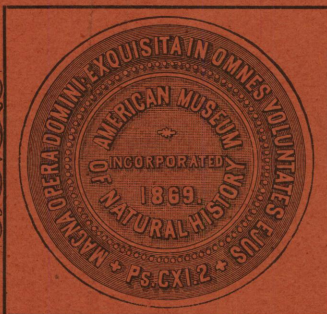


THE
American Museum of Natural History

CENTRAL PARK, NEW YORK CITY.

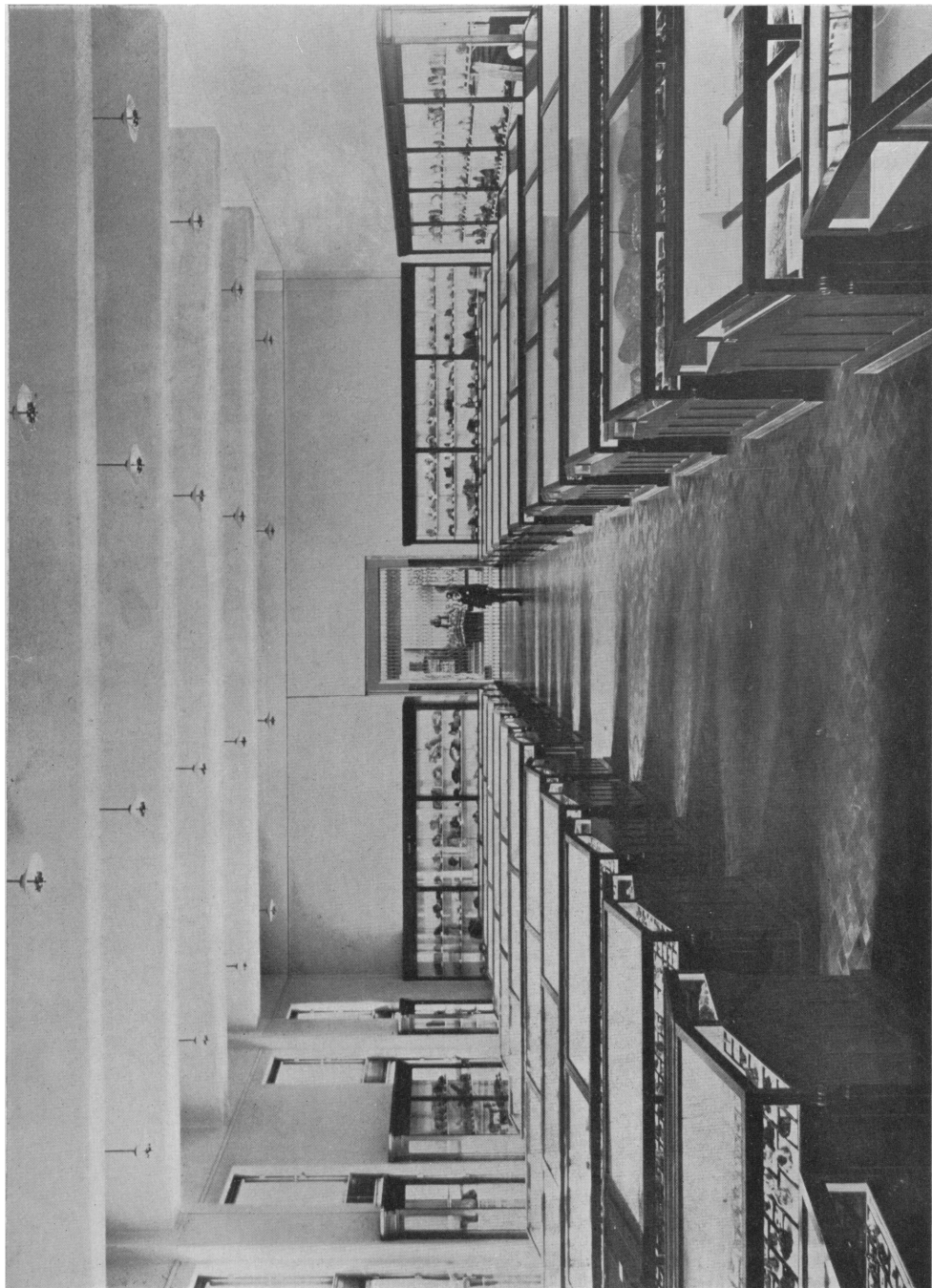
(77th Street and Eighth Avenue.)



ANNUAL REPORT OF THE PRESIDENT,
TREASURER'S REPORT, LIST OF ACCESSIONS,
ACT OF INCORPORATION, CONSTITUTION,
BY-LAWS AND LIST OF MEMBERS
FOR THE YEAR 1901.

PRINTED FOR THE MUSEUM

THE
AMERICAN MUSEUM OF NATURAL HISTORY.



THE MINERAL HALL.

Containing most of the Bement collection. The remainder of the minerals and the Morgan gift of gems are in the hall beyond.

THE
AMERICAN MUSEUM OF NATURAL
HISTORY,

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

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TREASURER'S REPORT, LIST OF ACCESSIONS,
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BY-LAWS AND LIST OF MEMBERS
FOR THE YEAR 1901.



NEW YORK :
PRINTED FOR THE MUSEUM.

1902.

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NEW YORK

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FORM OF BEQUEST.

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

THIRTY-THIRD ANNUAL REPORT.

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

I have the honor to submit herewith a statement of the proceedings of the Museum for the year 1901.

FINANCES.—The Treasurer's Report is given on pages 41 to 47, inclusive, presenting in detail the receipts and disbursements for Endowment and Maintenance separately.

Maintenance.—The estimated cost of maintaining the Museum, as shown in the Budget, approved by the Trustees, was \$23,059 in excess of the city appropriation of \$130,000. As the year progressed, circumstances permitted a reduction of the cost of maintenance, and the actual deficit December 31st was \$17,773.75. This shortage in the receipts for maintenance was, as heretofore, paid by the Trustees, who have contributed \$268,167 for this purpose since the opening of the Museum.

The subscriptions received from the Trustees and others whose names are noted in the Treasurer's Report, enable the Museum to commence the new year with a cash surplus of \$7,641.21.

Endowment Fund.—The Trustees have received the legacy of \$25,000 bequeathed to the Museum by their late colleague, Oswald Ottendorfer, and \$5,000 from the estate of the late Henry Villard. These bequests were paid in full; the payment of the inheritance tax having been assumed by the executors. The entire sum will be invested and the income used solely for the increase and betterment of the collections.

BOARD OF TRUSTEES.—Professor Henry Fairfield Osborn was made a member of the Board of Trustees and elected Second Vice-President at the annual meeting held in February, 1901.

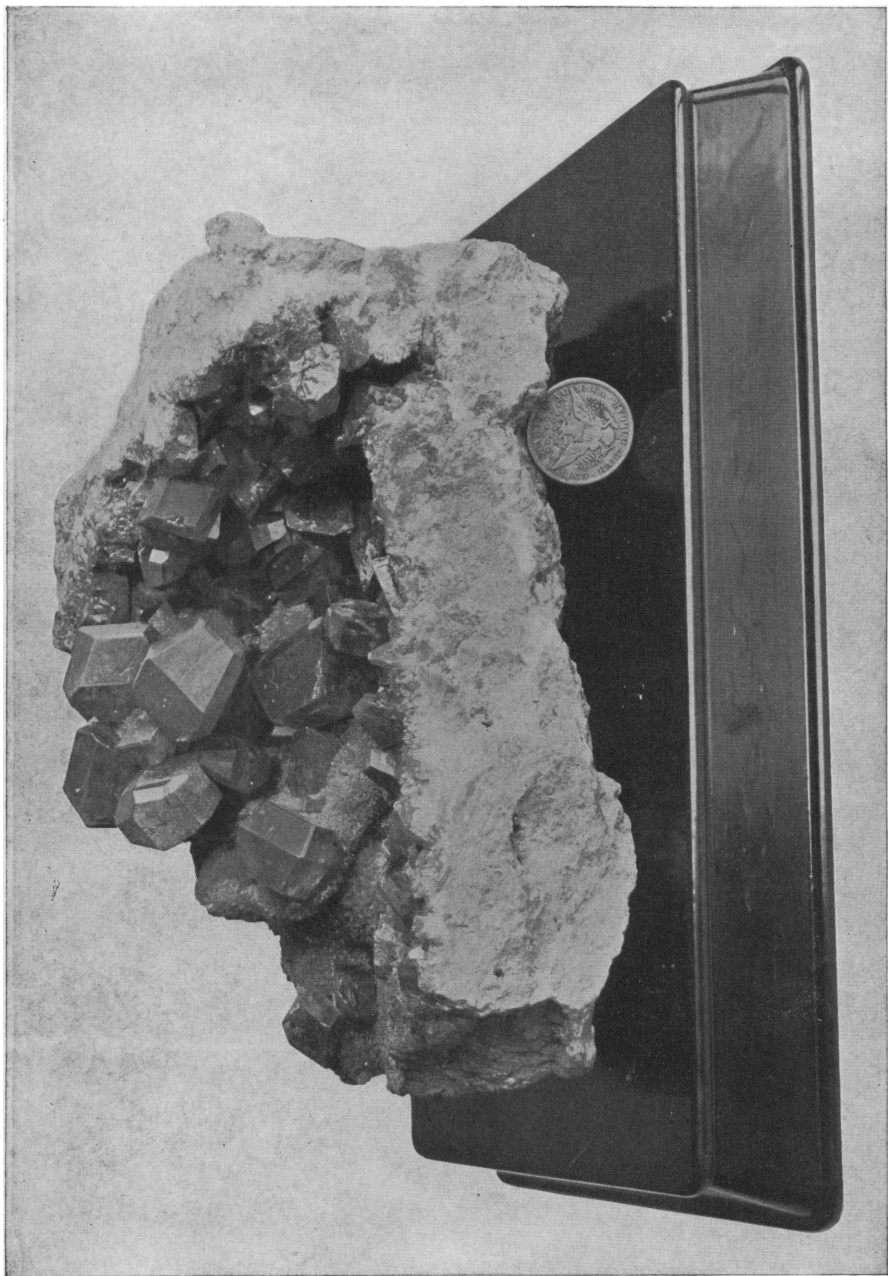
MEMBERSHIP.—During the past year the Museum gained 155 new annual subscribers; the loss by death and resignation was 46, leaving a net gain of 109 in this grade of membership. Mrs. C. P. Huntington, Mrs. Frederick F. Thompson, Miss Susan Dwight Bliss and Messrs. John L. Cadwalader, George S. Bowdoin, Archer M. Huntington, George Foster Peabody, John D. Rockefeller, Andrew Ellicott Douglass, John D. Rockefeller, Jr., Jacob H. Schiff, John Taylor Terry, Jr., and Rev. Roderick Terry, D.D., were elected "Patrons."

Mr. William Lanman Bull and General Egbert L. Viele, U. S. A., were elected "Fellows," and the following-named persons were elected "Life Members": Mrs. Joseph M. White, Miss Georgette T. A. Collier and Messrs. George Foster Peabody, Alfred R. Whitney, John B. McDonald, Silas D. Webb, Jacob Rubino, Thomas C. Bushnell, David L. Bruce-Brown, W. R. Peters, George Blumenthal, L. G. Woodhouse, W. H. Perkins, Louis Haupt, M.D., and V. H. Jackson, M.D., D.D.S.

It is with much regret that I record the decease of George T. Bliss, Francis O. Matthiessen and Andrew Ellicott Douglass, of the list of Patrons, and J. H. Dunham, Horace Gray, Samuel B. Schieffelin and Loomis L. White, Life Members.

