURSEMENTS.

Berthold Laufer, salary, expenses of expedition, purchase of specimens, etc.....	\$8,338 92	
Sundry bills, cable tolls, freight, insurance, etc....	190 84	8,529 76
	<hr/>	
Cash on hand December 31, 1902.....		<u>\$7,187 73</u>

JOHN H. WINSER, *Treasurer.*

Correct.—E. L. MASSETT, *Auditor.*
NEW YORK, *December 31, 1902.*

CITY MAINTENANCE.

DISBURSEMENTS.

Geology and Invertebrate Palæontology.....	6,254 08	
Mammalogy and Ornithology.....	7,180 41	—
Mineralogy.....	2,940 06	
Vertebrate Palæontology.....	12,785 12	✓
Anthropology.....	19,946 89	
Entomology.....	3,003 60	
Invertebrate Zoölogy.....	4,072 17	
Library.....	2,681 83	
Publications.....	2,019 08	
Preservation and Exhibition.....	8,831 53	
General Supplies and Expenses.....	4,237 98	
Heating and Lighting.....	22,191 04	
Repairs and Installation.....	22,919 86	
Administration.....	40,936 35	
		\$160,000 00
Payment temporary loan.....	13,000 00	
“ “ “ General Account.....	7,000 00	
Interest on Balances, transferred to General Account.	151 74	
		20,151 74
Cash on hand December 31, 1902.....		15,000 00
		<u>\$195,151 74</u>

CHARLES LANIER, *Treasurer.*

[E. & O. E.]

NEW YORK, *December 31, 1902.*

THE AMERICAN MUSEUM OF NATURAL HISTORY

GENERAL.

RECEIPTS.

Cash on hand January 1, 1902.....	\$7,641 21
State Superintendent of Public Instruction.....	12,000 00
Annual Members.....	10,250 00
Interest on Invested Funds.....	20,980 00
Trustees:	
Gustav E. Kissel.....	\$250 00
Archibald Rogers.....	500 00
	750 00
Patrons, Edward M. Shepard.....	1,000 00
Life Members:	
John I. Waterbury.....	\$100 00
Dr. Frederick E. Lange.....	100 00
James F. O'Shaughnessy.....	100 00
E. J. de Coppet.....	100 00
Zenas Crane.....	100 00
Samuel P. Avery, Jr.....	100 00
Charles W. McAlpin.....	100 00
Alan C. Harris.....	100 00
Wm. Lord Conyngham.....	100 00
James J. Higginson.....	100 00
Milton Robbins.....	100 00
Miss Annie Stone.....	100 00
Miss Catherine A. Bliss.....	100 00
Miss Fannie E. Wright.....	100 00
Jacob Mahler.....	100 00
	1,500 00
Admission Fees.....	1,839 25
Henry F. Osborn, for the support of Department of Vertebrate Palæontology.....	2,000 00
Morris K. Jesup, gift.....	5,000 00
Sale of Specimens and Rebates.....	834 53
Sale of Publications.....	700 33
Collecting Permits.....	32 00
Anthropology, a friend.....	5 00
Jesup North Pacific Expedition.....	455 35
Repayment of temporary loan from Maintenance Account.....	7,000 00
Interest on Credit Balances.....	151 74
	<u>\$72,139 41</u>

Examined and Approved. { ANSON W. HARD,
 GEORGE G. HAVEN, } *Auditing*
 GUSTAV E. KISSEL. } *Committee.*

Correct.—E. L. MASSETT, *Auditor.*

GENERAL.

DISBURSEMENTS.

Geology and Invertebrate Palæontology.....	\$1,449 64
Mammalogy and Ornithology.....	5,695 24
Mineralogy.....	595 94
Vertebrate Palæontology.....	7,735 33✓
Anthropology.....	10,036 77
Entomology.....	215 37
Invertebrate Zoölogy.....	708 76
Library.....	1,278 92
Publications.....	12,391 41
Preservation and Exhibition.....	597 17
General Supplies and Expenses.....	9,699 27
Department of Public Instruction.....	9,376 80
Jesup North Pacific Expedition.....	455 35
Temporary loan to Maintenance Account.....	7,000 00
Interest on Debit Balances.....	6 52
	<u>\$67,242 49</u>
Cash on hand December 31, 1902.....	4,896 92

\$72,139 41

[E. & O. E.]

NEW YORK, December 31, 1902.

CHARLES LANIER, *Treasurer.*

THE AMERICAN MUSEUM OF NATURAL HISTORY

ENDOWMENT AND INVESTMENT.

RECEIPTS.

Morris K. Jesup.....	\$1,329 62	
Morris K. Jesup, Jesup North Pacific Expedition.....	6,856 35	
Morris K. Jesup, Cope Collection of Reptiles, Batrachians and Fishes.....	18,550 00	
Morris K. Jesup, Porcupine River Expedition.....	200 00	
Mrs. M. K. Jesup, North American Indian Research Publications.....	220 06	
International Congress of Americanists Fund:		
Morris K. Jesup.....	\$1,250 00	
Joseph F. Loubat.....	1,250 00	
Subscriptions from Members.....	575 60	
		3,075 60
Investment Fund: <i>✓</i>		
Bequest of Oswald Ottendorfer.....	\$25,000 00	
" " Henry Villard.....	5,000 00	
" " Joel Goldenberg.....	1,900 00	
Interest on Balances.....	308 57	
		32,208 57
Pampean Collection of Fossils, 1901.....	\$8,000 00	
Contribution by Prof. Henry F. Osborn.....	2,000 00	
		10,000 00
Joseph F. Loubat:		
Loubat Collection of Mexican Jadeites.....	\$350 00	
Brazilian Ethnological Collection.....	1,500 00	
		1,850 00
Dr. Frederick E. Hyde, Delaware Valley Research.....	1,000 00	
Hyde Exploration Fund, B. T. Babbitt Hyde, Fred. E. Hyde, Jr.	2,900 00	
Hyde Expedition Publication Fund, Fred. E. Hyde, Jr.....	2,184 97	
Wm. C. Whitney, Fossil Horses Collection.....	5,993 78	
George Foster Peabody, Steiner Collection of Indian Antiquities.....	1,000 00	
Mrs. C. P. Huntington Fund, balance, 1901.....	547 27	
Archer M. Huntington Fund, balance, 1901.....	144 83	
Huntington California Indian Fund:		
Mrs. C. P. Huntington.....	\$750 00	
Archer M. Huntington.....	750 00	
		1,500 00
L. M. Goldberger, Oregon and Yukon River Ethnographical Research.....	1,133 00	
John L. Cadwalader, Bird Groups, balance, 1901.....	778 82	
William Demuth, Collection of Pipes.....	200 00	
North American Indian Research.....	72 23	
Very Rev. E. A. Hoffman, D.D., LL.D., Hoffman Black Mountain Expedition.....	200 00	
N. Y. State Archaeological Research.....	60 00	
Percy R. Pyne, Audubon Paintings.....	50 00	
Matilda W. Bruce, Mineral Specimens.....	50 00	
Interest on Credit Balances.....	454 82	
		\$92,559 86

Examined { ANSON W. HARD, } *Auditing*
and Approved. { GEORGE G. HAVEN. } *Committee.*
 { GUSTAV E. KISSEL. }

Correct.—E. L. MASSETT, *Auditor.*

ENDOWMENT AND INVESTMENT.

DISBURSEMENTS.

Jesup North Pacific Expedition.....	\$6,856 35
Cope Collection of Reptiles, Batrachians and Fishes.....	18,550 00
Porcupine River Expedition.....	200 00
North American Indian Research Publications.....	220 00
International Congress of Americanists Fund.....	1,394 85
Investment Fund:	
Atchison, Topeka & Santa Fe Railway Co., Serial Debenture Bonds 4%, \$35,000.....	32,182 66
Cope Pampean Collection of Fossils.....	10,000 00
Loubat Collection of Mexican Jadeites.....	350 00
Brazilian Ethnological Collection.....	1,500 00
Delaware Valley Research.....	927 00
Hyde Exploration Fund.....	2,900 00
Hyde Expedition Publication Fund.....	2,184 97
Wm. C. Whitney Fund, Fossil Horses.....	5,955 15
Steiner Collection of Indian Antiquities.....	1,000 00
Mrs. C. P. Huntington Fund.....	422 94
Archer M. Huntington Fund.....	96 37
Huntington California Indian Fund.....	1,491 00
Oregon and Yukon River Ethnographical Research.....	933 00
John L. Cadwalader Fund.....	753 31
Wm. Demuth Collection of Pipes.....	176 48
North American Indian Research.....	72 23
Hoffman Black Mountain Expedition.....	200 00
N. Y. State Archaeological Research.....	60 00
Audubon Paintings.....	50 00
Mineral Specimens.....	50 00
Cash on hand December 31, 1902.....	4,033 55

\$92,559 86

[E. & O. E.]

NEW YORK, December 31, 1902.

CHARLES LANIER, *Treasurer.*

LIST OF ACCESSIONS, 1902.

LIBRARY.

BY DONATION.

[illegible]

	Volumes.	Parts and Numbers.	Pan- phlets.
J. H. Winsor, New York City	I		
Mrs. R. A. Witthaus, New York City	IO		2
Lewis Woolman, Philadelphia, Penn.	I		
L. G. Yates, Santa Barbara, Cal.			I
Agricultural Experiment Station, Montgomery, Ala.		2	
Arizona Agricultural Experiment Station, Tucson, Ariz.		2	I
California Agricultural Experiment Station, Berkeley, Cal.		3	
San Francisco Public Library, San Francisco, Cal.	I		
Bridgeport Public Library, Bridgeport, Conn.			I
Hartford Steam Boiler Inspection and Insurance Co., Hart- ford, Conn.		6	
Delaware College Agricultural Experiment Station, Newark, Del.		6	
Florida Agricultural Experiment Station, Lake City, Fla.		4	
Idaho Experiment Station, Moscow, Idaho		4	
University of Illinois, Urbana, Ill.		I	
Board of State Charities of Indiana, Indianapolis, Ind.		5	
Indiana State Library, Indianapolis, Ind.		I	
Iowa Board of Railroad Commissioners, Des Moines, Ia.	I		
Iowa State Horticultural Society, Des Moines, Ia.	3		
Kentucky Agricultural Experiment Station, Lexington, Ky.	I	7	
Geological Survey of Louisiana, Baton Rouge, La.	I		
Louisiana State Experiment Station, Baton Rouge, La.	I		
Tulane University of Louisiana, New Orleans, La.	I		
Maryland Agricultural Experiment Station, College Park, Md.	I	17	
Massachusetts Bureau of Statistics of Labor, Boston, Mass.	I		
Massachusetts Horticultural Society, Boston, Mass.	2	2	
Museum of Fine Arts, Boston, Mass.	2		
Cambridge Philosophical Society, Cambridge, Mass.		3	
Registration and Trust Company, Cambridge, Mass.			I
Commonwealth of Massachusetts, Millbury, Mass.			I
Archæological Institute of America, Norwood, Mass.		3	
Michigan State Agricultural College Experiment Station, Agricultural College, Mich.		8	
Michigan Bureau of Labor and Industrial Statistics, Lansing, Mich.	I		
Michigan State Treasurer, Lansing, Mich.	I		
University of Minnesota Agricultural Experiment Station, St. Anthony Park, Minn.		3	
Webb Publishing Co., St. Anthony Park, Minn.		IO	
Mississippi Agricultural College, Starkville, Miss.	I		
Missouri State Horticultural Society, Jefferson City, Mo.	I		
Washington University, St. Louis, Mo.	I		
University of Montana, Missoula, Mont.		I	
University of Nebraska Agricultural Experiment Station, Lincoln, Neb.		20	
New Hampshire Historical Society, Concord, N. H.	I		
New Jersey Free Public Library, Newark, N. J.		3	
New Jersey Historical Society, Paterson, N. J.		I	
Bureau of Labor Statistics, Albany, N. Y.	I		
New York Board of Mediation and Arbitration, Albany, N. Y.	I		