Thirty-five annual contributors, whose names are recorded at the close of the list of Annual Members, have died during the year.

TRANSPORTATION.—I acknowledge with many thanks the valuable assistance received from several railroad companies in granting transportation to the persons engaged in the various expeditions sent into the field by the Museum. For these courtesies we are indebted to the following corporations: The Wabash and Missouri Pacific systems, Southern Pacific Company and connecting steamship lines, the Atchison,



SULPHUR FROM CIANCIANI, ITALY.

A specimen in the Bement Collection of Minerals presented by J. P. Morgan, Esq.

Topeka & Santa Fé system, Denver & Rio Grande, Erie system, Chicago & Northwestern, Chicago, Milwaukee & St. Paul, the Burlington system, the Northern Pacific, Great Northern, Canadian Pacific and the Mexican Central and Mexican International Railway Companies.

ATTENDANCE.—The use of the collections by public and private educational institutions is a marked feature of the work of the Museum; many of these pupils and teachers come from nearby towns and cities, nearly twenty per cent representing schools in New Jersey, while delegations from Connecticut, Pennsylvania and Virginia are noteworthy. The record shows that 361 teachers and 4,959 pupils made use of the collections during the year. The total attendance of visitors during the year was 461,026.

The Museum was closed in the evening during the Summer months to permit needed repairs to the lighting plant to be made.

DEPARTMENT OF MINERALOGY.—The gift to the Museum by Mr. J. Pierpont Morgan of the famous Bement collection of minerals at the close of the year 1900 was briefly noticed in my last Annual Report, but an extended reference to this collection, which is one of the most valuable individual gifts ever received by the Museum, could not be made at the time of preparing that report, because the specimens had not then been unpacked and placed in the exhibition cases. The acquisition of this immense collection at once made desirable the erection of an independent Department of Mineralogy. The new department was organized at the beginning of the year, and the Trustees installed as Curator, Mr. Louis P. Gratacap, who had had the care of the minerals for several years, while they were still under the charge of the Curator of Geology. The shells remaining in the central hall on the fourth floor of the Museum building were removed to the fifth floor, the minerals of the former Museum collection were removed from exhibition in the desk cases in the western half of the same hall, and from the smaller hall, and the space thus freed was de-

voted to the installation of the newly-acquired Bement collection. The Curator reports that this collection was found to contain about 12,000 specimens, all of them exhibition material of the highest grade, representative of most of the known established species. The available space, furthermore, was found to be inadequate to the proper display of the Bement collection alone, so that it became necessary to relegate all the best specimens of the old Museum collection to the drawers underneath the cases, to form a reserve or study collection, after sorting therefrom the material that could justly be considered to be duplicates.

The preliminary arrangement of such a collection, which has been done in accordance with the latest edition of Dana's *System of Mineralogy* and the preparation of the labels is a task of considerable magnitude. The installation was carried forward so rapidly, however, that it was feasible to throw the collection open to the view of the members of the Museum and their friends on Members' Day, November 26, and to the general public soon thereafter. Many inquiries had been made before that date by the persons interested in mineralogy as to when the Bement collection would be open to view, and the mineral halls have since been frequently visited both by students of the science and by those who are fond of minerals merely as objects of beauty. It is not too much to say that our Institution now possesses the best and most beautiful exhibition series of mineral specimens in this country, and one of the finest in the world. In his report the Curator calls attention to the facts that not more than half of this great collection has yet been provided with labels or installed on permanent mounts, and that much remains to be done in the way of providing group and explanatory labels, maps to show the geographical distribution of the more common and important minerals, and other accessories for rendering the collection attractive, intelligible and instructive to the average visitor.

As a part of the Bement collection the Museum received a series of meteorites that deserves more than the passing notice which can be given it here. The meteorite collection

contains representatives of nearly five hundred falls and finds, and ranks as one of the largest collections of fragments of these visitors from space. At present, for lack of other case-room, these valuable and interesting specimens are crowded together in some of the desk cases.

The Gem Collection.—At the outset of its existence the Department of Mineralogy was confronted with the problem of installing the Gem collection, which had been greatly enlarged, more than doubled, in fact, by the acquisition of the magnificent Tiffany exhibit at the Universal Exposition at Paris. The purchase of this exhibit was made possible through the generosity of Mr. J. Pierpont Morgan, to whom, indeed, we were indebted for our first gem collection, a series of stones which compared favorably with others of its kind and gave delight and instruction to thousands of visitors. The gem collection has been installed in an attractive manner at the southern end of the hall west of the Mineral hall. To undertake an enumeration of the salient points of a collection like this would be quite without the scope of this report, but attention may be called to the marvelous display of cut and uncut materials in the groups of corundums (sapphires), beryls (emeralds), topazes, garnets, tourmalines, chrysoberyls (alexandrites), opals, amethysts, diamonds, golds and pearls. The carved and engraved vases and other objects of jadeite, nephrite, rhodonite and rock crystal attract the notice of every visitor. A descriptive catalogue of this noble collection is being prepared by Mr. George F. Kunz.

DEPARTMENT OF GEOLOGY AND INVERTEBRATE PALÆONTOLOGY.—The work of the Curator of the department carried the task of labeling the palæontological collection well forward, 2,187 exhibition labels, bearing generic, specific and authors' names, geological formation and locality, having been prepared for individual specimens. The great amount of geological material which was received with the James Hall collection, and which has not been taken from the original boxes heretofore for lack of room in which to store the speci-

mens, has been carefully sorted and the valuable portion placed in drawers where it is accessible. The large collection of fossil remains of fish and other organisms from the Mt. Lebanon region in Syria, presented by the Protestant College at Beirût, through Rev. D. Stuart Dodge, D.D., of this city, is the most important gift received by the department during the year. Caring for this material required considerable time and attention.

The publication of the Catalogue of types and figured specimens in the palæontological collection of the department, which has been in progress for several years, has been completed. This Catalogue emphasizes in marked manner the importance of this portion of the Museum's property, and the work upon it has developed the fact that above one thousand more types and figured specimens are in the collection than were originally supposed to be there. The following extract from the preface of the volume of the *Bulletin* which is devoted to the Catalogue will indicate clearly the scope and character of the work and the collection:

"The chief palæontological possession of the Geological Department of the American Museum of Natural History is the great James Hall collection which was purchased in 1875 from the celebrated palæontologist, and the principal feature of that collection is the large number of type and other illustrated specimens, especially of Palæozoic species, which it contains. This Hall collection may well be considered the standard reference collection for all workers in North American Palæozoic palæontology; hence the desirability of publishing a complete record of these valuable specimens. Other collections have been added to the department from time to time through exchange and other means, but with few exceptions they contain no types. Most of the "figured specimens" in the series are those which were identified, redescribed, illustrated and published by Professor Hall in the early volumes of the Palæontology of New York, and therefore have almost the dignity and value of types.

"Of the specimens described and illustrated in the quarto volumes of the Palæontology of New York, the Museum possesses two-thirds of those in Volume I, covering the Cambrian and Lower Silurian systems; nearly eight-tenths of those in Volume II, extending from the Medina to the Onondaga stages, inclusive; three-fourths of those in Volume III, which treats of the Lower Helderberg and Oriskany groups; more than one-third of those in Volume IV, which describes the Brachiopoda of the Devonian system from the Upper Helderberg to the Chemung; about thirty per cent. of the specimens illustrated in Volume V, Part I, which is devoted to the Lamellibranchiata of the Upper Helderberg (or Corniferous), Hamilton and Chemung groups; and a nearly equal proportion of the Cephalopoda and Gastropoda illustrated in Volume V, Part II. The collection, however, contains only about 74 of the specimens of Bryozoa given in Volume VI, and about 70 of the Crustacea illustrated in Volume VII of the Palæontology of New York. Much of the



UINTACRINUS SOCIALIS Grinnell. **FOSSIL CRINOID FROM KANSAS.**

Slab five feet four inches long and three feet two inches wide.
Gift from Frank Springer, Esq.

material for Volume VIII, on the Brachiopoda, was prepared for publication prior to 1876, hence a large proportion of the specimens used for illustrations are to be found in the American Museum, especially of those used for the plates bearing the name of R. P. Whitfield.

“Most of the species in the volumes above mentioned were first published in the Regents’ Reports on the Condition of the State Cabinet (or State Museum, as it is now called), but material from other States than New York was also used in these reports, and the American Museum has the fossils from the Wisconsin-Minnesota Cambrian beds described and figured in the sixteenth Report; the Niagara material from Waldron, Ind., published in the twenty-eighth Report; and the graptolites and the Wisconsin Niagara species given in the twentieth Report. The Trenton fossils from Wisconsin described in the Report of Progress of the Geological Survey of Wisconsin for 1861 are here, and the original descriptions have been republished with illustrations and notes by R. P. Whitfield in the Memoirs of the American Museum of Natural History, Volume I, Part II. The Museum has all the Warsaw fossils from Spergen Hill, Ind., originally published without figures by Hall in the Transactions of the Albany Institute, Volume IV, and republished by Whitfield with figures in Bulletin Am. Mus. Nat. Hist., Vol. I. The collection also includes the type fossils from the Clinton beds at Arisaig, Nova Scotia, described by Hall in Volume V of the Canadian Naturalist and Geologist; many of the Devonian and higher forms described by the same author in the Geology of Iowa and the Supplement to the Iowa Report, the latter being republished with figures, by Whitfield in Mem. Am. Mus. Nat. Hist., Vol. I, Part I; several type specimens of the Dictyospongidae, some of which have been described by Whitfield in the Bulletin of the Am. Mus. Nat. Hist., Vol. I, and others by Hall and Clarke in a Memoir on the Palæozoic Reticulate Sponges; Hall and Meek’s types from the Cretaceous of the Bad Lands of Dakota, Nebraska and Wyoming, described in the Memoirs of the American Academy of Science and Arts, Vol. V; the fruits and seeds from the Eocene beds at Brandon, Vt., described by Lesquereux and published in Hitchcock’s Geology of Vermont, and some of the Cephalopoda, Gastropoda and Lamelli-branchiata described by Whitfield in his U. S. Geological Survey monographs on the Cretaceous and Tertiary fossils of New Jersey. The Museum also has the Holmes collection, which includes more than two hundred of the specimens described and figured in Tuomey and Holmes’s Pleiocene Fossils of South Carolina and in Francis S. Holmes’s work on the Post-Pleiocene Fossils of South Carolina. The fossils described in the various bulletins and memoirs of the American Museum of Natural History are here as a matter of course. In addition to the republication of certain of Hall’s types already mentioned, there have been described and illustrated in the Bulletin a large series of fossils of Chazy and Birdseye age from Fort Cassin, Vt., Beekmantown, N. Y., and other localities on Lake Champlain, and many Cretaceous forms from Beirût, Syria, and from Jamaica, W. I.

“The term ‘type’, as employed in the Geological Department of the American Museum, embraces not only the specimens actually used by an author in the original description of a species, but also those specimens which have been used by the same author in the further elucidation of the species in subsequent publications. The types may or may not have been illustrated in connection with the first publication. ‘Figured specimen’ is the term applied here to the specimens which have been identified with a species by another person than the author of the species and which have been illustrated in some publication. From the standpoint of the student and investigator, types are the most valuable portion of any collection, and should, therefore, be marked in some conspicuous manner and be preserved with the greatest

care. All the types and figured specimens in this Department are individualized by the use of a small rhomb of emerald green paper securely gummed to each."