	Volumes.	Parts and Numbers.	Pamphlets.
New York State Board of Health, Albany, N. Y.	2	11	
New York State Commissioner of Excise, Albany, N. Y.	2		I
New York State Department of Labor, Albany, N. Y.		4	I
New York State Department of Public Instruction, Albany, N. Y.	30		
New York State Factory Inspectors, Albany, N. Y.	1		
New York State Superintendent of Banks, Albany, N. Y.	2		
Brooklyn Daily Eagle, Brooklyn, N. Y.	1		
Institute of Arts and Sciences, Brooklyn, N. Y.	1		I
Grosvenor Library, Buffalo, N. Y.	1		
Pan-American Exposition, Buffalo, N. Y.	1		
New York Agricultural Experiment Station, Geneva, N. Y.		29	
Cornell University Agricultural Experiment Station, Ithaca, N. Y.	1	10	
New York State College of Forestry, Ithaca, N. Y.		3	I
Agular Free Library Society, New York City.	1		
American Society for the Prevention of Cruelty to Animals, New York City.	1	10	
Auk (The), New York City.	1		
Automobile Club, New York City.		42	
Deutsche Poliklinik, New York City.		1	
New York Central and Hudson River Railroad, New York City.			I
New York City Department of Parks, New York City.	1		
New York Dispensary, New York City.	1		
New York Entomological Society, New York City.		3	
New York Historical Society, New York City.	1		
New York Meteorological Observatory, New York City.			I
New York Post-Graduate Medical School, New York City.		9	
New York Scientific Alliance, New York City.		3	
North Carolina State Board of Agriculture, Raleigh, N. C.		1	
North Dakota Agricultural College Experiment Station, Fargo, N. Dak.	1	3	
Cincinnati Museum Association, Cincinnati, Ohio.	1		
Lloyd Library, Cincinnati, Ohio.	1	1	
Ohio State Library, Columbus, Ohio.	25	56	
Denison University, Granville, Ohio.		1	
Wilson Ornithology Chapter, Agassiz Association, Oberlin, Ohio.	1		
American Academy of Political and Social Science, Phila- delphia, Penn.			I
Pennsylvania Museum and School of Industrial Art, Phila- delphia, Penn.			I
Rhode Island Agricultural Experiment Station, Kingston, R. I.		5	
Tennessee Agricultural Experiment Station, Knoxville, Tenn.		1	
University of Tennessee, Knoxville, Tenn.		2	
Vermont State Board of Agriculture, Burlington, Vt.	1		
University of Virginia, Charlottesville, Va.	1	2	
Virginia Agricultural Experiment Station, Blacksburg, Va.		10	
Hampton Normal and Agricultural Institute, Hampton, Va.	1		
Bureau of Education, Washington, D. C.	4		
Bureau of Statistics, Washington, D. C.			I
Government Printing Office, Washington, D. C.	3		
National Geographic Society, Washington, D. C.		10	
Philosophical Society of Washington, D. C.	1		I

	Volumes.	Parts and Numbers.	Pamphlets.
Superintendent of Documents, Washington, D. C.	2	5	1
U. S. Civil Service Commission, Washington, D. C.	1		
U. S. Commission of Fish and Fisheries, Washington, D. C. .	1	7	
Wyoming Agricultural Experiment Station, Laramie, Wyo. .	2		
Minister of Mines, Victoria, British Columbia.	3		
Minister of Public Works, Montreal, Canada.	3		
Central Experiment Farm, Ottawa, Canada.	1	2	
Department of Agriculture, Ottawa, Canada.	1	1	
Department of Marine and Fisheries, Ottawa, Canada.	3	1	
Department of Parliamentary Papers, Ottawa, Canada.	25	5	3
Department of Trade and Commerce, Ottawa, Canada.	4	10	
Department of Trade and Navigation, Ottawa, Canada.	9		
Minister of Finance, Ottawa, Canada.	1		
L'Université Laval, Quebec, Canada.	1		
Meteorological Service, Toronto, Canada.		1	
Ontario Department of Agriculture, Toronto, Canada.	7	7	1
The Caswell Company, Toronto, Canada.	1		
Colonial Secretary's Office, Cape Town, Africa.	1		
Victoria Department of Agriculture, Melbourne, Australia. .		9	
Census Office, Sydney, Australia.		1	
Royal Anthropological Society, Sydney, Australia.		14	
Government Geologist, Adelaide, South Australia.			1
Public Library, Museum and Art Gallery, Adelaide, South Australia.			1
Minister of Mines, Victoria, Australia.	1		
Minister of Mines, Tasmania, Australia.		1	6
Sociedad Científica Argentina Buenos Aires, Argentine Republic.		12	
Akademija Umiejętności, Krakau (Galicia), Austria.	4	2	
K. K. Universitäts Botanischer Garten, Vienna, Austria.	1		1
Wiener Thierschutz-Verein, Vienna, Austria.		3	
Hungarian Central Bureau, Budapest, Austria-Hungary.	1		
Kongelige Danske Geografiske Selskab, Copenhagen, Den- mark.		1	
Government of Egypt, Cairo, Egypt.	1		
Liverpool Marine Biology Committee, Liverpool, England. .	1		
Royal Botanic Gardens, London, England.	1		
Société Nationale d'Agriculture, Sciences et Arts, Angers, France.	2		
Société d'Agriculture, Sciences, Arts et Commerce de la Cha- rente, Angoulême, France.		3	
Académie des Sciences, Belles-Lettres et Arts, Besançon, France.	1		
Société d'Emulation d'Ain, Bourg, France.		5	
Société des Études Littéraires, Scientifiques et Artistiques du Lot, Cahors, France.		4	
Commission d'Antiquités de la Côte-d'Or, Dijon, France.		1	
Société d'Horticulture et de Viticulture de la Côte-d'Or, Dijon, France.		1	
Société des Sciences Médicales de Gannat, Gannet, France. .	11		
Société de Médecine et de Pharmacie de la Haute-Vienne, Limoges, France.	1	8	

	Volumes.	Parts and Numbers.	Pamphlets.
Académie des Sciences et Lettres de Montpellier, Montpellier, France.....			I
Société d'Horticulture et d'Histoire Naturelle de l'Hérault, Montpellier, France.....	I	18	
Librairie Française, Montrouge, France.....	5		4
Société d'Histoire et d'Archéologie de Châlon, Châlon-sur-Saône, France.....	I		
Alliance des Unions Chrétiennes des Jeunes Gens de France, Paris, France.....		I	
Club Cévenot, Paris, France.....		4	
Librairie Alphonse Picard et Fils, Paris, France.....	I		
Société des Ingénieurs du Hainaut, Liege, Belgium.....		I	
Naturforschende Gesellschaft, Bamberg, Germany.....	I		
Zoologisches Museum, Berlin, Germany.....	I	I	
Schlesische Gesellschaft für Vaterländische Kultur, Breslau, Germany.....	I		
Königliches Mineralogisch-Geologisch-und Prähistorisches Museum, Dresden, Germany.....			I
Deutsche Malakozoologische Gesellschaft, Frankfurt, Germany.....		3	
Naturforschende Gesellschaft zu Freiburg, Freiburg, Germany.....	I	5	
Deutscher Verein zum Schütz der Vögelwelt, Gera, Germany.....		10	
Roemer-Museum zu Hildesheim, Hildesheim, Germany.....	2		4
Commerce Spécial de la Grèce avec les Pays Etrangers, Athens, Greece.....		4	
Ministère des Finances, Athens, Greece.....	I		
Bernice Pauahi Bishop Museum of Ethnology and Natural History, Honolulu, Hawaiian Islands.....	I	5	
Ungarischer Karpathen-Verein, Lőcse, Hungary.....	I		
Verein für Naturkunde, Presburg, Hungary.....	2		
Northwestern Provinces and Oudh, Allahabad, India.....	I	3	
Department of Land Records and Agriculture, Bombay, India.....	I		
Government Central Press, Bombay, India.....	I		I
Agricultural and Horticultural Society of India, Calcutta, India.....		5	
Bengal Chamber of Commerce, Calcutta, India.....	3		
Botanical Survey of India, Calcutta, India.....		4	
Civil Veterinary Department in India, Calcutta, India.....	I		I
Government of India, Calcutta, India.....	6	56	37
Belfast Natural History and Philosophical Society, Belfast, Ireland.....	I		
Department of Agriculture and Technical Instruction for Ireland, Dublin, Ireland.....	2		
Società Anonima Corporation Topografica, Naples, Italy.....			I
Reale Stazione Agraria, Sperimentale di Roma, Portici, Italy..		I	
Ministero di Agricoltura, Industria e Commercio, Rome, Italy.....	I		
Società Romana di Antropologia, Rome, Italy.....		2	
Ministero di Agricoltura, Rome, Italy.....	I		
Istituta Fisiologica, Università di Sassari, Sassari, Italy.....		I	
Deutsche Gesellschaft für Natur-und Völkerkunde Ost-Asiens, Tokio, Japan.....	I	3	
Tokio Geographical Society, Tokio, Japan.....		8	

	Volumes.	Parts and Numbers.	Pamphlets.
Genaro Garcia, Mexico			I
Instituto Médico Nacional, Mexico, Mexico		3	
Instruccion Publica Mexicana, Mexico, Mexico		4	
Francisco Belmar, Oaxaca, Mexico	I		
Red Meteorologica del Estado de Mexico, Toluca, Mexico....		6	
Rijks Ethnographisch-Museum te Leiden, Leyden, Netherlands.....	I		
Middleburg College, Middleburg, Netherlands			I
New Zealand Institute, Wellington, New Zealand	I		
Register-General's Office, Wellington, New Zealand	2		
Norges Officielle Statistik, Christiania, Norway		2	
Norske Nordhard Expedition, 1876-1878, Christiania, Norway.....		I	
Sociedad Geografica de Lima, Lima, Peru		3	
Direcção dos Serviços Geologicos, Lisbon, Portugal.....		4	
Travaux Géologiques de Portugal, Lisbon, Portugal.....		4	
Sociedade Broteriana, Coimbra, Portugal.....		3	
Le Congrès, Lisbon, Portugal	2		
Finska Vetenskaps-Societet, Helsingfors, Russia.....		I	
Svoboda (Liberty), Oliphant, Russia		5	
Kaukasisches Museum, Tiflis, Russia.....	I	2	
University of Edinburgh, Edinburgh, Scotland.....	I		
Edinburgh Museum of Science and Arts, Edinburgh, Scotland.			I
Enrique Gomez Planos, Santiago, Chili	I		
Real Accademia de Ciencias Exactas, Fisicas y Naturales, Madrid, Spain.....	I		
L'Institut Royal Géologique de Suede, Stockholm, Sweden...		22	I
Jul. Kollmann, Basel, Switzerland			I
Société Helvétique des Sciences Naturelles, Neuchâtel, Switzerland	I		
Allgemeine Schweizerische Gesellschaft für die gesammten Naturwissenschaften, Bern, Switzerland.....	I		
Superintendent Botanic Station, Barbadoes, West Indies	I		
Institute of Jamaica, Kingston, West Indies			I

BY EXCHANGE.

399 Volumes, 1,672 Numbers and Parts and 186 Pamphlets.

BY PURCHASE.

136 Volumes, 108 Numbers and Parts and 80 Pamphlets.

DEPARTMENT OF GEOLOGY AND INVERTEBRATE
PALÆONTOLOGY.

BY DONATION.

- ✓ W. J. DURRANT, Kingstown, St. Vincent. ✓
Sand from La Soufrière.
✓ H. H. T. JACKSON, Milton, Wis. ✓
1 Specimen of *Raphistoma*.
✓ H. MAXWELL, Lefroy, Barbadoes. ✓
18 Samples of volcanic Dust.
H. C. C. LEONHAUSER, Teller City, Alaska. ✓
Gold-bearing Sand.
✓ T. MACGREGOR MACDONALD, Kingstown, St. Vincent.
Samples of volcanic Sand.
✓ ONTARIO TALC CO., Gouverneur, N. Y. ✓
Samples of Talc, Plumbago and Steatite.
✓ GEO. H. PERKINS, University of Vermont, Burlington, Vt. ✓
8 Specimens of *Ogygia*.
✓ MRS. M. B. STREETER, Brooklyn, N. Y. ✓
Specimens of Rhyolite, Obsidian and Chalcedony.

BY PURCHASE.

- ✓ 237 Specimens of fossils.
✓ 1 " " orbicular Granite.
✓ 2 " " Granite with trap dikes.

THROUGH MUSEUM EXPEDITIONS.

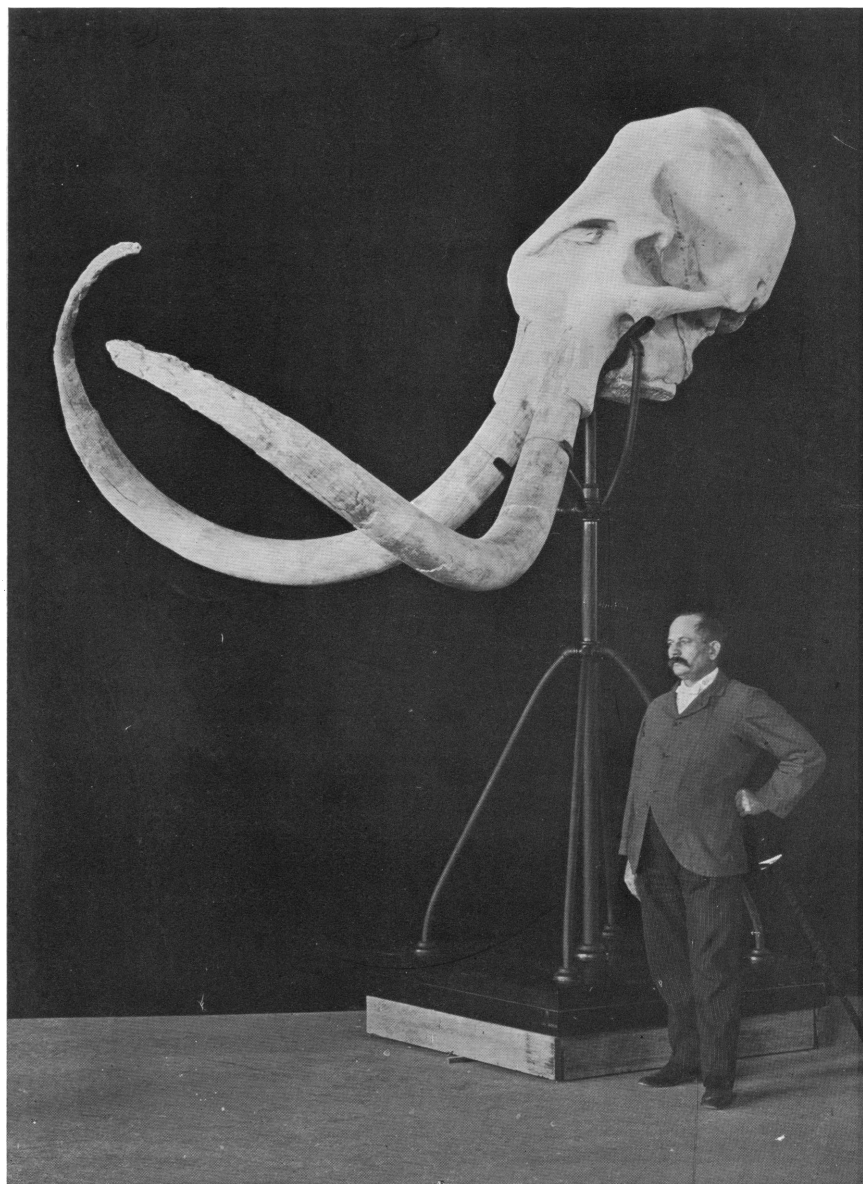
- ✓ 3 Large blocks of Gneiss from near east end of Washington Bridge,
New York City.
✓ 1 Large breadcrust bomb from Mt. Pelé (2,321 lbs.), and a series of
smaller bombs, blocks, hand-specimens and dust from Martinique
and St. Vincent. Collected by E. O. Hovey.

DEPARTMENT OF MAMMALOGY AND ORNI-
THOLOGY.

MAMMALS.

BY DONATION.

- ✓ LEWIS ADLER, New York City.
2 Mexican Deer.
✓ ROBERT J. ADLER, Brooklyn, N. Y.
1 Angora Rabbit.
✓ ARTHUR R. BAKER, New York City.
1 Black Sable, 1 Silver Fox (skulls) and 1 skeleton of Ceylon Mouse.
✓ BARNUM & BAILEY, Bridgeport, Conn.
1 Antelope.



SKULL AND TUSKS OF THE IMPERIAL MAMMOTH

- ✓ J. H. BATTY, New York City.
4 Specimens of *Didelphis marsupialis battyi* Thomas (topotypes).
- ✓ JAMES H. BEEBE, Rochester, N. Y.
1 Black Woodchuck.
- ✓ PROF. HERMON C. BUMPUS, New York City.
1 White-footed Mouse, 2 Moles.
- ✓ JOHN L. CADWALADER, New York City.
4 Meadow Mice.
- ✓ MRS. ELLA F. CHAPMAN, New York City.
1 Yorkshire Terrier.
- ✓ JOHN LEWIS CHILDS, Floral Park, N. Y.
2 Pocket Gophers.
- ✓ CHAS. D. CLEVELAND and MARSHALL H. McLEAN, New York City.
11 Newfoundland Caribou, and accessories, for a group.
- ✓ N. COMSTOCK, New York City.
1 Yorkshire Terrier.
- ✓ MRS. ERNEST W. COOKE, Fayetteville, N. C.
1 Marmoset.
- ✓ MRS. HANNAH M. CORBIN,
2 Mounted Wild Boars.
- ✓ FRANCIS C. CURTIS, Holderness, N. H.
1 Shrew Mole.
- ✓ F. A. M. DEAN, Niagara Falls, N. Y.
1 Jumping Mouse.
- ✓ Miss KATHARINE DONOVAN, New York City.
1 Norwegian Collie Dog.
- ✓ J. J. DORAN, New York City.
Teeth of Horse and Dog.
- ✓ DEPARTMENT OF PUBLIC PARKS, New York City.
9 Monkeys, 5 Marmosets, 2 Lions, 1 Grizzly Bear, 3 Black Bears,
2 Raccoons, 2 Red Foxes, 2 Silver Foxes, 1 Coati, 1 American
Bison (male), 4 Aoudads, 1 Zebu, 1 Hartbeest, 1 Nylghau, 4
Red Deer, 3 Wapiti Deer, 1 Fallow Deer, 1 Axis Deer, 1
Mexican Deer, 1 Indian Elephant, 1 Tree Porcupine, 2 Coypus,
1 Agouti, 1 Opossum.—Total, 51 specimens, received in the
flesh from the Central Park Menagerie.
- ✓ J. D. FIGGINS, New York City.
1 Flying Squirrel.
- ✓ W. C. FOCHELMAN, New York City.
1 Gibbon.
- ✓ C. LINCOLN FREE, Easton, Pa.
1 Mountain Lion, 1 Black-tailed Deer.
- ✓ GEORGE D. FRANKLIN, New York City.
1 Ferret.
- ✓ D. G. GARDNER, Easthampton, N. Y.
1 American Bison.
- ✓ HENRY J. VAN GELDER, Brooklyn, New York.
1 Lynx (mounted).
- ✓ CAPT. GOLDING, S. S. "Afrede."
2 Gibbons, 1 Orang.

MADISON GRANT, New York City.

1 Hoary Marmot.

DR. ALES HRDLICKA, New York City.

3 White-footed Mice, 2 Squirrels and 1 skull of Anteater.

MRS. A. HOPE, New York City.

1 Six-legged Kitten.

HERMON KLUGE, Mt. Vernon, N. Y.

1 Skull of Mexican Puma.

E. A. LEWIS, M.D., Brooklyn, N. Y.

1 Star-nosed Mole, and 1 Weasel (skin and skeleton).

DUKE OF LOUBAT, New York City and Paris.

4 Sea Lions.

EMIL DES MARETS, New York City.

1 Pichiciago (*Chlamyphorus truncatus*).

C. F. NEWCOMB, Queen Charlotte Islands, B. C.

1 Haida Weasel.

NORTH BEACH AMUSEMENT COMPANY.

1 Sea Lion.

MRS. M. NUSTAYER, New York City.

1 Monkey.

NEW YORK ZOÖLOGICAL SOCIETY, New York City.

2 Orangs, 1 Barbary Ape, 1 Gelada Baboon, 1 Common Baboon, 24 Monkeys (various species), 2 Marmosets, 11 Lemurs (various species), 1 Clouded Leopard, 1 Ocelot, 1 Indian Cat, 1 Sand Badger, 2 European Badgers, 2 Binturongs, 2 Florida Otters, 2 Civet Cats, 1 Mongoose, 2 Raccoons, 2 Kinkajous, 1 Coyote (pup), 3 Timber Wolves (pups), 1 Cross Fox, 1 Blue Fox, 1 Red Fox, 1 Sun Bear, 1 Himalayan Bear, 2 Sea Lions, 4 Bats, 2 Pronghorns, 2 Spanish Ibexes, 3 American Bisons, 1 Mountain Sheep, 1 Barbary Sheep, 1 Musk-ox, 1 Caribou, 1 Wapiti Deer, 1 Florida Deer, 1 Cuban Deer, 1 Virginia Deer, 1 Brazilian Deer, 1 Mule Deer, 1 Mexican Deer (fawn), 1 Axis Deer (fawn), 1 Squirrel, 3 Prairie Dogs, 2 Canada Porcupines, 1 Paca, 1 Coypu, 1 Agouti, 1 Capromys, 1 Kangaroo Rat, 1 Armadillo.—Total, 105 specimens, received in the flesh.

PEARY ARCTIC CLUB, New York City.

8 Polar Bears (3 skins and 5 skulls), 1 Bearded Seal, 12 Spotted Seals (4 skins and 8 skulls), 2 young Walruses and 37 skulls, 3 Eskimo Dogs, 7 Arctic Fox skulls, 5 Musk-ox skins and skulls (skins spoiled), 6 flat skins (without skulls), and 3 Musk-ox calves; 5 Ellesmere Land Caribou and 12 Greenland Caribou, flat skins without skulls, 2 Arctic Hares, 2 Narwhal skeletons and 3 tusks, 1 White Whale skeleton. All collected by Commander Peary in northern Greenland, Ellesmere Land, Grinnell Land, etc.

C. PETICH, New York City.

1 Dog.

WM. REDNER, Montgomery, New York.

2 White-footed Mice.

JEREMIAH RICHARDS, New York City.

1 Virginia Deer.

CAPT. WIRT ROBINSON, U. S. A., West Point, N. Y.

6 Cave Rats, 8 Red-backed Mice.

- ✓ L. SCHEIFFLIN, New York City.
Mounted Yorkshire Terrier.
- F. A. SCHNEIDER, New York City.
1 Belgian Hare.
- DR. STRAUSS, New York City.
King Charles Spaniel.
- FRANK N. STUCKEY, New York City.
Albino House Rat with malformed teeth.
- ✓ L. S. THOMPSON, Redbank, N. J.
1 Mounted head of large Alaska Moose, and 2 mounted Rocky Mountain Sheep.
- PROF. THOMAS D. WARD, Teachers College, New York City.
2 Skins of Fur Seals.
- WILLIAM F. WHITEHOUSE, JR.
Mounted Duyker Antelope and (on loan) mounted heads of African Elephant and Two-horned Rhinoceros.
- J. WILLISTON WRIGHT, M. D., New York City.
3 Skulls and 1 skeleton of Coney, from Syria.

BY EXCHANGE.

- 20 Specimens, mostly North American.

BY PURCHASE.

- 631 Specimens, mostly from Mexico, the West Indies and South America.

THROUGH MUSEUM EXPEDITIONS.

✓ ANDREW J. STONE EXPEDITION.

About 1000 small mammals and 48 large mammals, including Moose, Caribou, Deer, Mountain Sheep, Mountain Goats, Black and Grizzly Bears, Wolverines, Fox, Wolf, and 30 skulls of Kadiak Bears. Collected in Alaska and Northern British Columbia.

✓ SIBERIAN EXHIBITION.

- 1 Musk Deer, 31 small mammals (in alcohol) from the Kolyma River.
Collected by Waldemar Jochelson.

BIRDS.

BY DONATION.

- ✓ Miss HARRIETT B. BAILEY, New York City.
✓ Nest of Goldfinch.
- F. BARTELL, New York City.
1 Cassowary.
- J. H. BATTY, New York City.
2 Nests of Troupial (*Cassicus*).
- WILLIAM BEUTENMÜLLER, New York City.
Nest of Carolina Junco.
- ✓ PROF. A. S. BICKMORE, New York City.
Mounted skeleton of Fowl.
- ✓ W. S. BATCHLEY, Indianapolis, Indiana.
Humerus of Great Auk, from shell mounds of Ormond, Florida.