As is shown in the following tabular summary, there are in this department of the Museum 8,345 type and figured specimens, representing 2,721 species and 190 varieties:

PARTS.	TYPES.			FIG'D SPECIMENS.			REFERENCES.	
	Species.	Varieties.	Specimens.	Species.	Varieties.	Specimens.	Page.	Figure.
I	448	10	1070	16	107	450	836	2372
II	635	22	1791	92	0	625	1236	4504
III	667	27	1707	158	5	717	3329	5437
IV	472	12	1598	233	7	387	1160	2011
Totals	2222	71	6166	499	119	2179	6561	14324

Expedition.—Dr. E. O. Hovey, the Associate Curator of the department, spent about two months in the field, collecting invertebrate fossils from Jurassic and Cretaceous beds at various localities in the Black Hills region of South Dakota and Wyoming. The Jurassic fossils were especially needed, but the Cretaceous forms are likewise of great value, some of them enabling Professor Whitfield to complete important investigations which he began in 1876, when at work on the fossils collected by Messrs. Newton and Jenney for the United States Geological Survey of the Black Hills.

Accessions.—Next to the fossil remains from Mt. Lebanon, Syria, already mentioned, the chief donation to the department was a large and handsome slab of crinoids from the Niobrara Chalk beds of Kansas, given by Frank Springer,

Esq., of East Las Vegas, New Mexico. There has been deposited with the Museum by the Geological Board of Georgia a series of handsome eight-inch cubes illustrating the building stones of that State. The series, which was collected for the State of Georgia by Dr. W. S. Yeates, State Geologist, comprises thirty-eight specimens and includes gray, homogeneous granite of several shades, porphyritic granite, gneiss, sandstone, limestone and mottled and white marble. Mention should be made also of fossil cycad trunks from the Jurassic (?) beds of the Black Hills, obtained early in the year by purchase. These additions and some minor purchases, together with the material collected in the Black Hills, have rendered the year an unusual one in the growth of the department. It is to be hoped that the rate of increase and improvement can be maintained in the future.

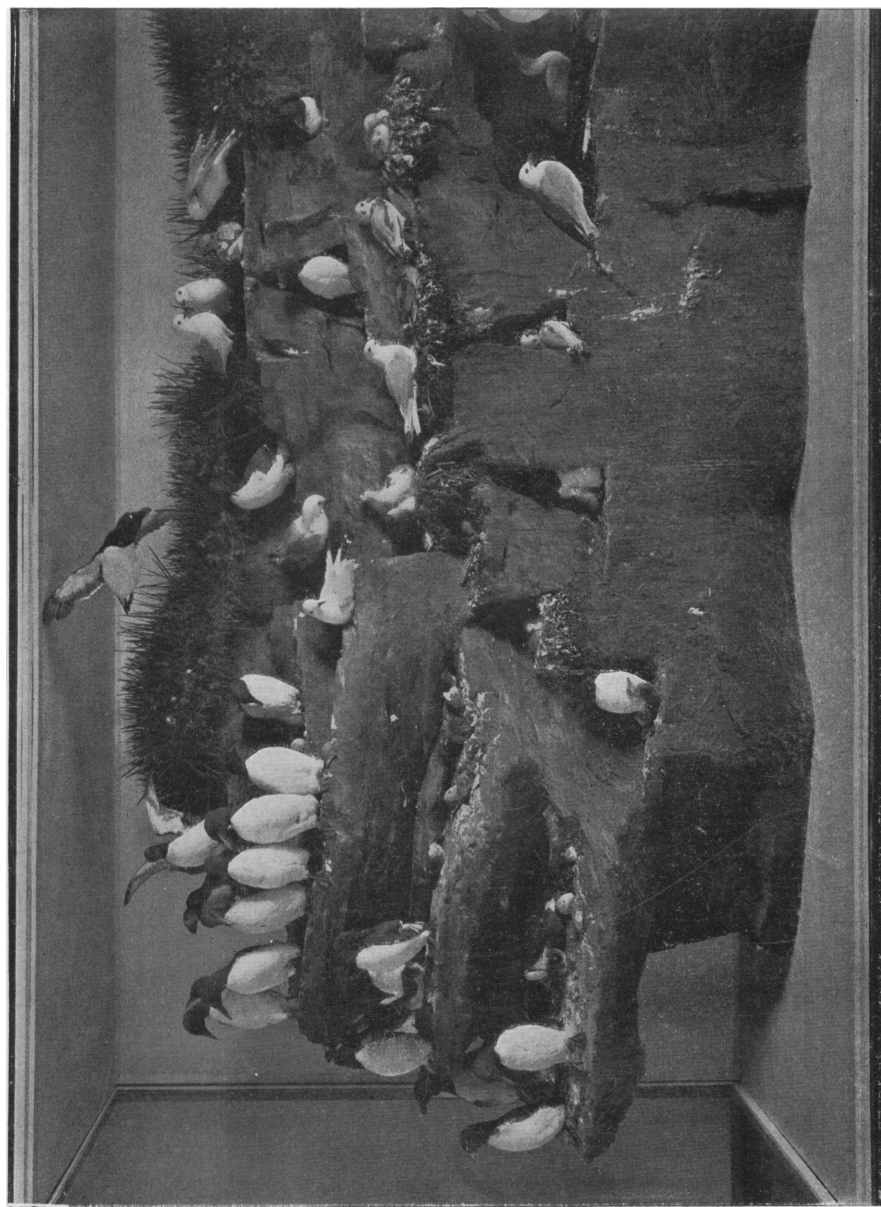
DEPARTMENT OF MAMMALOGY AND ORNITHOLOGY. — The Curator of this department reports that the growth of the collections under his charge has been unusually and satisfactorily large; 1,512 specimens having been added to the series of mammals and 3,195 specimens to the series of birds. One hundred and sixty mammals were received in the flesh by donation from the New York Zoölogical Society and the Central Park Menagerie. Among these there are several specimens of great importance. The museum is indebted, furthermore, to the Duke of Loubat for a valuable collection numbering 120 specimens of mammals and 110 birds from the State of Jalisco, Mexico, presented by him. Seven bird groups have been placed in the exhibition halls, through the generosity of Mr. John L. Cadwalader, who provided the means for the collection and preparation of the specimens.

The acquisitions through museum expeditions have been largely in excess of those obtained in this manner in previous years, and have included an immense amount of valuable material. This work for the department has been carried on by Mr. Samuel L. Klages in Venezuela, by Mr. N. G. Buxton in Siberia, under the auspices of the Jesup North Pacific expedition, by Mr. J. H. Batty in Chiriqui and Panama, and by

Mr. H. H. Smith in Colombia. Furthermore, an expedition known as the A. J. Stone Expedition was organized early in the year by Madison Grant, Esq., and other friends of the Museum, the work of which is to cover a period of three years. Mr. Stone, accompanied by an assistant from the Museum, reached Alaska at the opening of the season, and collected mainly on the Kenai and Alaskan peninsulas. The results of the first season's work are very satisfactory, including about fifty large mammals, obtained with special reference to mounting in groups, about two hundred small mammals, and several hundred birds. Since the Museum has never before received collections from this part of America, these specimens form a very important addition to our collections.

The following groups representing birds and their habits have been added to the series in our halls: The Bird Rock Islands of the Gulf of St. Lawrence, a large group illustrating several kinds of sea birds; the Red-winged Blackbird, the Marsh Wren, the Phalarope, the Water Ousel, the Coot, the Yellow-headed Blackbird, the Passenger Pigeon. An illustrated "Guide Leaflet" of twenty-four pages descriptive of the Bird Rock Group was prepared by Mr. Frank M. Chapman, the Associate Curator, and issued as a supplement to the *American Museum Journal* for October. This description has proved to be of great interest and value to visitors.

DEPARTMENT OF ANTHROPOLOGY.—The Curator of the Department of Anthropology reports that a large amount of work has been done by the several divisions and sections, but that much remains to be done before matters will be in readiness for the Thirteenth International Congress of Americanists which convenes at the American Museum in October, 1902. During the year to which this Report refers, expeditions under the auspices of this department were maintained in several parts of the United States, both east and west, and in Alaska, British Columbia, Mexico, Central America, Bolivia, Peru, Greenland, Siberia, Japan, Corea and China, resulting in large additions to the collections and furnishing much material for description as well as for exhibition. The results which



LEFT HALF OF THE BIRD ROCK GROUP.

thus far have followed from these expeditions have received favorable comment from scientific institutions and individuals both at home and abroad. With the accumulations of the past year, however, and the vast amount of material which will arrive at the Museum during the coming year, the cost of publishing the memoirs resulting from these extensive investigations naturally becomes a serious item. It does not seem proper to ask those who have generously placed parties in the field, also to provide the funds for publishing the scientific results of their investigations; on the other hand, the general funds of the Museum are not sufficient to meet the obligation.

The Jesup North Pacific Expedition.—The work of the Jesup expedition has progressed satisfactorily, and important collections have been received from Mr. James Teit, Mr. George Hunt, Dr. John R. Swanton and Dr. C. F. Newcombe, and from Messrs. W. Jochelson and W. Bogoras. The collections of Messrs. Jochelson and Bogoras open up an entirely new field for the Museum, illustrating as they do the life of all the tribes of the extreme northeastern part of Siberia. The investigations of these gentlemen among the Chukchee, the Koryak and Yukagheer tribes, which live on the coast of the Sea of Okhotsk, have been completed and the material collected during their course has been forwarded to the Museum. Mr. Bogoras is on his way to New York, but Mr. Jochelson is still in Siberia.

The collection of models of totem poles, with full explanations, made by Dr. Swanton is particularly worthy of mention, and he has succeeded by means of this collection in illustrating the significance of these peculiar emblems. One of the most striking objects sent in from the Queen Charlotte Islands is a large, well-preserved totem pole fully fifty feet in height. This has been erected in the open space of the stairway in the West Corridor hall. Dr. Swanton's collections also include a series of beautifully carved spoons, with full explanations of their ornamentation. A large part of Mr. Hunt's collections was obtained at the northern end of Vancouver Island. A

group illustrating the life of the tribes living along the Amur river has been prepared and is awaiting a suitable case.

↓
The Mrs. Morris K. Jesup Expedition.—Early in the year Dr. A. L. Krøber finished his field work in connection with the investigation of the Arapaho Indians, and his collections at present form the main portion of our material from the Indians of the plains. The publication of the results of the important investigations which have been carried on among the Arapaho remains to be done, the completed manuscript and illustrations being already in hand. A large group containing many small figures representing the religious ceremony of the Arapaho, known as the “Sun Dance,” has been prepared.

√
The Huntington Expedition.—The field work of the Huntington California expedition of 1900 came to a close early this year, and the collections received from this expedition, which was in the charge of Dr. Roland B. Dixon, are all on exhibition. Mrs. C. P. Huntington and Mr. Archer M. Huntington have provided for the continuance of this work, in which the late Mr. Collis P. Huntington was so much interested.

√
The B. T. B. Hyde and F. E. Hyde, Jr., Expedition.—Owing to the large amount of work to be done on material collected by this expedition in former years, in order to get it catalogued and ready for exhibition, field work in the Southwest was largely suspended. Some of the material mentioned in my last report as having been obtained by this expedition has been arranged in the cases in the southwestern portion of the West hall of the second floor. Especial attention may be called to the remarkable collection from the burial caves and cliff houses of the Grand Gulch region in Utah, to the collections from the Zuñi and Hopi Pueblos and to the extensive display of turquoise ornaments and other objects from the ruined Pueblo Bonito in the Chaco cañon, New Mexico. All the available cases, however, have been filled, and only a very small portion of the Hyde expedition material has been actually placed on exhibition. The Messrs. Hyde have generously provided for

the publication of Dr. Washington Matthews' important account of the Navaho ceremony known as the "Night Chant." This is a valuable contribution to American ethnology, and is the result of more than twenty years' work by the author. Dr. Matthews' account will form an entire volume of our Museum Memoirs, with several plates and text illustrations, and will be issued early in 1902.