- ✓ V. H. BORCHERDT, Denver, Colorado.
5 White-tailed Ptarmigans.
- ✓ W. J. BUCKLEY, New York City.
1 Alice Thrush, 1 Dove.
- ✓ JOHN L. CADWALADER, New York City.
39 Terns, Skimmers, Plovers and Sandpipers. 7 White-tailed Ptarmigans, for use in Groups.
- ✓ FRANK M. CHAPMAN, New York City.
1 Cuckoo, 1 Sparrow, 2 Ospreys, 3 Petrels, and 66 specimens from the Bahama Islands.
- ✓ J. L. CLARK, Providence, R. I.
1 Meadowlark.
- ✓ L. W. COOK, Fishkill, N. Y.
1 Whippoorwill.
- ✓ CHARLES B. CORY, Boston, Mass.
✓ 1 Florida Black Duck.
- ✓ JOHN C. CREIGHTON, New York City.
✓ Trick Rooster "Jip."
- H. C. DAVENPORT, East Orange, N. J.
2 Geese, 3 Black-necked Swans, 1 Blue Goose, 1 Jungle Fowl, 3 Pheasants, 1 Plumed Partridge.
- ✓ DUKE OF LOUBAT, New York City and Paris.
26 Specimens from Lower California and west coast of Mexico.
- WILLIAM DUTCHER, New York City.
9 Snow Geese, and 15 Cage-birds (various species).
- ✓ DEPARTMENT OF PUBLIC PARKS, New York City.
4 Swans, 2 Black Swans, 1 Canada Goose, 1 Peahen, 8 Pheasants (various species), 7 Eagles, 1 Hawk, 2 Owls, 1 Macaw, 2 Cockatoos, 3 Parrots, 2 Paroquets.—Total, 34 specimens, received in the flesh.
- ✓ J. D. FIGGINS, New York City.
✓ 7 Horned Larks.
- ✓ A. FINCK, New York City.
✓ 1 Heron.
- ✓ HENRY FITCHEW, New York City.
✓ 1 Hummingbird.
- ✓ W. K. GREGORY, New York City.
✓ 1 Vireo.
- ✓ SAMUEL W. HOUSEN, New York City.
✓ 1 Four-legged Chicken.
- ✓ AUGUST KOCH, Williamsport, Pa.
✓ 1 Florida Quail, with malformed bill.
- ✓ THEODORE H. LEE, New York City.
✓ 2 Mounted Arctic Ptarmigans, 1 Mounted Florida Cormorant.
- ✓ WILLIAM LEMMON, Englewood, N. J.
✓ 12 North American birds' eggs.
- ✓ JAMES LOEB, New York City.
✓ 1 Mounted Goshawk.
- ✓ MARSHALL H. McLEAN, New York City.
1 King Eider.

- ✓ ROBERT MEINCKE, New York City.
 - ✓ 1 Cuckoo.
- ROBERT S. MILLER, New York City.
 - ✓ 1 Starling.
- C. F. NEWCOMBE, Queen Charlotte Islands, B. C.
 - ✓ 5 Specimens from Queen Charlotte Islands.
- NEW YORK ZOÖLOGICAL SOCIETY.
 - 2 Flamingos, 1 Stork, 1 Wild Turkey, 1 Peacock Pheasant, 1 Eagle.—Total, 8 specimens, received in the flesh.
- ✓ REV. R. B. POST,
 - ✓ 1 Brown Pelican, from Florida.
- ✓ JOHN ROWLEY, New York City.
 - ✓ 1 Ruby-throated Hummingbird.
- ✓ LOUIS RUHE, New York City.
 - ✓ 1 Finch.
- ERNEST THOMPSON-SETON, Coscob, Conn.
 - ✓ 3 Hybrid Ducks (Mallard and Black Duck).
- ✓ G. O. SHIELDS, New York City.
 - ✓ 1 White-faced Glossy Ibis.
- ✓ G. SIBUILLE, New York City.
 - ✓ 1 Starling, 1 Lapwing, 2 Finches.
- ✓ THEODORE E. SMITH,
 - ✓ 1 Chinese Robin.
- ✓ R. J. SILBERHORN, Mt. Vernon, N. Y.
 - ✓ 1 Hawk.
- ✓ JOSEPH THOMPSON, M.D., U.S.A., Dry Tortugas, Florida.
 - ✓ 16 Specimens, Dry Tortugas, Florida.
- H. B. TYSON,
 - ✓ 1 Kingfisher.
- ✓ PROF. C. O. WHITMAN, University of Chicago, Chicago, Ill.
 - ✓ 1 Rock Dove.
- ✓ HENRY WIETERS, New York City.
 - ✓ 1 Parrot.
- ✓ JAMES HYDE YOUNG, Poughkeepsie, N. Y.
 - ✓ 4 Paroquets.

BY EXCHANGE.

- 17 Specimens, from various localities in North America, South America and the West Indies.

BY PURCHASE.

- 723 Specimens, mostly from Chiriqui, Colombia.

DEPARTMENT OF VERTEBRATE PALÆONTOLOGY.

BY DONATION.

DR. ALEŠ HRDLIČKA. Tooth of a mammoth from Mexico.

PROF. H. F. OSBORN. Collection of Primitive Reptiles and Amphibia from the Permian of Texas. Made by C. H. Sternberg, 1902.

The Cope Collection of Fossil Reptiles, Amphibia and Fishes, and the Cope Pampean Collection, presented by Mr. Jesup and by a number of the Trustees of the Museum, have been referred to in previous reports.

BY EXCHANGE.

Museum of Palæontology, Munich, Bavaria. Cast of foot bones of *Amphicyon* and teeth of fossil apes from the Miocene of Europe.

Muséum de Paléontologie, Paris, France. Cast of jaw of a fossil rhinoceros.

Muséum de l'Université de Moscou, Russia. Skull and lower jaws of the extinct "Woolly" Rhinoceros.

Museum of Palæontology, Bucharest, Roumania. Casts of a gigantic *Dinotherium* jaw and of a fossil camel jaw.

Muséum de l'Université de Moscou, Russia. Casts of skull of *Elasmotherium* and of jaws and teeth of Russian Mastodons.

British Museum, London. Skeleton of a Plesiosaur, bones of an Ichthyosaur, and skull and vertebræ of a primitive crocodile, all from the Jurassic of England.

Museo Nacional, Buenos Aires, Argentina. Casts of skull, jaws, fore and hind limbs of the *Hippidium*.

Museum of Tübingen University, Germany. Series of 75 casts of bones of Triassic Dinosaurs.

Museum of Palæontology, Munich, Bavaria. Series of specimens of fossil horses, rhinoceroses and ruminants from the Miocene of Europe and of China.

Museum of Lyons University, France. Series of jaws and teeth of *Lophiodon* from the Eocene of France.

THROUGH MUSEUM EXPEDITIONS.

✓ TERTIARY OF SOUTH DAKOTA (Whitney Fund). Complete skeleton of a Three-toed Horse from the Upper Miocene, and about fifty other specimens from Oligocene and Miocene.

✓ TERTIARY OF MONTANA (Whitney Fund in part). About one hundred and fifty specimens, including skeletons of a rare *Oreodont* from the Upper Miocene, and jaws and fore and hind feet, illustrating a new stage in the evolution of the Horse.

♂ CRETACEOUS OF MONTANA. Fine skull of the gigantic three-horned Dinosaur *Triceratops*, skeletons of a rare primitive lizard, and other specimens.

♂ JURASSIC OF WYOMING. About 120 specimens of Carnivorous and Herbivorous Dinosaurs.

DEPARTMENT OF ANTHROPOLOGY.

BY DONATION.

- ✓ 3 F. J. KUHNE, New York City.
Rain hat from Sinu River, Colombia.
- ✓ 5 JOHN D. CRIMMINS, New York City.
Collection of Filipino hats.
- ✓ 7 Mrs. HENRY VILLARD, New York City.
Halibut-hook and model of a boat, from Alaska.
- ✓ 5 PEABODY MUSEUM, Cambridge, Mass.
Copy of Codex Nuttall and copy of Memoirs, Vol. I, Hieroglyphic Stairway, Ruins of Copan.
- ✓ 6 WILLIAM S. KAHNWEILER, New York City.
Collection of ethnological specimens from the Philippine Islands.
- ✓ 13 RICHARD ALLEN MARTIN, New York City.
1 Arrow-point.
- ✓ 16 F. W. GRAUERT, New York City.
Model of a balsa from Lake Titicaca.
- ✓ 17 SPEROS CONDOUNES, New York City.
Grecian pottery lamps, figurines and vases, from Sparta.
- ✓ 18 Mrs. T. K. GIBBS, Newport, R. I.
Section of wood from California from which baskets are made.
- ✓ 19 DE COST SMITH, New York City.
Indian skull and photograph of tree burial from Standing Rock, Dak.
- ✓ 21 O. W. MILLS, Millbury, Mass.
5 Photographs of implements found near Millbury.
- ✓ 22 H. C. C. LEONHAUSER, New York City.
2 Tobacco-pouches, 1 pair of snow-goggles and 7 pieces of ivory carvings from Alaska.
- ✓ 23 Dr. E. A. MEARNS, Newport, R. I.
Apache basket from San Carlos Indian Reservation, Gila River, Arizona.
- ✓ 25 GEORGE G. BOARDMAN, Centralia, Kan.
2 Philippine coins.
- ✓ 27 HEBER R. BISHOP, New York City.
Cast of a Mexican jadeite idol.
- ✓ 30 GEORGE FOSTER PEABODY, New York City.
✓ 6 2 Archæological collections from Georgia, made by Roland Steiner and J. W. T. Jones.
- ✓ 31 REV. J. W. CHAPMAN, New York City.
Belt loom from Yukon River region, and skin-dressing knife from Anvik.
- ✓ 32 JOHN T. BRAGAU, New York City.
✓ 1 Stone axe-head from North Beach, L. I.
- ✓ 33 Mrs. ELISHA H. ALLEN, New York City.
✓ 3 Pictures of Hawaiian princes.
- ✓ 34 LEVI L. MCGARRAH, Brooklyn, N. Y.
Old English brace and plane.
- ✓ 38 CAPT. JOHN A. HASSELL, New York City.
Necklace of ant-eggs from Lake Ngami, South Africa.

- ✓ WILLIAM DEMUTH, New York City.
Collection of African and Chinese pipes.
- ✓ LAMAR CRAWFORD, New York City.
Arrow-points, flakes, pipes, axe, bannerstone and pipe-stems from different localities in United States.
- ✓ MORRIS K. JESUP, New York City.
Robinson collection of copper implements from the United States.
- ✓ S. H. CHAPMAN, Philadelphia, Penn.
Drawing of a Hawaiian feather cape.
- ✓ BUREAU OF MISSIONS, New York City.
Chinese ivory ancestral tablet.
- ✓ ARCHER M. HUNTINGTON, New York City.
Sioux Indian head-dress.
- ✓ E. P. MATHEWSON, Anaconda, Montana.
Collection of stone hammers, several hafted, and various specimens from ancient copper mines in Chuquicamata, Chili.
- ✓ H. W. SETON-KARR, Wimbledon, England.
5 Palæolithic implements from Somaliland, East Africa.
- ✓ E. O. SCHERNIKOW, New York City.
Archæological collection from Costa Rica.
- ✓ JAMES C. NICOLL, New York City.
Pair of sandals and clogs from Turkey.
- ✓ JAMES TEIT, Spences Bridge, B. C.
Collection of knit designs from the Shetland Islands.
- ✓ CLARENCE B. MOORE, Philadelphia, Penn.
5 Casts of stone implements found in Florida and Alabama.
- ✓ Miss H. A. SHEARER, New York City.
1 Alaskan head-dress.
- ✓ COL. W. H. ROBINSON, Maryville, N. Dak., through Mr. Geo. Bird Grinnell.
1 Pot from Fort Yates.
- ✓ GEORGE W. MAYNARD, New York City.
Mexican serape.
- ✓ HARLAN I. SMITH, New York City.
2 Fragments of modern clay tablets from Michigan.
- ✓ GEORGE F. GALE, Ann Arbor, Mich.
1 Stone celt from Michigan.
- ✓ MRS. FREDERICK KUHNE, New York City.
1 South American Indian hat.
- ✓ PROF. F. W. PUTNAM, New York City.
1 Peruvian mummy.
- ✓ GEORGE W. MAYNARD, New York City.
Pair of Russian shoes.
- ✓ JUAN B. AMBROSETTI, Buenos Aires, S. A.
1 Ancient basket plate from Calchaqui region, Argentine Republic, S. A.
- ✓ ALFREDO CHAVERO, City of Mexico.
Post-Columbian Mexican Codex.
- ✓ ALFRED P. MAUDSLAY, England.
Plates and drawings of Maya ruins.
- ✓ JOHN W. KEITH, Puerto Limon, Costa Rica.
Bowl and human head of terra-cotta from Costa Rica.

23 PROF. FRIEDRICH HIRTH, New York City.

✓ Chinese census bulletin.

1 JUAN B. FERRAZ, San José, Costa Rica.

Collection of pottery from Costa Rica.

38 TEOBERT MALER, Merida, Yucatan.

Pottery vessels from Yucatan.

4 DUKE OF LOUBAT, Paris, France.

84 Collection of jade, gold and copper objects from Oaxaca, Mexico; an ethnological collection from the Karaja, Brazil, S. A.

5 YALE UNIVERSITY MUSEUM, New Haven, Conn.

Cast of skull of *Pithecanthropus erectus* from Java.

BY EXCHANGE.

BERLIN ROYAL ETHNOGRAPHICAL MUSEUM.

✓ 2 Plaster casts of stone objects from British Columbia.

11 M. R. HARRINGTON, New York City.

Pipe and arrow-points from Tennessee.

✓ 4 BUFFALO SOCIETY OF NATURAL SCIENCES, Buffalo, N. Y.

Archæological collection from vicinity of Buffalo.

✓ 5 PROVINCIAL MUSEUM OF VICTORIA, B. C.