Mexican Expedition.—Mr. M. H. Saville spent the winter of 1900-1901 in continuing his explorations of the ruins of Mitla, under the grant made for the purpose by the Duke of Loubat. The scientific results of these explorations are important, and have led to the solution of several problems connected with the architecture of the celebrated ruins in the vicinity of Mitla. The expedition also succeeded in obtaining a pre-Columbian map or "lienzo" on native cloth, which is a unique example of this class of American codices, and a specimen of Mexican painting on maguey paper, consisting of a map of Teotihuacan. These maps have been framed and placed on exhibition in the Mexican hall. The department furthermore has received two reproductions of pre-Columbian codices from the Duke of Loubat, the Tonalamatl Aubin and the Codex Féjervary-Mayer, which add greatly to our exhibit of ancient Mexican picture writings.

The Duke of Loubat having provided for another expedition to Mexico, Mr. Saville left New York about the middle of December to complete the work at Mitla, and to carry on explorations in the Oaxaca valley.

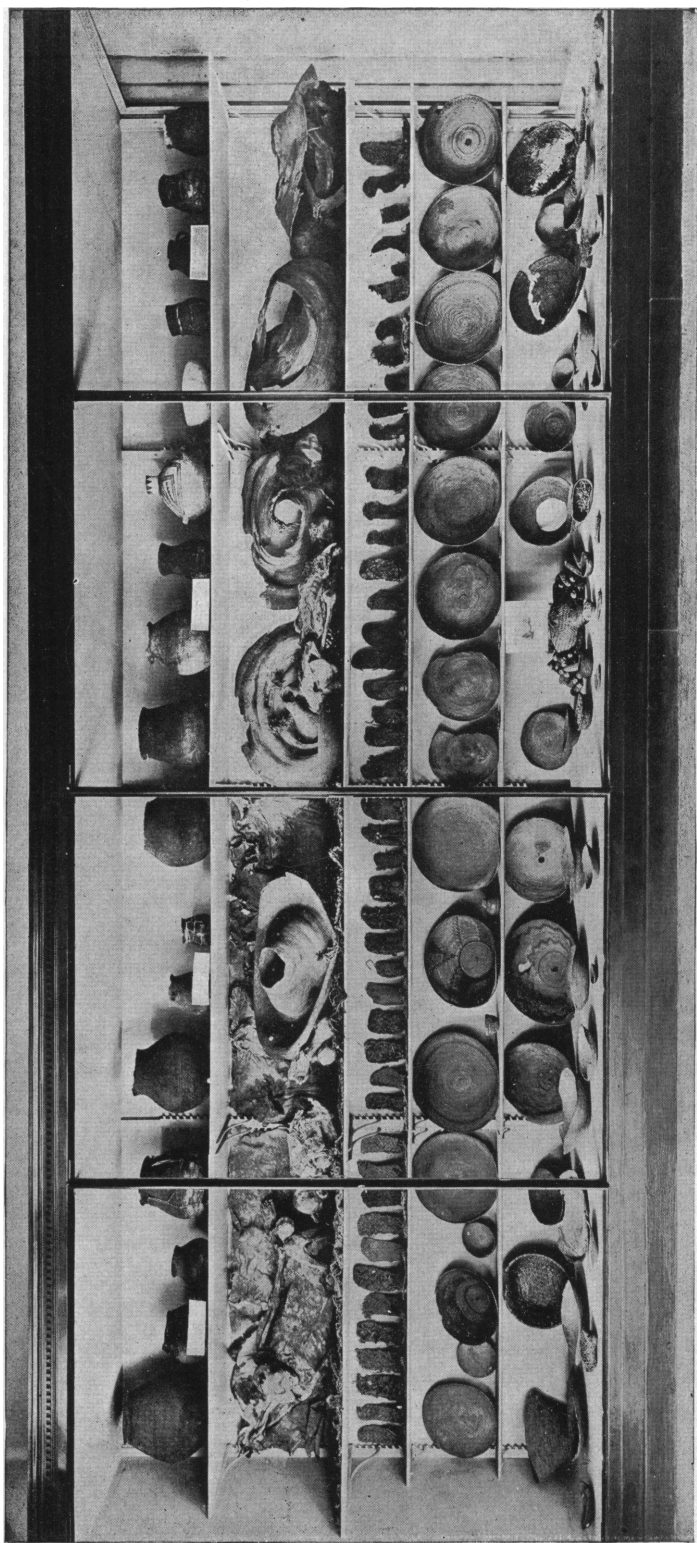
Expedition to China.—Through the generosity of a friend of the Museum, who desires to have his name withheld, our institution has been enabled to enter upon ethnological investigations in China. This work has been intrusted to Dr. Berthold Laufer. Two collections are the result of the first year's work of this expedition, one of which has been received and the other is on its way to New York. The undertaking is to continue for three years, and will furnish us with abun-

dant material for illustrating the essential features of the life of the Chinese people.

Explorations in New Jersey.—The exploration of the Delaware Valley, provided for by Dr. F. E. Hyde, has been continued by Mr. Ernest Volk, as in previous years, and many important facts relating to the occupation of the region about Trenton in very early times and bearing upon the evidence of pre-Glacial man in America have been obtained. On account of extensive excavations now being made by the Pennsylvania Railroad Co., exceptional opportunities for the further investigation of the Trenton gravel deposits are offered, and the Museum is to be congratulated upon the fact that Dr. Hyde has provided for the continuation of the research through the coming year. The vast amount of material obtained in the Delaware valley by Mr. Volk, during his long-continued explorations for the Museum, has been unpacked and assorted by him and arranged in trays according to the localities and special excavations, but it has not been catalogued, on account of the importance of having the explorer himself attend to the work.

Local Explorations.—During the summer, the work in local archæology was continued, and rock-shelters near Westchester were explored from which much of importance relating to early Indian life was learned. Most of the season was devoted to the study of several village sites and shell heaps on Long Island, especially to some near Oyster Bay and Glen Cove. At the latter place the work was greatly facilitated by the active coöperation of Mr. G. J. Price, on whose family estate many of the researches were made. The opportunities for investigations of this kind are rapidly disappearing, and every effort should be put forth to secure all available material, in order to give an accurate picture of the Indian life of the coast at the time of the arrival of our own race. Additional contributions are needed for this work.

In the North hall the whole Emmons Alaskan collection was re-arranged according to tribes and the material con-



CASE OF PREHISTORIC BASKETS AND OTHER OBJECTS FROM SOUTHEASTERN UTAH.
Hyde Expedition.

siderably condensed, changes which were made necessary by the important additions from the Jesup North Pacific expedition. The accumulation of additional material from the North American Indians made it necessary to remove part of the Lumholtz Mexican material to the temporary "Missionary Hall" in the southeast corner of the second floor. The Pueblo pottery was moved to the second floor, and the cases formerly occupied by it have been devoted to southwestern basketry. All the South Sea material, furthermore, has been removed from the West hall and replaced by Eskimo material and by the rest of the Laufer material from the Amur river. The detailed re-arrangement of the North hall is still in progress.

The West and Southwest halls on the second floor have been opened to the public. The former contains at present a portion of the material sent from China by Dr. Laufer, the Pueblo pottery, the Briggs collection of baskets and a small portion of the extensive collections made in the Southwest by the Hyde expedition. Especially noteworthy in the last-named collections, is the display of baskets and other material from the graves of the "Basket Makers" of southeastern Utah. The Southwest hall contains an exhibit illustrating in part the archæology of the United States. Among its special features there is a representation of the culture of tribes once inhabiting the Saginaw Valley, Michigan. This collection was made by Mr. Harlan I. Smith, the Assistant Curator of the department, during his residence in the region previous to his connection with this institution, and it has been presented to the Museum by him. He has arranged the collection with illustrative photographs and maps, and has prepared a descriptive guide leaflet with numerous illustrations. All of the South American archæological collections have now been placed on exhibition, except the series from Santa Marta, Colombia, recently received from Mr. F. C. Nicholas. They occupy the West Gallery hall. The acquisition of the Gaffron collection, recently purchased by the Trustees, has greatly increased the importance of the Peruvian exhibit. The Garces collection of gold and silver objects from the Lake

Titicaca region, a gift from Mr. J. Pierpont Morgan in a former year, and a number of other similar objects, none of which have been exhibited before, have been arranged in a special case in this hall. The large additions to the South American collection during the past two years makes necessary the re-arrangement of many of the cases before their final labeling can be accomplished.

In order to further the North American research work, an agreement has been made with the Bureau of Ethnology in Washington, by means of which the Bureau contributes certain sums for linguistic research, while the Museum pays for ethnological field work, a plan of coöperation which is proving very satisfactory. During the last year two expeditions were in the field working on this basis, Mr. H. H. St. Clair, Jr., collecting among the Shoshone of Wyoming and Oregon, and Mr. William Jones among the Sac and Fox Indians of Nebraska. Both these gentlemen brought back valuable collections.

Work among the caves and old village sites of British Columbia, begun in a modest way during the year, has yielded very interesting results and should be continued.

During the summer a series of casts was made at the Indian school at Carlisle, Pa., supplementing our collection illustrating the physiology and ethnology of the North American Indians.

In connection with the North American Archæological exhibit in the Southwest hall, there have been arranged two cases, illustrating the artifacts of the Iroquois and Algonkin Indians of New York State, and in other cases are exhibited the collections from village sites, rock shelters, shell heaps and various places in and near the city of New York, which had been explored under the direction of the department. Furthermore, a model of one of the rock-shelters explored in Westchester has been made in order to illustrate one phase in the life of the New York Indians. To make this exhibit still more instructive, there has been prepared a model showing the layers of accumulated material in the shelter, near

which have been placed the objects found in the upper and lower deposits.

The human skulls which have been obtained in connection with the Hyde expedition in the southwest, and the Villard and other expeditions in Peru have been arranged geographically and studied by Dr. Hrdlička, who has prepared for publication an elaborate memoir on the physical characters of the peoples of the southwest.