Cast of a stone sculpture from North Saanich, B. C.

✓ 12 C. H. HITCHCOCK.

Bone point from shell heap at Ormond, Fla.

✓ 13 HENRY GESNER, Nyack, N. Y.

1 Bannerstone from Voorhis Point, N. Y., and 1 vase from Mississippi.

✓ 4 FIELD COLUMBIAN MUSEUM, Chicago, Ill.

84 Cast of a sculptured stone yoke from Mexico; also cast of a stone specimen found near North Saanich, B. C.

74 REV. GEORGE CORNWELL.

Ethnological collection from Chefoo, China.

BY PURCHASE.

✓ 6 1 Skull, 6 stone axes and 1 pestle from Santa Marta.

✓ 2 9 The Andrew J. Stone ethnological collection from Mackenzie River region.

✓ 3 5 The William Raff ethnological collection from the Lower Congo, Africa.

✓ 4 9 Ethnological specimens from Cameroons, Africa.

✓ 5 1 Dakota Indian buffalo-robe.

✓ 4 An Iroquois mask.

✓ 4 7 Hafted stone axe from Alaska.

✓ 3 0 Ethnological collection from the Choctaws.

✓ 5 10 Archæological specimens from Costa Rica.

✓ 4 1 African canoe.

✓ 6 2 Archæological collection from Guadeloupe.

✓ 6 3 An Iroquois wampum belt.

✓ 4 4 Skulls and 2 lower jaws from Borneo.

✓ 8 6 Blackfoot lodge, back-rests, parfleches, sacred bundle, tripods and tent-poles. Collected by George B. Grinnell.

✓ 9 2 New Guinea bow, arrows and spear.

✓ 2 8 Archæological specimens from Yucatan.

✓ 2 6 Peruvian fabrics and bronze objects.

THROUGH MUSEUM EXPEDITIONS.

JESUP NORTH PACIFIC EXPEDITION. Provided for by Morris K. Jesup.

- ✓ 1 Ethnological specimens from the Chilkotin region. Collected by James Teit.
- ✓ Attu basket, and pouch of seal-intestine, from Aleutian Islands. Collected by Miss Frances Mann.
- ✓ 20 Ethnological collection from Northeastern Siberia. Collected by Waldemar Bogoras.
- ✓ 25 Ethnological collection from Fort Rupert, B. C. Collected by George Hunt.
- ✓ 90 Ethnological collection from Siberia. Collected by Waldemar Jochelson.

EAST ASIATIC EXPEDITION. Provided for by special committee.

- ✓ 4 Ethnological collection from China. Collected by Dr. Berthold Laufer.

NORTH AMERICAN INDIAN RESEARCH.

HUNTINGTON EXPEDITION.

- ✓ 55 Collection of ethnological specimens from California. Made by Dr. Roland B. Dixon.
- ✓ 61 Collection of ethnological specimens from Klamath River region, California. Made by Dr. A. L. Kroeber.

MUSEUM EXPEDITION.

- ✓ 9 Ethnological collection from Baffin Land. Made by Capt. James S. Mutch.
- ✓ 10 Ethnological collection from the Sahaptin Indians. Made by Dr. L. Farrand.
- ✓ 12 Ethnological collection from the Sioux Indians. South Dakota. Made by Dr. Clark Wissler.
- ✓ 17 Ethnological collection from the Sauk and Fox Indians. Made by William Jones.
- ✓ 19 Ethnological collection from Southampton Island. Made by Capt. George Comer.
- ✓ 25 Ethnological collection from the Comanche and Ute Indians. Made by H. H. St. Clair, 2d.

MEXICAN EXPEDITION. Provided for by the Duke of Loubat.

- ✓ 44 Archaeological collection from Oaxaca and Valley of Mexico. Made by M. H. Saville.
- ✓ 11 Ethnological collection from Oaxaca.

HYDE EXPEDITION. Provided for by B. T. B. Hyde and F. E. Hyde, Jr.

- ✓ Archaeological and ethnological collection from Mexico and New Mexico. Made by Dr. A. Hrdlička. Also sample of earth and fragments of bones from the excavation where the "Lansing Skull" was found.

EXPLORATIONS IN THE DELAWARE VALLEY, NEW JERSEY.

- ✓ Provided for by Dr. F. E. Hyde.
- ✓ 30 Archaeological collection from near Trenton, N. J. Made by Ernest Volk.

EXPLORATIONS IN NEW YORK STATE.

- ✓ 11 Archaeological specimens and Indian skeletons from Shinnecock Hills, L. I. Collected by M. R. Harrington.

DEPARTMENT OF MINERALOGY AND CONCHOLOGY.

MINERALOGY.

BY DONATION.

✓ AMERICAN RUTILE CO., Washington, D. C. ✓

2 Specimens Rutile.

✓ Miss M. W. BRUCE, New York City. ✓

Specimens of Bementite, Calcite and Nasonite.

✓ L. W. BOYNTON, New York City. ✓

Specimens colored Clay.

✓ J. H. BATTY, New York City. ✓

Specimen of Aragonite.

BARNUM BROWN, New York City. ✓

4 Specimens of Calcite.

DR. JONATHAN DWIGHT, JR., Rye, N. Y. ✓

Mica.

✓ GEORGE L. ENGLISH & CO., New York. ✓

Specimens of Covellite and Barite.

✓ FAUQUIER COPPER CO., Fauquier Co., Va. ✓

3 Specimens of native Copper.

J. C. HARTSHORN, Boston, Mass. ✓

Specimen of Aragonite.

✓ A. E. HEIGHWAY, New York City. ✓

1 Specimen of Chrysoprase. ✓

1 Specimen of Cinnabar.

2 Bags of monazite Sand. ✓

1 Specimen of Muscovite with Lepidolite. ✓

1 " " Nephrite. ✓

1 Block of Soapstone. ✓

2 Specimens of Tourmaline. ✓

S. HERMANN, New York City. ✓

4 Cubes of Gypsum (3 in. x 3 in.).

HENRY H. HINDSHAW, Baltimore, Md. ✓

1 Specimen of Chlorite holding Garnets. ✓

1 " " Autunite on Granite. ✓

1 " " Epidote. ✓

1 " " Laumontite.

1 " " Stilbite. ✓

1 " " Thulite. ✓

1 " " Beryl in Tourmaline. ✓

GEORGE F. KUNZ, New York City. ✓

2 Specimens of Corundum.

Large specimen of Orthoclase.

✓ EDWIN R. McCARTY, New York City. ✓

3 Specimens of Mica (Muscovite).

J. A. MANLEY, New Brunswick, N. J. ✓

1 Specimen of Hancockite. ✓

2 Specimens of Nasonite. ✓

J. PIERPONT MORGAN, New York City.

A Collection of thin sections and translucent slices of Agate, many specimens of Chalcedony, Amethyst, Quartz, Jasper, Crocidolite (Tiger's Eye), Nephrite and Rhodonite, comprising 77 specimens and 3 large and beautiful cameo cuttings on the helmet shell *Cassis madagascariensis*.

✓ Ancient Agate Axe with engraved characters.

✓ 1 Star Sapphire, 541 carats.

✓ 1 Large Yellow Sapphire, 100 carats.

✓ 2 Blue and Yellow Sapphires, 21 9/16 and 21 13/16 carats.

✓ 1 Beryl (yellow), 57 9/16 carats.

✓ 2 Rubellites (Tourmaline), 40 1/8 and 11 7/32 carats.

✓ 1 Amethyst, 142 5/32 carats.

✓ Fine large specimens of amethystine Quartz encrustations.

J. NIEBLING, New York City.

✓ 1 Specimen of ligniferous Serpentine.

C. R. ORCUTT, New York City.

✓ 1 Specimen of Orthoclase.

✓ 3 Specimens of Lepidolite.

✓ 1 Specimen of silicified Palm.

✓ Specimens of Antonite (hydrated mica).

DR. H. B. PEARSON, Valdez, Alaska.

✓ 1 Specimen of Chalcocite.

✓ 1 " " Covellite.

✓ 1 " " Chalcopyrite.

✓ 1 " " Bornite.

CHAS. H. ROBBINS, New York City.

✓ 1 Specimen of Chalcopyrite and Sphalerite in Quartz.

✓ 1 " " Pyrite.

DR. W. SETON, New York City.

✓ 1 Specimen of agatized Wood (polished).

F. W. TRAPHAGEN, Montana.

✓ 9 Pieces of Corundum.

FRANCIS WATT, New York City.

✓ 7 Specimens of Manhattan Island Rocks.

J. PIERPONT MORGAN, New York City.

✓ A Collection of United States Coins.

BY EXCHANGE.

✓ 15 Specimens of Minerals.

BY PURCHASE.

✓ 54 Specimens of Minerals.

CONCHOLOGY.

BY DONATION.

✓ J. H. BATTY, New York City.

✓ 10 Valves of *Meleagrina fimbriata*.

✓ WILLIAM BEUTENMÜLLER, New York City.

✓ Specimens of *Mesodon*, *Zonites*, *Stenotrema*, *Patula*, *Ferrusacia* and *Goniobasis*.

- BROWN BROS., Nassau, Bahama. ✓
Specimens of *Orthalicus undatus* and *Thelidomus bayamensis*.
- GUY R. B. ELLIOTT, New York City. ✓
A large specimen of *Modiola modiolus*.
- GEORGE H. FELT, New York City. ✓
Specimens of *Crassatella solidissima* with young *Ostrea* attached.
- J. D. FIGGINS, New York City. ✓
Specimens of *Donax fossor*.
- S. H. HAMILTON, New York City. ✓
Specimens of *Cassis flammæ* and *C. tuberosa*.
- A. E. HEIGHWAY, New York City. ✓
Specimen of *Harpa ventricosa*.
- DR. G. H. HUDSON, Plattsburg, N. Y. ✓
3 Specimens of *Lymnæa stagnalis* and 3 specimens of *Planorbis trivolvis*.
- HYDE EXPEDITION, through G. H. PEPPER, New York City.
16 Specimens of *Arionta dupetithouarsi* and 6 specimens of *Arionta californiensis*.
- DUKE OF LOUBAT, New York City. ✓
5 Specimens of *Macoma*, 4 *Crucibulum spinosum*, 7 *Scurria mesoleuca*, 2 *Chlorostoma gallina*, 9 *Cerithidea sacrata*, 1 *Cerithium ocellatum*, 9 *Littorina planaxis*, 5 *Eupleura plicata*, 4 *Oliva reticularis*, 4 *Olivella tergina*, 1 *Chiton*.
- DR. E. A. MEARNs, Newport, Rhode Island. ✓
Specimens of *Lymnæa*, *Columbella*, *Arca*, *Purpura*, *Nassa*, *Sycotypus*, *Lunatia*, *Janacus*, *Urosalpinx*, *Littorina*, *Melampus*, *Lacuna*, *Buccinum*, *Fulgur*, *Natica*, *Solen*, *Petricola*, *Lucina*, *Astarte*, *Ostrea*, *Modiola*, *Mytilus*, *Mercenaria*, *Hemimacra*, *Thracia*, *Cytheria* and *Mya*.
- G. H. PEPPER, New York City. ✓
20 specimens of *Vivipara*.
- REV. R. B. POST. ✓
Specimens of *Helix nemoralis*, and a number of Pacific Ocean shells, including *Cypræas*, *Olives*, etc.
- SIBERIAN EXPEDITION, through N. G. BUXTON. ✓
5 Specimens of *Mytilus edulis*, 7 specimens of *Cardium nuttalli*, 2 specimens of *Mya arenaria*, 6 specimens of *Machæra*, 1 specimen of *Littorina littorea*, 7 specimens of *Purpura lapillus*, 5 specimens of *Acmæa*.
- HARLAN I. SMITH, New York City.
5 Specimens of *Unio* (two species).
- MILTON G. SMITH, New York City. ✓
4 Specimens of *Ostrea virginiana*.
- BRYANT WALKER, Detroit, Michigan. ✓
4 Specimens of *Aplexa hypnorum*.
- PROF. R. P. WHITFIELD, New York City. ✓
Small larval shells of *Macra solidissima*.
- DR. R. A. WITTHAUS, New York City. ✓
A Collection of shells comprising 68 genera, 674 species and 2,500 specimens, *Cypræa*, *Conus*, *Mitra*, *Oliva*, etc., conspicuous for the beauty and completeness of the species of *Cypræa*.

BY EXCHANGE.

✓ D. W. FERGUSON, Brooklyn, N. Y.

14 Specimens of *Helix nemoralis*.

✓ SLOMAN ROUS, Brooklyn, N. Y.

61 Specimens, representing 9 genera, 12 species of shells.

BY PURCHASE.

✓ Y. HIRASE, Kyoto, Japan.

Land Shells, representing 15 genera.

Marine Shells, representing 21 genera.