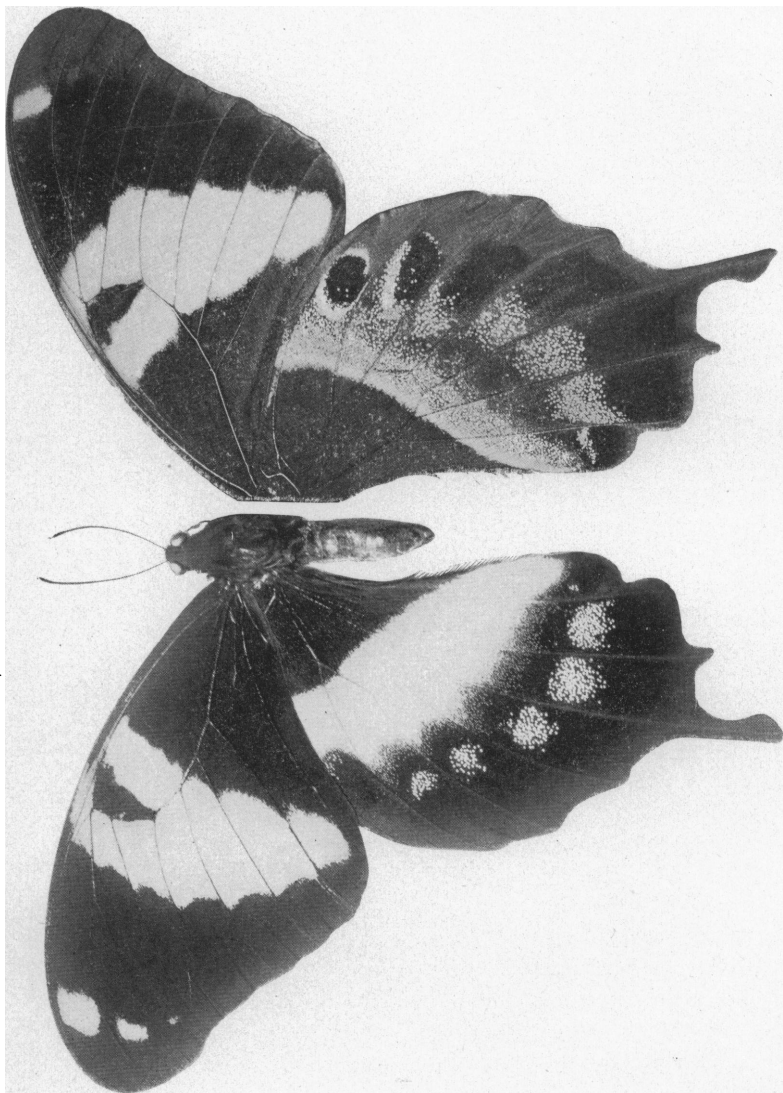
Special attention is called to the Ainu collection secured by Professor Bashford Dean of Columbia University during his recent visit to Japan. By the kindness of Arthur Curtiss James, Esq., to whom we are indebted already for much Ainu material, this collection has been added to our series illustrating the culture of that interesting tribe.

DEPARTMENT OF ENTOMOLOGY.—The Curator of Entomology reports that the arrangement of the exhibition collection of Beetles has progressed considerably during the year, and that it is now fairly well advanced. Enlarged drawings of some of the minute forms have been made and placed in the cases near the specimens. Such illustrations enable the visitor to form an idea of the nature of objects otherwise too small for exhibition. In March the Museum issued a Memoir on the Sesiidæ, or Clearwinged Moths, of America north of Mexico, by the Curator. The monograph consists of one hundred thirty-eight pages of text, with twenty-four text-cuts and eight plates.

The Very Reverend Eugene A. Hoffman has continued his generous gifts to the department by donating more than one thousand butterflies. These are being mounted on plaster of Paris exhibition tablets, ready for display as soon as cases have been provided for their reception. This calls attention to the fact that there are already more than two thousand such specimens on hand which cannot be exhibited for lack of case room. During the autumn the Curator spent his vacation in the Black Mountains of North Carolina continuing his investigations of the previous year. This expedition added to the collections of the department more than three thousand

specimens, including many new as well as many very rare species. Mr. Beutenmüller has in preparation a monograph on "The Insect Fauna of the Black Mountains, North Carolina." On account of certain peculiarities, the study of the insect fauna of this restricted region is of high importance to science, and it is to be hoped that some friend of the Museum will enable him to carry his investigations in the region to satisfactory completion. Field work in the vicinity of New York City has been done by the Curator and his assistant, Mr. C. Schæffer, and has added many specimens of several species to the local collection.

DEPARTMENT OF VERTEBRATE PALÆONTOLOGY.—The chief event of the year was the establishment of a fund by one of our Trustees, Mr. William C. Whitney, for obtaining material to illustrate the evolution of the Horse. This enabled the Curator to send two expeditions into the field—one to eastern Colorado and one to Texas, both of which were highly successful. The Colorado party found a superb skeleton of the three-toed marsh-living Horse, *Anchitherium*, besides portions of several skeletons of the plains-living Horses and Asses. The Texas party discovered a rich quarry of Horse remains of more modern type, including the ancestor of the South American *Hippidium*. The Curator hopes to secure every step in the wonderful evolution of the Horse from the small ancestor, less than four hands high, from the lower Eocene, to the larger Horses of the lower Pleistocene, which were finally destroyed during the Ice Age. A skilled osteological preparator also has been engaged upon an exhibit of the varieties of the modern Horse produced through the agency of human selection; such as the Shetland, the Percheron and the various race horses. Together with this series are preparations of the skull illustrating the growth of the teeth and of the limbs and other parts illustrating the entire mechanics of the skeleton. Mr. Charles R. Knight has painted a set of water colors of the living types of Asiatic and African horses. Altogether this exhibit promises to be one of the most popular and instructive in the Museum.



Under Side.

Upper Side.

PAPILIO HOMERUS. Natural size.

A Jamaican Butterfly in the Hoffmann collection.

Although the expeditions were planned to secure fossil horses, incidentally several splendid specimens of other animals were discovered. Among them was the shell of a great Glyptodont, or armored Edentate, the first discovered in North America. Numerous remains of Camels, Rhinoceroses and the skull and skeleton of the great fossil Dog, *Dinocyon*, were also found.

The exploration for Dinosaurs, begun by the Museum in 1897, was continued in western Colorado, in the Black Hills region of South Dakota and in the Laramie Plains of central Wyoming. At the last point, the Bone Cabin Quarry, famous for the great discoveries that have been made there, was worked for a fourth season, yielding a number of very rare Dinosaur skulls more or less complete. In this same region another quarry, together with a quantity of very large Dinosaur bones, was purchased. The car-load of material thus obtained was loaded and transported directly to the East through the courtesy of Messrs. E. H. Harriman and J. P. Morgan.

The department has been enriched not only by the expeditions, but also by exchanges with foreign museums. Chief among these is the superb specimen of an Ichthyosaur, or Fish-lizard, presented by the Royal Museum of Stuttgart through Prof. Eberhard Fraas. It is remarkable as containing seven young Ichthyosaurs. Two noteworthy purchases have been made: The first, a magnificent Cretaceous fish belonging to the genus *Portheus*, allied to *Chirocentrus*, now found only in the Indian Ocean; and the second, a skull of a southern variety of the mammoth, *Elephas imperator*, with a pair of large tusks more than thirteen feet in length.

Reproductions of restorations made in the department have been sent to museums in various parts of the world, and new series of casts have been prepared. Among these the casts illustrating the evolution of the feet of the Horse and the Camel are of special note.

The scientific work of the Department has continued, several bulletins by the Curator and his associates and a valuable memoir on the fossil mammals of eastern Colorado having been published.

Professor Osborn not only contributed largely to the maintenance of field expeditions, as shown in the Treasurer's Report, but also spent his entire salary in promoting the work of his department.

DEPARTMENT OF INVERTEBRATE ZOÖLOGY.—This department * was established in January, 1901, with Professor Hermon C. Bumpus, as Curator. George H. Sherwood, A. M., assumed the duties of Assistant Curator in the following November. The material which has come into its care was previously under the charge of Professor R. P. Whitfield, Curator of Geology and Invertebrate Palæontology, whose energy and skill have been largely instrumental in assembling a collection in this branch of natural science which is of acknowledged credit to our institution. The series of corals is particularly fine, ranking with the best in the world. The West Indian forms were almost all obtained by Professor Whitfield during his vacations. The most important accession to the department during the past year was a remarkable series of siliceous sponges which was purchased for the Museum by Professor Bashford Dean of Columbia University, during his recent visit to the Orient. The collection comprises thirty-seven specimens, representing twenty-six species distributed among sixteen genera. Among the specimens are several fine examples of the beautiful "Venus' Flower Basket" and related forms.

This Department has been given the charge of reptiles, batrachians and fishes, in addition to the invertebrate animals, and the Curator reports that much work has been done in the line of overhauling the large amount of material which had accumulated in the preceding thirty years. For lack of available exhibition space, almost all the specimens in these three great branches of Natural History have been relegated to storage, until the hall in the southeast corner of the ground floor can be fitted up with suitable cases for their reception and exhibition. The principal additions to the collection of

* Insects are under the care of Wm. Beutenmüller, Curator of Entomology, and molluscs are retained by L. P. Gratacap, Curator of Mineralogy.

reptiles and batrachians have come from the New York Zoölogical Society, the Central Park Managerie and the New York Aquarium.

The collection of fishes on exhibition in the Museum is very small, and consists mainly of painted wax and plaster models, resembling but slightly the fish in nature. All known methods of preserving and exhibiting fishes are unsatisfactory, but experiments for the purpose of devising some suitable means of presenting them in their natural environment and natural colors are under way, and we are warranted in saying that progress toward this desirable end has been made. Popular interest in the fishes is great, and a large exhibit of them is needed.

The acquisitions to this section of the Department have been considerable during the year. Through the courtesy of the Honorable George M. Bowers, the United States Commissioner of Fish and Fisheries, we have received a fine collection¹⁵ of Puerto Rican fishes, collected by the United States Fish Commission Steamer "Fish Hawk" during the investigation of the fisheries of Puerto Rico by the Government, in 1899. There are nearly two hundred specimens in the collection, representing eighty-four species, and all are in a good state of preservation. From the Jesup North Pacific expedition there have been received one hundred forty-three fishes and several reptiles and invertebrates, which were collected by Mr. N. G. Buxton in Vladivostok Harbor and Lake Khanka, in eastern Siberia. Since the fauna of that region is little known, doubtless several new species will be found in the collection. One of the most striking needs of the various sections of this department is a series of local collections of familiar forms, arranged in groups to correspond with those which are used to such good effect in several other parts of the Museum.

DEPARTMENT OF CONCHOLOGY.—At the beginning of the year, when the departments, which, for many years, had been under the care of the Curator of Geology, were subdivided, the collection of shells was removed to the charge of Mr.

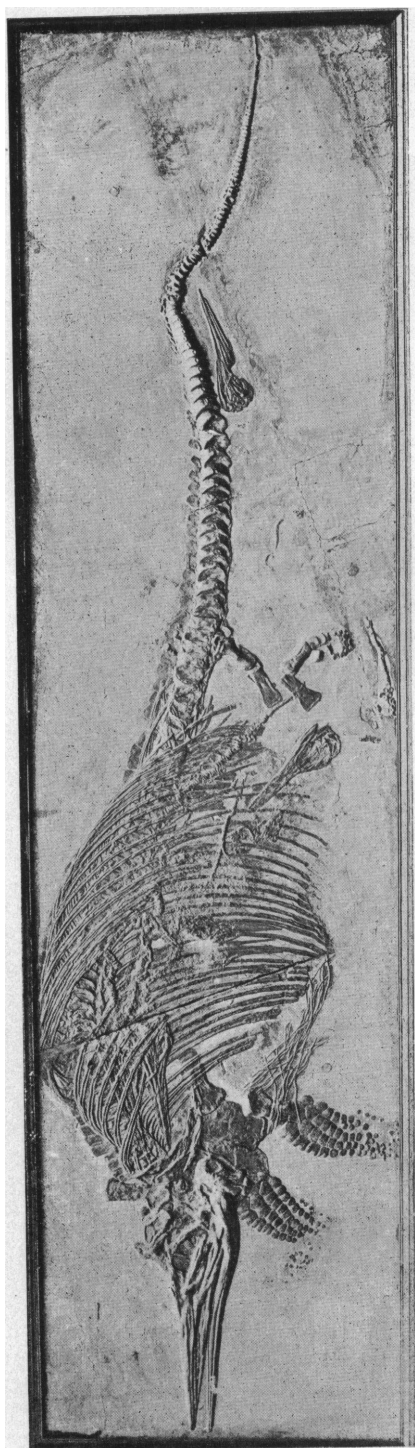
Gratacap, the Curator of Mineralogy. He reports that, on account of the devotion of the central hall on the fourth floor of the Museum to the Bement collection of minerals, the shells formerly exhibited there were removed to the fifth floor, and most of them were placed in drawers for storage. The present condition of the conchological collection emphasizes in very marked manner the need of a much larger hall for its appropriate exhibition. The famous Binney and Bland collection of American land shells, for instance, which contains many type specimens, is necessarily kept in storage drawers from lack of space for displaying it.