DEPARTMENT OF INVERTEBRATE ZOÖLOGY.

INVERTEBRATES.

BY DONATION.

✓ DR. CARL GISSLER, Brooklyn, N. Y.

About 100 Internal and External Parasites.

✓ JOHN HISCOX, New York City.

1 California Crab, 1 Lobster, 1 Horseshoe Crab, 1 Squid.

✓ ALEŠ HRDLÍČKA, New York City.

1 Squilla.

✓ NEW YORK AQUARIUM, New York City.

1 Lobster.

✓ SLOMAN ROUS, Jersey City, N. J.

1 Specimen of *Peripatus*.

✓ U. S. COMMISSION OF FISH AND FISHERIES, through HON. GEORGE

M. BOWERS, Washington, D. C.

21 Actinians.

✓ W. C. KOSTER, Hastings-on-Hudson, N. Y.

1 Stomatopod.

✓ C. R. ORCUTT,

Miscellaneous Invertebrates.

✓ C. F. NEWCOMBE,

Miscellaneous Invertebrates.

✓ THOMAS STEEL, Sydney, New South Wales.

8 Specimens of *Peripatus*.

✓ R. P. WHITFIELD, New York City.

1 Crustacean.

✓ DUKE OF LOUBAT, Paris, France.

Miscellaneous Invertebrates.

BY PURCHASE.

✓ Rock-boring Echinus.

2 Specimens of Giant Crab.

✓ A Collection of Crustaceans.

✓ A Collection of Coelenterates.

THROUGH MUSEUM EXPEDITIONS.

- ✓ Miscellaneous Invertebrates. Collected by Messrs. Sherwood and Figgins.
✓ 1 Crustacean. Collected by Waldemar Bogoras.

REPTILES AND BATRACHIANS.

BY DONATION.

NEW YORK ZOÖLOGICAL SOCIETY, New York City.

- 1 Pinesnake, 2 Bullsnares, 3 Turtles, 2 Galapagos Turtles, 1 Abyssinian Turtle, 3 Pythons, 1 Gila Monster, 1 Crocodile, 1 Anaconda, 1 Giant Salamander, 1 Blacksnake, 1 Australian Monitor.

NEW YORK AQUARIUM, New York City.

- 3 Turtles, 1 Alligator, 1 Snapping Turtle, 1 Crocodile, 1 Box Turtle.

DEPARTMENT OF PARKS, New York City.

- 1 Blacksnake, 1 Python, 2 Snakes, from the Central Park Menagerie.

FREDERICK TAYLOR, F.R.G.S.

- 1 Snakeskin.

BRUCE HORSFALL, Red Bank, N. J.

- 7 Snakes, 4 Frogs.

MRS. C. N. CAMPBELL, Poughkeepsie, N. Y.

- 1 Alligator, mounted.

G. B. HOWES, London, England.

- 1 Sphenodon embryo.

H. R. BISHOP, New York City.

- 1 Turtle head, mounted.

EDWARD KEMBLE, New Rochelle, New York.

- 1 Box Turtle.

DUKE OF LOUBAT, Paris, France.

- Collection of Reptiles and Batrachians from Mexico.

ALEŠ HRDLÍČKA, New York City.

- 1 Gila Monster.

OTTO F. PFORDTE, Rutherford, N. J.

- 5 Snakes.

C. CHRISTMAN, New York City.

- 4 Salamanders.

LOUIS F. ARMITAGE, Auckland, New Zealand.

- 5 Sphenodon embryos.

BY PURCHASE.

- ✓ Collection of Reptiles.
✓ 1 Galapagos Lizard.
✓ 3 Iguanas.

FISHES.

BY DONATION.

NEW YORK AQUARIUM, New York City.

- 1 Speckled Hind, 1 Moonfish, 1 Croaker, 1 Garpike, 2 Trunkfish, 1 Angelfish, 1 Amberfish, 1 Filefish, 1 Niggerfish, 1 Sea-rayen, 1 Squirrelfish, 1 Carp, 2 Parrotfish, 1 Salmon Trout, 2 Rainbow Trout, 2 Trout, 1 Spotted Moray, 1 Tiger Rockfish, 1 Remora, 1 Cowfish, 1 Whitefish, 2 Weakfish, 5 Fishes, 1 Sturgeon.

JOHN HISCOX, New York City.

3 Sunfish, 1 Yellow Pike, 1 Brook Pike, 1 Pickerel, 2 Sea-horses, 2 Garfishes, 1 Goosefish, 3 Fishes.

ANATOMICAL LABORATORY, Brown University, Providence, R. I.

3 Lamprey Eels.

U. S. COMMISSION OF FISH AND FISHERIES, through Hon. GEORGE M. BOWERS, Washington, D. C.

1 Specimen of Shad (co-type).

20 Specimens of *Mistichthys luzonensis* (co-types).

MRS. ALICE MAULE, New York City.

1 Sea-raven.

H. R. BISHOP, New York City.

1 Jewfish.

DUKE OF LOUBAT, Paris, France.

Collection of Fishes from the Gulf of California.

CAPT. A. F. HOLMES,

Saw of Sawfish.

F. A. HOLMES, New York City.

1 Fish.

THROUGH MUSEUM EXPEDITIONS.

100 Fishes of Woods Hole. Collected by Messrs. Sherwood and Figgins.

DEPARTMENT OF ENTOMOLOGY.

BY DONATION.

VERY REV. E. A. HOFFMAN, New York City.

180 Butterflies from South America.

DR. K. JORDAN, Tring, England.

4 Species of *Papilio*.

SADAZUCHI UCHIDA, New York City.

A collection of Japanese butterflies.

OTTO SEIFERT, New York City.

10 *Vanessa milberti*, from the Catskills, N. Y.; 14 *Arctia radians* and 2 *Arctace punctistriga*, from Florida; a collection of flies from New York.

CARLOS WERKELE,

A Collection of insects from Costa Rica, C. A.

L. W. FABER, New York City.

A collection of butterflies from Brazil.

CAPT. WIRT ROBINSON, West Point, New York.

A number of beetles from Jamaica.

W. T. DAVIS, Staten Island, N. Y.

1 *Homoglaea carnosa*.

CHARLES W. LENG, Staten Island, N. Y.

8 *Cicindela wagneri*, 1 *Cicindela violacea*, 4 *Cicindela cumatilis*, from Louisiana; 4 *Buprestis aurulenta*, 3 *Amphicoma staffi*, 1 *Buprestis langii*, from Oregon.

ELIAS ROY, Levis, Canada.

4 *Cassida viridis*.

- ✓ J. R. DE LA TORRE BUENO, New York City.
 4 *Notonecta undulata*, 4 *Notonecta undulata*, var. *maculata*; 4 *Notonecta undulata*, var. *charops*; 4 *Notonecta variabilis*, 2 *Notonecta irrorata*, 4 *Anisops platynemis*.
- ✓ HUGO PFORDTE, Rutherford, N. J.
 A collection of beetles from South America.
- ✓ BARNUM BROWN, New York City.
 A collection of *Diptera* from Patagonia.
- ✓ PROF. J. B. SMITH, New Brunswick, N. J.
 1 *Rhododipsa masoni*, from Florida; 1 *Aleptina inca*, from Arizona;
 1 *Oxycnemis fusimacula*, co-type.
- ✓ O. C. POLING, Quincy, Illinois.
 4 *Catocala junctura*, 4 *Catocala babayaga*, 8 *Catocala lacrymosa*, 4 *Catocala chelidonia*, 3 *Catocala andromache*, 2 *Thecla ilavia*.
- ✓ N. G. BUXTON.
 A number of insects from Gichiga, northeast Siberia.
- ✓ PROF. S. WOLF, New York City.
 1 *Plusia* from New Hampshire.
- ✓ M. LEROY, Barbadoes.
 A collection of moths from Barbadoes.

BY EXCHANGE.

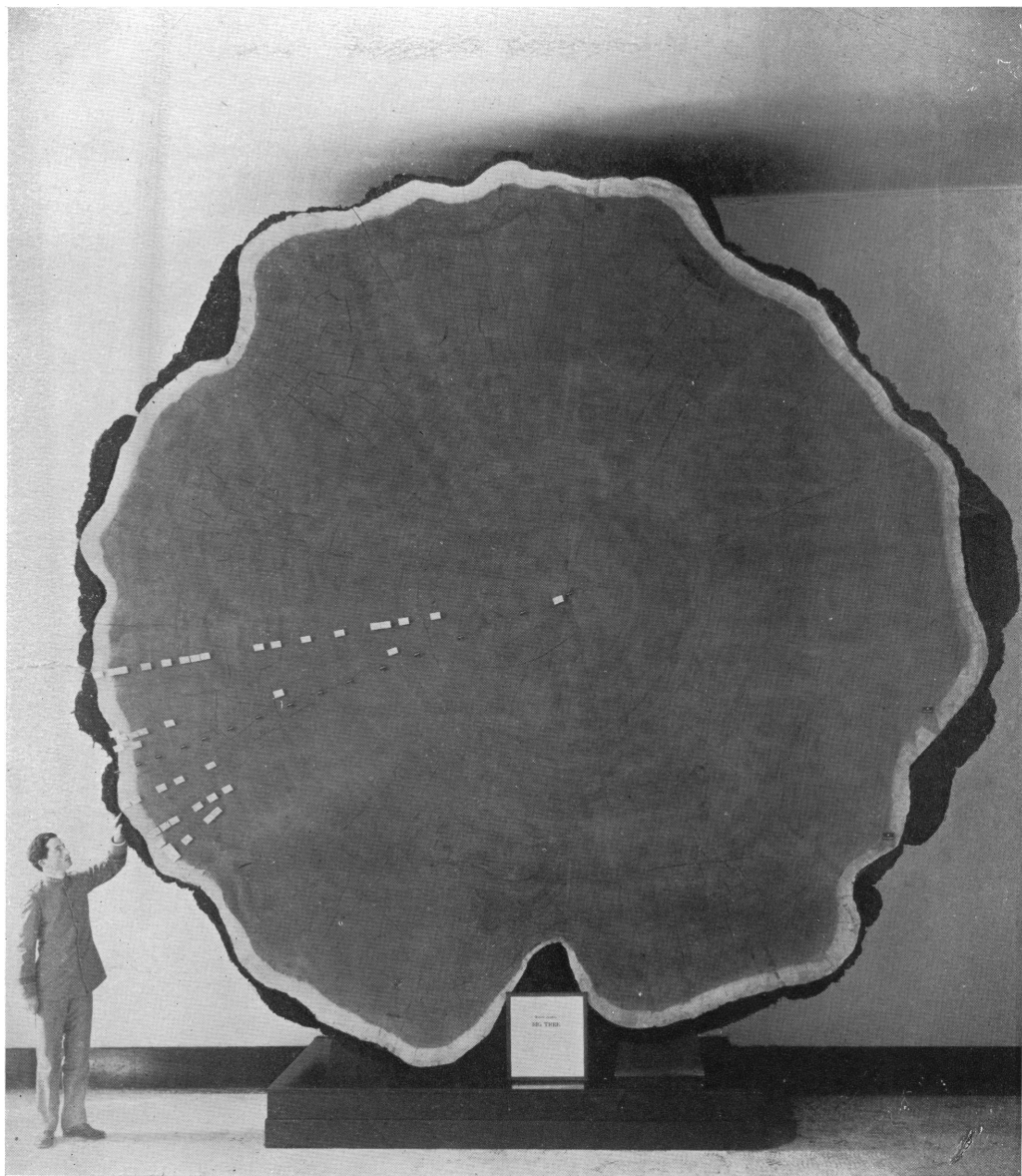
A collection of beetles from Sonora, Mexico.

BY PURCHASE.

- 1 *Hypocephalus armatus*, from Bahia, Brazil.
 42 Blind beetles from the caves in Austria.
 4 Transformations of moths from Argentina.
 A collection of insects from Sumatra.
 32 *Cicindelidæ*.
 4 Beetles from Brazil.
 168 Inflated Caterpillars.

THROUGH MUSEUM EXPEDITIONS.

- ✓ 7,000 Specimens from the Black Mountains, N. C. Collected by William Beutenmüller. *Gift H. C. A. Holman*



THE SECTION OF THE "BIG TREE" IN THE MUSEUM

The uppermost series of cards represents events in General History ;
 The light cards immediately below represent changes of thought in the Philosophy of
 Biology ;
 The small black cards mark the succession of centuries in the life of the tree ;
 Of the cards below the black,
 The first row indicates the advance of General Biology ;
 The second, that of Comparative Anatomy ;
 The third (one card), the discoveries of Paleontology ;
 The fourth, the progress of Embryology.

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, Chas. 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 take and hold by gift, device, bequest, purchase or lease, either absolutely or in trust, for any purpose comprised in the objects of the Corporation, any real or personal estate, necessary or proper for the purposes of its incorporation.¹

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.*

¹ As amended by Chapter 303, Laws of 1898, of the State of New York, entitled "An Act to amend chapter one hundred and nineteen, laws of eighteen hundred and sixty-nine, entitled 'An Act to incorporate the American Museum of Natural History,' relative to its charter."

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 or accepted resignation 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, 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 of 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 shall 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 offices of Secretary and Assistant Treasurer may be held by the same person.

ARTICLE VI.

The Executive Committee shall consist of nine Trustees, 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. They shall have the books of the Museum duly audited, at least once in six months, by an authorized public accountant to be selected by them.

No bills shall be paid unless approved, in writing, by the President, the Chairman of the Executive Committee, or the Director.

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 \$1,000 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 \$1,000, 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.

BY THE LEGISLATURE.

CHAPTER 246.

An Act to authorize a further appropriation for the maintenance of the American Museum of Natural History in the Central Park of the City of New York.

ACCEPTED BY THE CITY.

Became a law March 26th, 1902, with the approval of the Governor.

Passed, three-fifths being present.

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

SECTION 1. The Board of Estimate and Apportionment of The City of New York may annually in its discretion include in the budget for the then next ensuing financial year a sum not exceeding twenty-five thousand dollars to be applied by the department of parks of said city through the Commissioner of Parks for the Boroughs of Manhattan and Richmond for keeping, preparing, preserving and exhibiting the collections in the buildings in the Central Park in the said city that are now or hereafter may be occupied by the American Museum of Natural History in addition to the sum or sums now authorized by law for such purposes.

2. 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. (Signed),

JOHN T. McDONOUGH,

Secretary of State.

LEGAL ENACTMENTS OF 1902.

BY THE BOARD OF ALDERMEN.

An Ordinance to provide for an issue of Corporate Stock in the sum of two hundred thousand dollars (\$200,000) the proceeds to be used to provide means for the construction and installation of a new heating and lighting plant for the American Museum of Natural History, in the Borough of Manhattan.

Be it ordained by the Board of Aldermen of the City of New York, as follows:

SECTION 1. The Board of Aldermen hereby approves of and concurs in the following resolution adopted by the Board of Estimate and Apportionment June 13, 1902, authorizing the Comptroller to issue Corporate Stock of The City of New York to the amount and for the purposes therein specified.

“*Resolved*, That, pursuant to the provisions of Section 47 of the amended Greater New York Charter, the Board of Estimate and Apportionment hereby approves of the issue of bonds to an amount not exceeding two hundred thousand dollars (\$200,000), for the purpose of providing means to pay for the construction and installation of a new heating and lighting plant for the American Museum of Natural History, in the Borough of Manhattan, and that when authority therefore shall have been obtained from the Board of Aldermen, the Comptroller is authorized to issue Corporate Stock of The City of New York in the manner provided by Section 169 of the Greater New York Charter, as amended by Chapter 563 of the Laws of 1902, to an amount not exceeding two hundred thousand dollars (\$200,000), the proceeds thereof to be applied to the purposes aforesaid.”

Adopted by the Board of Aldermen July 22, 1902, a majority of all the members elected voting in favor thereof.

Approved by the Mayor July 30, 1902. (Signed),

P. J. SCULLY, *Clerk.*

PATRONS.

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.*
 ABRAHAM S. HEWITT.
 C. VANDERBILT.*
 J. PIERPONT MORGAN.
 CHARLES LANIER.
 D. JACKSON STEWARD.*
 EDWARD CLARK.*
 A. G. PHELPS DODGE.
 JAMES BROWN.*
 A. T. STEWART.*
 S. WHITNEY PHENIX.*
 BENJAMIN H. FIELD.*
 WILLIAM T. BLODGETT.*
 OLIVER HARRIMAN.
 ROBERT BONNER.*
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 ALEXANDER STUART.*
 WILLIAM A. HAINES.*
 BENJAMIN AYMAR.*
 RICHARD ARNOLD.*
 JOSEPH H. CHOATE.
 JONATHAN THORNE.*
 Miss PHEBE ANNA THORNE.
 D. O. MILLS.
 JOHN A. C. GRAY.*
 HEBER R. BISHOP.*
 CHAS. G. LANDON.*
 WILLIAM E. DODGE.

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

* Deceased.

HENRY SELIGMAN.
 RICHARD T. WILSON.
 JOHN E. PARSONS.
 FRANCIS O. MATTHIESSEN.*
 A. J. FORBES-LEITH.
 GEORGE BLISS.*
 M. C. D. BORDEN.
 ARCHIBALD ROGERS.
 GEORGE C. COOPER.*
 MRS. M. SCHUYLER ELLIOT.
 APPLETON STURGIS.*
 THEODORE A. HAVEMEYER.*
 WILLIAM C. WHITNEY.
 GEORGE G. HAVEN.
 JAMES BAKER SMITH.*
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 HENRY VILLARD.*
 DR. WM. PEPPER.*
 AUSTIN CORBIN.*
 ANSON W. HARD.
 GUSTAV E. KISSEL.
 ELBRIDGE T. GERRY.
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 JONATHAN THORNE.
 VICTOR CORSE THORNE.
 EDWIN THORNE.
 JOEL WOLFE THORNE.
 W. M. DONGAN DE PEYSTER.
 HICKS ARNOLD.
 J. PIERPONT MORGAN, JR.
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 ALEXANDER I. COTHEAL.*

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 B. T. BABBITT HYDE.
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 L. P. DI CESNOLA.
 GEORGE DEXTER BRADFORD.*
 HENRY O. HAVEMEYER.
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 DR. FREDERICK E. HYDE.
 MRS. JOHN B. TREVOR.
 WM. SCHAUS.
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 PHILLIPE MARCOU.
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 PERCY R. PYNE.
 EDWIN H. WEATHERBEE.
 MISS SUSAN DWIGHT BLISS.
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 MRS. C. P. HUNTINGTON.
 ARCHER M. HUNTINGTON.
 GEORGE FOSTER PEABODY.
 JOHN D. ROCKEFELLER.
 JOHN D. ROCKEFELLER, JR.
 JACOB H. SCHIFF.
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 JOHN T. TERRY, JR.
 MRS. F. F. THOMPSON.
 ANDREW E. DOUGLASS.*
 VERY REV. E. A. HOFFMAN, D. D., LL. D.*
 HAROLD GARRISON VILLARD.

FELLOWS.

SAMUEL WILLETS.*
 ROBERT GORDON.
 HOWARD POTTER.*
 C. V. S. ROOSEVELT.*
 CHARLES W. GRISWOLD.*

SAMUEL F. B. MORSE.*
 RUTHERFORD STUYVESANT.
 MEREDITH HOWLAND.*
 MARSHALL O. ROBERTS.*
 JOHN ALSTYNE.*

* Deceased.

O. B. POTTER.*
 HON. LEVI P. MORTON.
 HANSON K. CORNING.*
 STEWART BROWN.*
 ABRAM DUBOIS.*
 TIFFANY & CO.
 LUCIUS TUCKERMAN.
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 CHARLES W. CASS.*
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 WILLIAM LIBBEY, JR.
 ROBERT LENOX KENNEDY.*
 F. R. HALSEY.
 CYRUS W. FIELD, JR.*
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 D. B. IVISON.
 H. MCK. TWOMBLY.

HENRY G. MARQUAND.*
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 Miss LAURA P. HALSTED.
 ROBERT S. BREWSTER.
 JOHN L. CADWALADER.
 WM. EARLE DODGE, 3RD.
 WM. LANMAN BULL.

LIFE MEMBERS.

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 G. B. AGNEW.
 JOHN E. ALEXANDRE.
 RICHARD H. ALLEN.
 CONSTANT A. ANDREWS.
 MRS. BLANCHE L. ANDREWS.
 B. G. ARNOLD.
 JOHN JACOB ASTOR.
 J. T. ATTERBURY.
 SAMUEL P. AVERY.
 SAMUEL P. AVERY, JR.
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Miss E. AYMAR.
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 JAS. MUHLENBERG BAILEY.
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 HENRY I. BARBEY.
 THOMAS BARING.
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 J. O. BARTHOLOMEW.
 W. H. BEADLESTON.*
 GEORGE E. BELCHER, M.D.*
 BERTRAND F. BELL.

*Deceased.

C. M. BELL, M.D.*
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 THEODORE BERDELL.*
 SAMUEL R. BETTS.
 FREDERICK BILLINGS.
 CORNELIUS N. BLISS.
 Miss CATHERINE A. BLISS.
 GEORGE BLUMENTHAL.
 A. K. BOLAN.
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 Mrs. WM. H. BRADFORD.
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 WILLIAM BREWSTER.
 CHAS. P. BRITTON.
 ADDISON BROWN.
 FRANK G. BROWN.*
 GEORGE H. BROWN.
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 JOSEPH BUSHNELL.
 THOMAS C. BUSHNELL.*
 JOHN L. CADWALADER.
 Mrs. ALEX. CAMERON.
 CHAS. M. CAULDWELL, M.D.
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 HENRY CHAUNCEY.
 HUGH J. CHISHOLM.
 E. DWIGHT CHURCH.
 FREDERIC E. CHURCH.*
 LESTER B. CHURCHILL.
 BANYER CLARKSON.
 GEORGE C. CLAUSEN.
 TREADWELL CLEVELAND.
 HENRY CLEWS.
 CHARLES L. COLBY.*
 W. W. COLE.
 BIRD S. COLER.
 EDWARD COLGATE.*
 WILLIAM COLGATE.
 Miss GEORGETTE T. A. COLLIER.
 Miss ELLEN COLLINS.
 SAMUEL D. COLLINS.

Mrs. WILLIAM COMBE.
 FRED. H. COMSTOCK.
 WASHINGTON E. CONNOR.
 CHARLES H. CONTOIT.*
 WM. L. CONYNNGHAM.
 HENRY H. COOK.
 EDWARD COOPER.
 THEODORE COOPER.
 JOHN J. CORNING.
 Mrs. SALLY MORRIS CORY.
 ALEX. I. COTHEAL.*
 Miss ELLEN H. COTHEAL.
 S. D. COYKENDALL.
 ZENAS CRANE.
 FREDERIC CROMWELL.
 JAMES CRUIKSHANK.*
 A. DALRYMPLE.*
 CHAS. M. DA COSTA.*
 HENRY J. DAVISON.*
 THOMPSON DEAN.*
 E. J. DE COPPET.
 GEORGE B. DE FOREST.
 S. DEJONGE.
 ALBERT DELAFIELD.
 EUGENE DELANO.
 WILLIAM DEMUTH.
 F. W. DEVOE.
 ANTHONY DEY.
 J. H. DEMOTT.*
 CLEVELAND H. DODGE.
 NORMAN W. DODGE.
 PETER DOELGER.
 PETER DONALD.
 E. J. DONNELL.*
 ANDREW E. DOUGLASS.*
 JAMES DOUGLAS.
 Miss ETHEL DU BOIS.
 WILLIAM A. DU BOIS.
 R. G. DUN.*
 WM. BUTLER DUNCAN.
 JAMES H. DUNHAM.*
 Mrs. DAVID S. EGGLESTON.
 GEORGE EHRET.
 CARL EICKEMEYER.
 AMBROSE K. ELY.

* Deceased.

EDWARD J. FARRELL.
CORTLANDT DE PEYSTER FIELD.
JOHN FITCH.
WM. L. FLANAGAN.*
PROF. A. E. FOOTE.*
JAMES B. FORD.
JAMES FRASER.*
C. LINCOLN FREE.
FRANCIS P. FREEMAN.*
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 Morris, Miss E. Van C.
 Morris, Mrs. A. Newbold
 Morris, Theo. Wilson
 Morrison, Edward A.
 Morrison, George A.
 Mortimer, Dr. W. G.
 Moss, John H.
 Mote, Henry
 Mott, Henry C.
 Mount, Mrs. M. L.
 Muller, Carl
 Murray, F. W., M.D.
 Murray, J. Irvin, Jr.

 Navarro, Juan N.
 Nelson, Frank G.
 Nelson, Mrs. S. B.

Nelson, William
 Nichols, George L.
 Nichols, John W. T.
 Nicholson, Miss B. M.
 Nicholson, Miss Maud
 Nisbet, William F.
 Norris, Henry D.
 North, Thomas M.
 Notman, George
 Nott, Frederick J.
 Nourse, Jr., C. J.
 Noyes, Miss Anna M.
 Nugent, Frank L.

 Obrig, Adolph
 Ochs, Adolph S.
 Oettinger, P. J.
 Ogilvie, James H.
 Olcott, E. E.
 Olcott, F. P.
 Olcott, Geo. M.
 Ollive, Thos. S.
 Olyphant, R. M.
 Olyphant, Robert
 Oppenheimer, Dr. H. S.
 Osborn, Wm. F.
 Otis, A. Walker
 Oudin, Lucien.
 Owen, Miss Juliette A.
 Owens, Wm. W.
 O'Connor, Thomas D.
 O'Rourke, John F.