The work done on the shell collection has included the preparation and placing of more than 2,000 individual labels in addition to maps, photographs and diagrams. The experiment is being tried of placing on exhibition aquaria showing some of the more familiar molluscs in their natural surroundings. The popularity of this feature of the Hall of Conchology is marked, and indicates the desirability of increasing the number of such exhibits. On account of the number of type specimens which it contains, the Binney and Bland collection of land shells was made the subject of an extended article by the Curator, which was published in the *Museum Bulletin*, with five maps showing distribution.

The department is indebted to Mr. Frederick A. Constable for a valuable accession to its collections, consisting of about 18,000 specimens, representing about 4,000 species. The same gentleman has given to the Library a large number of much-needed works on conchology.

NORTH AMERICAN FORESTRY.—The chief event in the history of the Jesup collection of North American Forestry was the addition of twenty-one water-color paintings by Mrs. C. S. Sargent to the series illustrative of leaves, flowers and fruits, which has been prepared at the expense of your President.

PUBLICATIONS.—In the line of publications the scientific staff of the Museum has been very active during the past year.



ICHTHYOSAURUS QUADRISCISSUS Quenstedt. THE GREAT FISH-LIZARD CONTAINING YOUNG ONES.

Received by exchange with the Royal Museum, Stuttgart, Germany.

and the amount of matter issued was greater than during any other like period in our history. Of the octavo *Bulletin* there were published Part IV of Vol. XI, with 160 pages of text, comprising the catalogue of type and figured fossils noticed at greater length in another part of this Report; Vol. XIV, consisting of 422 pages, with 63 text figures and 46 plates, and Part I of Vol. XV, consisting of 370 pages, with 172 text figures and 4 plates, descriptive of the Eskimo of Baffin Land and Hudson Bay. Six parts of the quarto *Memoirs*, belonging to different volumes, were put through the press, though three of them were not actually issued until a few days after the end of the year, and therefore bear date of January, 1902. These parts contain in all 766 pages of text, and are illustrated with 82 text figures and 49 plates.

The publication of *The American Museum Journal*, which was begun in April, 1900, has been continued, and may now be considered to have passed the experimental stage. Mr. W. K. Gregory, who served the periodical as managing editor during the early and trying portion of its career, desiring to take up work exclusively in the line of vertebrate palæontology, Dr. E. O. Hovey was asked to assume the editorship of the *Journal* in September, with Messrs. Chapman, Gratacap and Gregory as an advisory board. Certain changes were instituted in the publication, the principal of which was the addition of an illustrated supplement to each number in the shape of a popular guide leaflet to some exhibit or group of exhibits in the Museum. Before the end of the year two numbers were issued, one with a guide leaflet on the Bird Rock Group, by Frank M. Chapman, and one with a similar description of the Saginaw Valley collection in the Anthropological Department, by Harlan I. Smith. These brochures evidently meet a popular want, for there is constant demand for them on the part of visitors.

The distribution of the articles in the *Bulletin* and the *Memoirs*, according to the departments from which they have emanated, is as follows:

DEPARTMENT OF GEOLOGY AND INVERTEBRATE PALÆONTOLOGY.

Bulletin, Volume XI.

R. P. Whitfield, assisted by E. O. Hovey. "Catalogue of the Types and Figured Specimens in the Palæontological Collections of the Geological Department of the American Museum of Natural History." (Pages 357-500, with title-page, table of contents, preface, etc., for the whole volume.)

Volume XIV.

R. P. Whitfield. "Notice of a New Sponge from Bermuda." (Pages 47-50, plates i-v.)

R. P. Whitfield. "Note on a Very Fine Example of *Helicoceras stevensoni* preserving the Outer Chamber." (Pages 219-220, plates xxix and xxx.)

R. P. Whitfield. "Notice of a Remarkable Case of Combination between Two Different Genera of Living Corals." (Pages 221-222, plates xxxi and xxxii.)

R. P. Whitfield. "Some Observations on Corals from the Bahamas, with Description of a New Species." (Pages 223-224, plates xxxiii and xxxiv.)

DEPARTMENT OF MAMMALOGY AND ORNITHOLOGY.

Bulletin, Volume XIV.

J. A. Allen. "Description of Two New Species of South American Muridæ." (Pages 39-40.)

J. A. Allen. "On a Further Collection of Mammals from Southeastern Peru, collected by Mr. H. H. Keays, with Descriptions of New Species." (Pages 41-46.)

J. A. Allen. "The Musk-Oxen of Arctic America and Greenland." (Pages 69-86, plates xii-xvii and 7 text figures.)

J. A. Allen. "Description of a New Caribou from Kenai Peninsula, Alaska." (Pages 143-148, with 4 text figures.)

J. A. Allen. "A Preliminary Study of the North American Opossums of the Genus *Didelphys*." (Pages 149-188, plates xxii-xxv.)

J. A. Allen. "Descriptions of Two New Opossums of the Genus *Metachirus*." (Pages 213-218.)

J. A. Allen. "The Generic Names of the Mephitinæ." (Pages 325-334.)

J. A. Allen. "New South American Muridæ and a New *Metachirus*." (Pages 405-412.)

Frank M. Chapman. "A New Race of the Great Blue Heron, with Remarks on the Status and Range of *Ardea wardi*." (Pages 87-90.)

Frank M. Chapman. "Descriptions of Six Apparently New Birds from Peru." (Pages 225-228.)

Frank M. Chapman. "A Revision of the Genus *Capromys*." (Pages 313-324, plates xxxix and xl and 3 text figures.)

DEPARTMENT OF ANTHROPOLOGY.

Bulletin, Volume XIV.

Franz Boas. "A Bronze Figurine from British Columbia." (Pages 51-52, plate vi.)

Franz Boas. "A. J. Stone's Measurements of Natives of the Northwest Territories." (Pages 53-68, plates vii-xi.)

Volume XV.

Franz Boas. "The Eskimo of Baffin Land and Hudson Bay." (Pages 1-370, plates i-iv and 172 text figures.)

Memoirs, Volume IV.

Harlan I. Smith and Gerard Fowke. "Cairns of British Columbia and Washington." (Pages 55-75, plates i-iv.)

Volume IV.

Livingston Farrand, assisted by W. S. Kahnweiler. "Traditions of the Quinault Indians." (Pages 77-132.)

Volume V.

Franz Boas and George Hunt. "Kwakiutl Texts." (Pages 1-270.)

Volume VII.

Berthold Laufer. "The Decorative Art of the Amur Tribes." (Pages 1-86, plates i-xxxiii and 24 text figures.)

DEPARTMENT OF VERTEBRATE PALÆONTOLOGY.

Bulletin, Volume XIV.

Henry F. Osborn and Walter Granger. "Fore and Hind Limbs of Sauro-poda, from the Bone Cabin Quarry." (Pages 199-208, with 6 text figures.)

W. D. Matthew. "Additional Observations on the Creodonta." (Pages 1-38, with 17 text figures.)

J. W. Gidley. "Tooth Characters and Revision of the Genus *Equus*." (Pages 91-142, plates xviii-xxi and 27 text figures.)

F. B. Loomis. "On Jurassic Stratigraphy in Southeastern Wyoming." (Pages 189-198, plates xxvi and xxvii.)

Memoirs, Volume I.

W. D. Matthew. "Fossil Mammals of the Tertiary of Northeastern Colorado." (Pages 353-446, plates xxxvii-xxxix and 34 text cuts.)

DEPARTMENT OF ENTOMOLOGY.

Bulletin, Volume XIV.

William Beutenmüller. "Descriptive Catalogue of the Noctuidæ found within fifty miles of New York City." (Pages 229-312, plates xxxv-xxxviii and 1 text figure.)

Charles Schæffer. "Synopsis of the Species of *Trechus*, with the description of a New Species." (Pages 209-212, plate xxviii.)

Memoirs, Volume I.

William Beutenmüller. "Monograph of the Sesiidæ of America, North of Mexico." (Pages 215-352, plates xxix-xxxvi and 24 text cuts.)

DEPARTMENT OF CONCHOLOGY.

Bulletin, Volume XIV.

L. P. Gratacap. "Catalogue of the Binney and Bland Collection of the Terrestrial Air-Breathing Mollusks of the United States and Territories in the American Museum of Natural History, with Enumeration of Types and Figured Specimens, and Supplementary Notes." (Pages 335-404, plates xli-xlvi.)

LIBRARY.—The history of the library for the past year has been one of constant growth. The number of individual donors has increased, and there have been more accessions from the individuals and institutions on our exchange list than during the preceding year. The principal accessions have come from General Egbert L. Viele and Mr. Frederick A. Constable, the volumes from the latter pertaining specially to conchology. The total number of volumes, parts and pamphlets received is equivalent to 2,619 bound volumes, making the total number of volumes or their equivalent in the library at the present time 55,308. The books have been very extensively used by members and visitors, as well as by our scientific staff, but there have been calls for hundreds of books not on our shelves, which, however, should be in our possession. The branches of natural science which need especial development in the line of books and periodicals are: Forestry, Herpetology, Anthropology, Invertebrate Zoölogy, Mineralogy and Mining. A considerable sum, furthermore, could be used to advantage in the purchase of missing numbers and parts of scientific periodicals.

Following is a list of the most important individual accessions during the history of the library:

The John C. Jay Conchological Library. Donated in 1874 by Miss Catharine L. Wolfe, and greatly increased in later years by the donor.

The Carson Brevoort Library on Fishes and General Zoölogy. Deposited in 1879 and donated in 1881 by Robert L. Stuart.

The Jewett Library on Voyages and Travels. Donated in 1886 by Hugh J. Jewett.

The R. P. Whitfield Library on Geology and Palæontology. Purchased in 1886 by the Trustees.

The D. G. Elliot Ornithological Library. Donated in 1887 by Cornelius Vanderbilt and Percy R. Pyne.

The S. Lowell Elliot Library on Entomology, History, etc. Donated in 1891 by Mrs. M. Schuyler Elliot.

The Cotheal Library. Donated in 1892 by Alexander I. Cotheal.

The Harry Edwards Library on Entomology. Purchased in 1892 by the Trustees.

The Robert Halsted Library. Donated in 1897 by Miss Laura P. Halsted.

The Jules Marcou Library on Geology and related subjects. Donated in 1898 by Philippe and John B. Marcou.

The Viele Library. Donated in 1900 and increased in 1901 by Gen. Egbert L. Viele, U. S. A.

The Constable Library. Donated in 1901 by Frederick A. Constable.

S. P. Avery, Esq., furthermore, has been a most liberal benefactor to the Library during the past ten years.

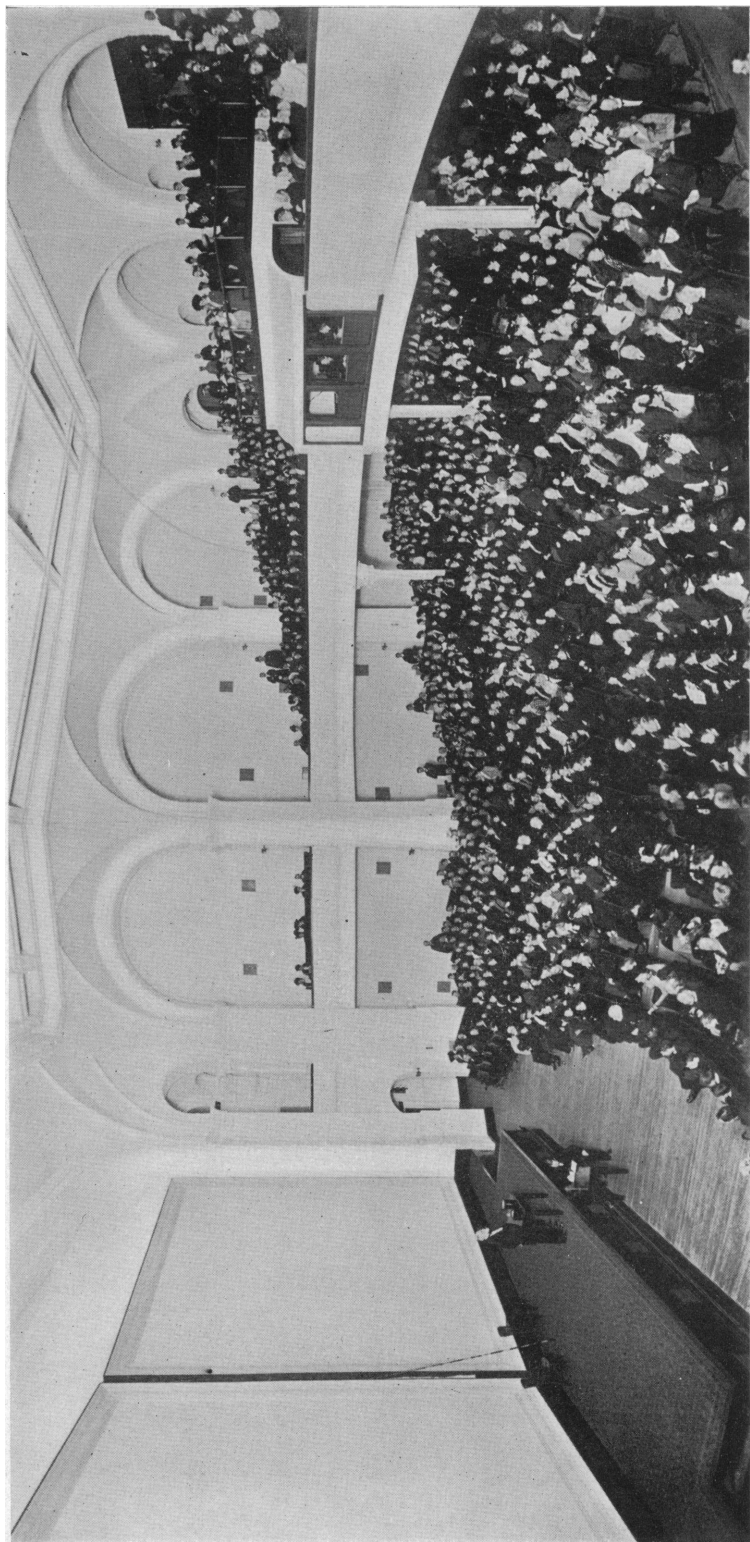
LECTURES AND CONVENTIONS.

DEPARTMENT OF PUBLIC INSTRUCTION.—The regular courses of Lectures to Teachers, which are given by Professor Albert S. Bickmore under the terms of a contract with the State Superintendent of Public Instruction, have been continued during the year, with a marked increase of attendance, made possible by the opening of the new lecture hall. By request of the Trustees, Professor Bickmore has given two courses of four lectures each to the members of the Museum and their friends, and four lectures on legal holidays.

City Board of Education.—Even the greater accommodations afforded by the new auditorium, however, have not been sufficient to seat all the persons desiring to attend the free lectures given under the auspices of the Board of Education. In the fall, therefore, the Board decided to give, in coöperation with the Museum, a course of lectures on Saturday evenings, in addition to the regular Tuesday evening course. The Saturday evening lectures have been of a more scientific character than those given on Tuesday evenings. The total number of lectures in the Museum provided by the city was thirty-seven.

Other lectures have been given in the Museum by arrangement with Columbia University and the Linnæan Society of New York.

The annual convention of the American Ornithologists' Union was held in the halls of the Museum from the 12th to the 14th of November. The national conference of the Audubon Societies of America was held here on November 14, and many regular meetings of the Linnæan Society of New York, the New York Entomological Society and the New York Mineralogical Club have been held in the Reading Room of the Library and elsewhere in the Museum building. Arrangements have now been perfected for fitting up a small meeting room capable of seating about one hundred and fifty persons and adapted to the needs of such conventions.



THE NEW AUDITORIUM.

Showing an audience at one of the Lectures in the Members' Course, 1902.

In October, 1902, the International Congress of Americanists will hold its thirteenth session at the Museum as our guest.

LECTURES TO THE TEACHERS OF THE PUBLIC SCHOOLS.

BY PROF. ALBERT S. BICKMORE.

Winter and Spring Course, 1901.

January 19, 26.—Paris—The Old City and the South Bank of the Seine.
February 2, 9.—Paris—The North Bank of the Seine and the Louvre.
“ 16, 23.—Paris—Fontainebleau, Chantilly and Versailles.
March 2, 9.—South America—Brazil.
“ 16, 23.—South America—Chili.
“ 30, April 6.—South America—Peru.

Autumn and Winter Course, 1901.

October 26, November 2.—The Pan-American Exposition of 1901.
November 9, 16.—London—The “City” and the Thames.
“ 23, 30.—London—Its Museums and Galleries.
December 7, 14.—London—Its Environs.

Holiday Course, 1901.

New Year's Day.—The Paris Exposition of 1900—The Street of Nations and the Trocadero.
Washington's Birthday.—Paris—The Banks of the Seine.
Thanksgiving Day.—The Pan-American Exposition of 1901.
Christmas Day.—London—The “City” and the Thames.

TO MEMBERS OF THE MUSEUM.

BY PROFESSOR ALBERT S. BICKMORE.

Spring Course, 1901.

March 7.—Paris—The Banks of the Seine.
“ 14.—Paris—Fontainebleau, Chantilly and Versailles.
“ 21.—South America—Chili.
“ 28.—South America—Peru.

Autumn and Winter Course, 1901.

November 21.—The Pan-American Exposition of 1901.
December 5.—London—The “City” and the Thames.
“ 12.—London—Its Museums and Galleries.
“ 19.—London—Its Environs.
November 26.—(Members' Day)—The Pan-American Exposition of 1901.

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|-------|--|-----------------------|
| March | 5.—From the Monumental Entrance to the Bridge of Alexander III. The first of a course of three lectures on the Paris Exposition..... | Prof. Wm. H. Goodyear |
| " | 12.—From the Bridge of Alexander III to the Eiffel Tower. | Prof. Wm. H. Goodyear |
| " | 19.—From the Eiffel Tower to the Trocadero. | Prof. Wm. H. Goodyear |
| " | 26.—The Passion Play of 1900..... | Alfred J. Talley |
| April | 2.—The Pan-American Exposition..... | Walter P. Terry |
| " | 9.—The Phillipines..... | Peter MacQueen |
| " | 16.—Spain..... | John C. Bowker |
| " | 23.—Campaigning in South Africa..... | Peter MacQueen |
| " | 30.—Life in Palestine. Illustrated by songs and costumes. | Dr. James Rosedale |

Autumn Courses.

Tuesday evenings.

- | | | |
|----------|---|-----------------------|
| October | 8.—Russia..... | Peter MacQueen |
| " | 15.—Scotland and Burns..... | Peter MacQueen |
| " | 22.—The Passion Play..... | John C. Bowker |
| " | 29.—A Tramp Through Switzerland..... | E. C. Chorley |
| November | 5.—Saunterings in Merrie England..... | Thomas Edw. Potterton |
| " | 12.—The American in Holland..... | Dr. Wm. E. Griffis |
| " | 19.—The Castle-Bordered Rhine..... | Thomas Edw. Potterton |
| " | 26.—Imperial Berlin and other German Cities.. | Prof. H. E. Northrop |
| December | 3.—Constantinople..... | Jesse L. Hurlbut |
| " | 10.—Rome..... | Wm. Freeland |
| " | 17.—Cities of the Baltic..... | G. R. Hawes |

Saturday evenings.

Six lectures on Astronomy by Prof. Robert W. Prentiss.

- | | |
|----------|---|
| October | 19.—The Sun: Its Phenomena. |
| " | 26.—The Sun: Spectrum, Analysis, Light and Heat. |
| November | 2.—The Moon: Its Appearance, Motions, Scenery and Physical Condition. |
| " | 9.—The Planet Mars: Is it Inhabited? |
| " | 16.—The Planets: Their Telescopic Appearance and Physical Condition. |
| " | 23.—Comets and Meteors: Their Mutual Relations. |

Three lectures on Nature Study, by Edward F. Bigelow.

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|----------|--|
| November | 30.—Journeys about Home Roadsides, Fields and Forests. |
| December | 7.—Travels in a Swamp. |
| " | 14.—Haunts of Nature. |

On examining the Treasurer's report, to be found on pages 41 to 47, inclusive, you will not fail to note the very large and gratifying increase in the subscriptions for special expeditions and for the increase of the collections in other ways.

The increase, too, in the list of annual and life members is very encouraging to those who have the interests of the Museum at heart. We, nevertheless, need increased funds. Our Museum, in coöperation with the public schools, has become an important educational factor in the community. It is a place of recreation for thousands, who find an instructive value in the exhibition and lecture halls. The work of its scientific staff, both at home and in the field, is a credit to the city and a satisfaction to those who have felt the pleasure of personally assisting in the furtherance of a great enterprise.

In closing this, my twenty-first annual report, I desire to record my appreciation of the continuation of the cordial and substantial support given me by my colleagues on the Board of Trustees; of the coöperation of the city officials at the points where the Museum has come in contact with the government of the Borough of Manhattan, and of the efficient service rendered by the scientific and administrative staff of the Museum.

MORRIS K. JESUP,
President.

TREASURER'S REPORT.

PERMANENT ENDOWMENTS.

General Fund.....	\$413,000 00
JOHN B. TREVOR Fund.....	10,000 00
JOSIAH M. FISKE Fund.....	10,000 00
	<u>\$433,000 00</u>

SPECIAL FUNDS.

	Receipts.	Disbursements.
MORRIS K. JESUP,		
Jesup North Pacific Expedition	\$4,484 09	\$4,484 09
Jesup Collection North American Woods.....	1,150 25	1,150 25
Special Fund.....	4,000 00	3,600 00
Mrs. MORRIS K. JESUP,		
Publications, North American Indians.....	763 19	763 19
B. T. BABBITT HYDE and FRED. E. HYDE, Jr.,		
Hyde Expedition—Explorations.....	4,900 00	4,900 00
Publications.....	1,000 00	841 00
Dr. FREDERICK E. HYDE,		
Delaware Valley Research.....	975 00	975 00
JOSEPH F. LOUBAT,		
Mexican Explorations.....	4,000 00	4,000 00
WM. C. WHITNEY,		
Fund for Collection of Fossil Horses.....	15,000 00	4,291 37
GEORGE FOSTER PEABODY,		
Briggs Collection, Indian Basketry.....	5,000 00	5,000 00
Mrs. C. P. HUNTINGTON,		
Preparation of Specimens, Big Trees.....	1,400 00	852 73
ARCHER M. HUNTINGTON,		
North American Indians—Publication.....	1,000 00	855 17
A. C. JAMES,		
Ainu Collection.....	250 00	250 00
JOHN L. CADWALADER,		
Preparation of Bird Groups.....	1,500 00	721 18
Mrs. ESTHER HERRMAN and others,		
New York State Archæological Research.....	488 93	428 93
East Asiatic Research.....	18,349 75	5,000 00
A. J. STONE EXPEDITION.....	7,075 58	3,698 59
HENRY F. OSBORN,		
Field Work, Dep't Vertebrate Palæontology....	2,000 00	2,000 00
	<u>\$73,336 79</u>	<u>\$43,811 50</u>

THE AMERICAN MUSEUM OF NATURAL HISTORY

MAINTENANCE.