 Packard, Mrs. S. S.
 Paddock, Charles H.
 Paddock, Eugene H.
 Palmer, Francis F.
 Palmer, N. F.
 Palmer, S. S.
 Park, Joseph
 Parker, Forrest H.
 Parish, Miss H.
 Parrish, James C.
 Parsell, Henry V. A.
 Parsons, Mrs. Edwin
 Parsons, Herbert

Parsons, W. H.
 Patterson, Hon. Edward
 Patterson, Miss C. H.
 Peabody, George Foster
 Pearsall, T. W.
 Peck, Charles E.
 Pell, Frederick A.
 Pell, Stephen H. P.
 Pellew, Henry E.
 Penfold, Wm. Hall
 Penniman, George H.
 Pentz, Frank R.
 Perkins, George W.
 Perry, Chas. J.
 Perry, William A.
 Peters, Edward McClure
 Peters, Samuel T.
 Peterson, Fred'k, M.D.
 Peterson, Mrs. Wilson
 Pfeiffer, Curt G.
 Phelps, Geo. B.
 Philbrick, E. C.
 Philips, Mrs. F. Stanhope
 Phillips, Guy
 Pickering, Henry G.
 Pickhardt, Carl
 Pine, John B.
 Pinkus, F. S.
 Platt, Isaac S.
 Platt, John R.
 Platt, Mrs. Emma H.
 Platzek, M. Warley
 Plympton, Gilbert M.
 Poggenburg, H. F.
 Pond, Warren
 Poor, Mrs. Chas. Lane
 Pope, Sylvester
 Porter, E. H., M.D.
 Porter, H. H.
 Porter, Wm. H.
 Post, Abram S.
 Potter, Frederick
 Potter, Mrs. Henry C.
 Potter, Miss Martha
 Powel, de Veaux
 Powell, Wilson M.

- Prince, J. Dyneley
 Pryer, Charles
 Purdy, Wm. Macneven
 Putnam, George L.
 Putnam, Mrs. Albert E.
 Putney, W. B.
 Pyle, Jas. Tolman
 Pyle, Wm. S.
 Pyne, M. Taylor

 Quinby, J. R.
 Quintard, George W.

 Rawson, Edward S.
 Raymond, Charles H.
 Read, Wm. A.
 Rees, Norman I.
 Reilly, James
 Reimer, Otto E.
 Remick, Albert
 Remick, W. H.
 Renwick, Edward S.
 Reynolds, John B.
 Rhineland, Chas. E.
 Rhineland, Miss S.
 Rhoades, J. Harsen
 Rhodes, Bradford
 Richard, Auguste
 Riker, John L.
 Riker, Samuel
 Riker, Wm. J.
 Robert, J. Eugene
 Roberts, Miss Mary M.
 Robertson, Miss J.
 Robinson, Mrs. John A.
 Rogers, Henry H.
 Rogers, James H.
 Rogers, Noah C.
 Roosevelt, Robert B.
 Roosevelt, W. Emlen
 Root, Elihu
 Rosenbaum, H. C.
 Rossiter, E. V. W.
 Rothschild, J.
 Rowell, George P.

 Rowland, George
 Rowland, George
 Runyon, Charles
 Ruprecht Philip
 Russak, Jacob
 Rutter, Robert
 Ryniker, Henry J.

 Sabin, Joseph F.
 Sachs, Harry
 Sackett, Mrs. W. H.
 Saltus, J. Sanford
 Sands, Andrew H.
 Sands, Daniel C.
 Sands, Mrs. B. Aymar
 Sands, Wm. R.
 Sauter, Fred.
 Schaefer, Edward C.
 Schaefer, Geo. G.
 Schafer, Samuel N.
 Schaller, Otto
 Schefer, Carl
 Schell, Miss Mary E.
 Schermerhorn, J. E.
 Schieffelin, William J.
 Schiff, Mortimer L.
 Schirmer, Gustave
 Schley, Grant B.
 Schloss, Henry W.
 Schott, Charles M., Jr.
 Schrader, John C.
 Schramm, Arnold
 Schultze, John S.
 Schurz, Miss Marianne
 Schwab, L. Henry
 Schwarz, Henry F.
 Screven, John H.
 Scribner, Mrs. J. Blair
 Scudder, Hewlett
 Scudder, Moses L.
 Scudder, S. D.
 Seabury, Geo. J.
 Seagrist, Francis K.
 Seaman, Louis L., M.D.
 See, Mrs. Horace

 Seligman, George W.
 Seligman, Isaac N.
 Sellow, T. G.
 Seton, William
 Shardlow, Joseph
 Shattuck, A. R.
 Sheehy, W. H.
 Sherman, Charles A.
 Sidenberg, Gustavus
 Sidenberg, Richard
 Siegel, Jacob
 Simpson, C. D.
 Simpson, John Boulton
 Simpson, J. F.
 Simpson, John W.
 Sinclair, John
 Slade, Francis Louis
 Slattery, James
 Sloan, Samuel
 Smillie, Charles F.
 Smith, Charles S.
 Smith, Dr. Geo. DeF.
 Smith, Mrs. George W.
 Smith, James Rufus
 Smith, Rev. Cornelius B.
 Smith, William Alex.
 Smith, W. Wheeler
 Snow, Elbridge G.
 Sondheimer, Julius
 Southack, Frederick
 Spadone, Amadee
 Speir, Archibald W.
 Spencer, Samuel
 Spitzner, Geo. W.
 Spring, Miss Anna R.
 Squibb, Edw. H., M.D.
 Stanton, John
 Stanton, J. R.
 Starin, John H.
 Starr, M.A., M.D., LL.D.
 Stearns, John Noble
 Stearns, Louis
 Stebbins, Jas. H.
 Steers, Henry
 Steers, James R.
 Steinway, Fred. T.

Stephens, Benjamin	Titus, E., Jr.	Warren, John Hobart
Stern, Benjamin	Toel, William	Warren, Samuel D.
Sternberger, Maurice M.	Tonnelle, John L.	Washburn, John H.
Stewart, Lisenard	Toothe, William	Waterbury, John I.
Stewart, William R.	Tousey, William	Watson, Miss Emily A.
Stickney, Joseph	Towle, Miss Mary J.	Watson, Rev. J. Henry
Stiehl, Gustav H.	Townsend, R. H. L.	Weatherbee, Mrs. E. H.
Stillman, T. E.	Tracy, J. Evarts	Weber, Dr. Leonard
Stone, Edwin	Trevor, H. G.	Weed, Geo. E.
Stone, Mason A.	Turnure, George E.	Wehrhane, Chas.
Stone, Mrs. Georgiana C.	Twombly, H. McK.	Weidenfeld, Camille
Stone, Sumner R.	Tyroler, James	Wellington, A. H.
Storm, Clarence	Ullmann, E. S.	Welsh, S. Charles
Storm, George	Underhill, Jacob B.	Wenman, James F.
Stratford, Wm.		Wentz, James M.
Sturges, Henry C.		Wertheim, H. P.
Sturgis, F. K.	Valentine, Mrs. Lawson	Westcott, Robert E.
St. John, Wm. M.	Valentine, W. A., M.D.	Westinghouse, George
Sulzberger, Cyrus L.	Van Brunt, Hon. C. H.	Weston, Edward
Sutphen, John S., Jr.	Van Brunt, Cornelius	Westover, Myron F.
Sutro, Mathilde E.	Van Emburgh, D. B.	Wetherill, Mrs. J. B.
	Van Ingen, Edward H.	Wetmore, Dr. J. McE.
Tag, Albert	Van Nest, Mrs. Alex. T.	Whearty, Daniel C.
Taggart, Rush	Van Norden, Warner	Wheelock, G. G., M.D.
Tailer, Edward N.	Van Norden, Warner M.	Wheelock, Wm. A.
Taintor, Charles N.	Van Nostrand, Chas. B.	White, Horace
Talcott, James	Van Vleck, Joseph	White, John Jay, Jr.
Talmadge, Henry	Van Winkle, Miss E. S.	White, Miss Caroline
Taylor, Mrs. Aug. C.	Van Winkle, Edgar B.	Whitehead, Charles E.
Taylor, George	Veit, Richard C.	Whitehouse, J. Henry
Taylor, Stevenson	Vermeule, John D.	Whitin, Lewis F.
Tefft, Wm. E.	Völker, John P.	Whiting, Giles
Tesla, Nikola	Vogel, Herman	Whitman, Clarence
Thayer, H. B.	Vredenburg, Wm. H.	Wicke, William
Thomas, T. G., M.D.		Wickes, Edward A.
Thompson, J. Walter	Wagner, Frederic C.	Wickham, Delos O.
Thompson, L. S.	Walcott, A. S.	Wilbur, M. T.
Thompson, W. Prall	Walker, William I.	Willcox, David
Thomson, Giraud F.	Walker, W. W., M.D.	Williams, Blair S.
Thomson, Mrs. Eugene	Wallace, Lewis	Williams, George G.
Thorne, W. V. S.	Wallach, Antony	Williams, Richard H.
Thorp, John R.	Wallach, Leopold	Wills, Charles T.
Tierney, Myles	Warburg, F. M.	Wills, Wm.
Tiffany, Louis C.	Ward, Henry C.	Wilson, George
Tiffany, Rev. C. C.	Wardwell, Wm. T.	Wilson, Geo. T.
Timpson, James	Warner, Lucien C.	Wilson, Henry R.

Wilson, John	Wood, Mrs. Cynthia A.	Youmans, Ephraim M.
Wilson, Washington	Wood, Henry R.	Young, Edward L.
Wing, John D.	Wood, Wm. C.	Young, E. F. C.
Winthrop, Egerton L.	Wormser, Isidor	
Wintrich, Herman F.	Wray, Miss Julia	Zabriskie, Andrew C.
Witherbee, Frank S.	Wright, Miss F. E.	Zickel, S.
Wolfe, Anzonetta B.	Wright, Mrs. J. Hood	Zinsser, Aug.
Wolff, Emil	Wurzbürger, A.	Zinsser, Wm., Jr.
Wolff, Lewis S.		Zollikoffer, O. F.

DECEASED ANNUAL MEMBERS, 1902.

Babcock, S. D.	Guernsey, Joseph R.	Pell, John H.
Bouton, J. W.	Hartley, Marcellus	Schafer, Simon
Bunzl, Mrs. J.	Isaacs, Montefiore	Scheitlin, Edward
Calman, Emil	Jaffray, Robert	Southworth, Edward W.
Carter, A.	Jesup, James R.	Tillinghast, W. H.
Compton, A. T.	Knower, Benjamin	Townsend, R. W.
Coulter, Charles J.	Lewishon, Leonard	Wales, Salem H.
Day, Henry	Lord, Benjamin	Walker, Mrs. Evan T.
Godkin, Edwin L.	Metcalfe, John T., M.D.	Webb, Mrs. Wm. H.
Goodridge, Mrs. Fred'k		

In Memoriam.

At the Annual Meeting of the Trustees of The American Museum of Natural History, held on the ninth day of February, 1903, the President announced the death of their late associate, Mr. Abram Stevens Hewitt, and feelingly referred to the able and valuable service given by the deceased in the upbuilding and development of the Museum, while a Trustee, during a period of twenty-nine years. The following minute offered by the President, was unanimously adopted, and the Secretary was directed to present a copy to the family of the deceased.

The Trustees of The American Museum of Natural History, at this their first meeting after the death of their beloved associate and member, Abram Stevens Hewitt, affectionately place the following minute upon their records:

"Mr. Hewitt became a member of this Board in the year 1874, when the Museum occupied the Arsenal Building in Central Park. He was identified with the selection of the Building site on Manhattan Square. He witnessed the laying of the corner-stone, and he has shared with us the responsibilities incidental to the growth of the institution to its present proportions. For more than a quarter of a century, and almost to the time of his death, January eighteenth, our deliberations have felt his encouraging influence. He has been a generous contributor, a loyal patron, a wise counselor and a sympathetic colleague. But in our sense of his loss to the American Museum, we do not forget his larger interests, defined by him as the 'welfare of his fellow-citizens.' Of comprehensive knowledge and broad experience, his mind was

alert, his intuition correct, his judgment quick, his speech incisive, his action final. Mere expediency exercised no influence over duty, and convictions were invariably supported by absolute fearlessness. When an individual combines such qualities as these, his removal is a real loss not to his friends alone, but to the people, the city, the state, the country, and, indeed, we may well say to the entire world. Though we may no longer listen to the charm of his conversation, or continue in the enjoyment of his congenial companionship, we feel that we are better for having known him, and we cherish his memory."