RECEIPTS.

Department of Parks..... \$130,000 00

Transferred from Endowment Account to balance
cash deficit in Maintenance Account :

For year ending December 31, 1900..... \$9,110 18

For year ending December 31, 1901..... 17,773 75 26,883 93

\$156,883 93

Examined { GEORGE G. HAVEN, } *Auditing*
and approved. { ANSON W. HARD. } *Committee.*

Correct.—E. L. MASSETT, *Auditor.*

in account with CHARLES LANIER, TREASURER.

MAINTENANCE.

DISBURSEMENTS.

January 1, 1901. Cash deficit.....		\$9,110 18
Printing	\$255 21	
Coal.....	10,646 62	
Labels.....	1,766 83	
Stationery.....	934 03	
Annual Report.....	196 70	
Supplies.....	4,554 88	
Salaries.....	62,039 85	
Fixtures.....	2,693 01	
Labor	56,291 20	
General Expense.....	4,098 37	
Postage.....	286 34	
Repairs.....	3,536 50	
Expressage.....	474 21	147,773 75
		<u>\$156,883 93</u>

CHARLES LANIER, *Treasurer.*

[E. & O. E.]

NEW YORK, *December 31, 1901.*

THE AMERICAN MUSEUM OF NATURAL HISTORY

ENDOWMENT.

RECEIPTS.

Cash on hand, January 1, 1901.....	\$15,384 11
State Superintendent of Public Instruction.....	12,000 00
Annual Members.....	9,910 00
Interest on Invested Funds.....	20,280 00
Special Loan.....	3,000 00

Trustees:

Wm. Rockefeller.....	\$4,000 00	
D. Willis James.....	6,000 00	
Wm. E. Dodge.....	4,500 00	
J. Pierpont Morgan.....	4,000 00	
D. O. Mills.....	3,000 00	
H. O. Havemeyer.....	3,000 00	
Charles Lanier.....	2,000 00	
Adrian Iselin.....	2,000 00	
Percy R. Pyne.....	2,000 00	
Dr. Fred. E. Hyde.....	1,250 00	
Morris K. Jesup.....	1,000 00	
A. D. Juilliard.....	1,000 00	
Archibald Rogers.....	250 00	
Anson W. Hard.....	250 00	
"Cash".....	250 00	
Wm. C. Whitney.....	3,000 00	
		37,500 00

John T. Terry.....	2,000 00
John D. Rockefeller.....	5,000 00
Mrs. Frederick F. Thompson.....	1,000 00
George S. Bowdoin.....	1,000 00
Wm. L. Bull.....	500 00

Life Members:

David L. Bruce-Brown.....	\$100 00	
Thomas C. Bushnell.....	100 00	
George Blumenthal.....	100 00	
Miss Georgette T. A. Collier.....	100 00	
Dr. Louis Haupt.....	100 00	
V. H. Jackson, M.D., D.D.S.....	100 00	
John B. McDonald.....	100 00	
George Foster Peabody.....	100 00	
W. H. Perkins.....	100 00	
W. R. Peters.....	100 00	
Jacob Rubino.....	100 00	
Silas D. Webb.....	100 00	
Mrs. Joseph M. White.....	100 00	
Alfred R. Whitney.....	100 00	
L. G. Woodhouse.....	100 00	
		1,500 00

Morris K. Jesup.....	4,000 00
Morris K. Jesup, Jesup North Pacific Expedition.....	4,484 09
Morris K. Jesup, Jesup Collection North American Woods.....	1,150 25
Mrs. M. K. Jesup, North American Indian Research Publications.....	763 19
Henry F. Osborn, Department of Vertebrate Paleontology.....	2,000 00
B. T. B. and F. E. Hyde, Jr., Hyde Exploration Fund.....	4,900 00
Dr. Fred E. Hyde, Delaware Valley Research Fund.....	975 00
Joseph F. Loubat, Mexican Expedition.....	4,000 00
Wm. C. Whitney, Fossil Horses Collection.....	5,000 00
George Foster Peabody, Briggs Collection of Indian Basketry...	5,000 00
Mrs. C. P. Huntington Fund.....	1,400 00
Archer M. Huntington Fund, Publications.....	1,000 00

Carried forward..... \$143,746 64

ENDOWMENT.

DISBURSEMENTS.

Transfer to Maintenance Account to balance deficit of 1900.....		\$9,110 18
Postage.....	\$64 88	
Printing.....	133 44	
Stationery.....	314 89	
General Expense.....	1,422 65	
Bulletin.....	12,267 38 ✓	
Annual Report.....	262 80	
Labels.....	59 20	
American Museum Journal.....	1,916 82 ✓	
Minerals.....	101 31	
Geology and Invertebrate Palæontology.....	679 32	
Invertebrate Zoölogy.....	212 05	
Vertebrate Zoölogy.....	9 95	
Mammal Groups.....	66 04 -	
Bird Groups.....	119 19 -	
Vertebrate Palæontology.....	7,233 97 ✓	
Anthropology.....	3,548 89	
Ethnic Groups.....	819 74	
Entomology.....	286 10	
Library.....	1,563 12	
Mineralogy.....	400 00	
Department of Public Instruction.....	9,567 52	
Conchology.....	13 69	
Mammalogy and Ornithology.....	2,503 16	
Economic Collection.....	57 31	
Supplies.....	35 65	
Traveling Expense.....	46 66	
Expressage.....	102 12	
Membership Circulars.....	1,084 85	
Interest on Loans: 1900, \$10,000; 1901, \$3,000...	1,038 19 -	
Archer M. Huntington Fund.....	855 17 -	
Hyde Exploration Fund.....	4,900 00 -	
Jesup North Pacific Expedition.....	4,484 09 -	
Publications, North American Indian Research.....	763 19 -	
North American Indian Research.....	706 79	
Belmar Collection Mexican Antiquities.....	100 00	
Mexican Expedition.....	4,054 60 -	
Peruvian Expedition.....	2,036 25	
John L. Cadwalader Fund.....	721 18 -	
Gaffron Peruvian Collection.....	3,200 16	
Yakut Collection.....	500 00	
Ethnographical Album.....	298 90	
Wm. C. Whitney Fund, Fossil Horses.....	4,291 37 -	
N. Y. State Archæological Research.....	693 93 -	
Cronau Indian Collection.....	600 00	
Delaware Valley Research.....	975 00 -	
Dorenburg Collection Mexican Antiquities.....	1,288 58	
Mrs. C. P. Huntington Fund.....	852 73 -	
Jesup Collection North American Woods.....	1,150 25 -	
Carried forward.....	\$78,403 08	\$9,110 18

THE AMERICAN MUSEUM OF NATURAL HISTORY

ENDOWMENT—Continued.

RECEIPTS.

<i>Brought forward</i>	\$143,746 64
John L. Cadwalader, Bird Groups.....	1,500 00
B. T. B. and F. E. Hyde, Jr., Hyde Expedition Publications...	1,000 00
A. C. James, Ainu Collection.....	250 00
N. Y. State Archaeological Research.....	488 93
Admission Fees.....	1,856 50
Sale of Publications.....	349 87
Sale of Specimens.....	350 00
Sale of Specimens, Department of Vertebrate Palæontology....	450 00
Sale of Ethnographical Album.....	34 80
Sale of Guides.....	14 60
Collecting Permits.....	34 00
Freight Rebate.....	453 09
Interest on Credit Balances.....	33 88

\$150,562 31

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

Correct.—E. L. MASSETT, *Auditor.*

in account with CHARLES LANIER, TREASURER.

ENDOWMENT—Continued.

DISBURSEMENTS.

<i>Brought forward</i>	\$78,403 08	\$9,110 18
Hyde Expedition Publications.....	841 03	
Briggs Collection Indian Basketry.....	5,015 00	
Heyde Guatemala Collection.....	500 00	
Siberian Expedition.....	3,526 54	
Ainu Collection.....	250 00	
Loan 1900, repaid.....	10,000 00	
Loan 1901, repaid.....	3,000 00	
Interest on Overdrafts.....	103 00	
Tiling Archæology Hall—West Wing.....	3,600 00	
		105,238 65
Transfer to Endowment and Investment Account of the following unexpended balances, December 31, 1901:		
Pampean Collection of Fossils.....	8,000 00	
Wm. C. Whitney Fund.....	708 63	
Mrs. C. P. Huntington Fund.....	547 27	
A. M. Huntington Fund.....	144 83	
Morris K. Jesup.....	400 00	
Hyde Expedition Publication Fund.....	158 97	
John L. Cadwalader Fund.....	778 82	
N. Y. State Archæological Research.....	60 00	
		10,798 52
Transfer to Maintenance Account to balance deficit for 1901.....	17,773 75	
Cash on hand December 31, 1901, transferred to General Account.....	7,641 21	25,414 96
		<u>\$150,562 31</u>

CHARLES LANIER, *Treasurer.*

[E. & O. E.]

NEW YORK, *December 31, 1901.*

LIST OF ACCESSIONS, 1901.

LIBRARY.

BY DONATION.

	Volumes	Parts and Numbers	Pamph- lets
Albert Ier, Prince Souverain de Monaco.....		8	
" " " " " 3 Maps			
J. B. Ambrosetti, Buenos Aires, Argentina.....	10		
O. Bangs, Boston, Mass.....	13		
Henry M. Baum, New York City.....	I		
Miss E. Benjamin, New York City.....	97		
W. R. Benjamin, New York City.....	I		
William Beutenmüller, New York City.....	2	3I	
Prof. A. S. Bickmore, New York City.....	14	8I	I9I
Dr. F. Boas, New York City.....	8	5	I
J. V. B. du Bocage, Lisbon, Portugal.....			I
H. P. Bowditch, Jamaica Plain, Mass.....		I	3
Hon. Wm. Astor Chanler, New York City.....	19	194	
F. M. Chapman, New York City.....		I	
Alfred Chavero, Mexico.....		I	
George Watson Cole, New York City.....		I	
Frederick A. Constable, New York City.....	243		33
Theodore Cooper, London, England.....	2		
B. Cothonay, Neperhan, New York.....			I
Philip Cox, Saint John, New Brunswick.....			4
George F. Cram, New York City.....		8	
William Cushing, New York City.....	I		
Fred. S. Dellenbaugh, New York City.....	I		
J. W. de Peyster, Tivoli, N. Y.....			I
George A. Dorsey, Chicago, Ill.....			4
Daniel Draper, New York City.....	I	7	
Charles Dunod, Paris, France.....		IO	
Edwin C. Eckel, Boston, Mass.....			I
Charles S. Forbes, St. Albans, Vt.....		I	
L. Frobenius, Basel, Switzerland.....			3
L. P. Gratacap, New York City.....	I		
Caswell Grave, Baltimore, Md.....			I
Dr. Madarasz Gyula, Budapest, Hungary.....			I
Miss Laura P. Halsted, New York City.....	I		

	Volumes	Parts and Numbers	Pamphlets
Georgia Experiment Station, Experiment, Ga.		31	
Idaho Agricultural Experiment Station, Moscow, Idaho.	1	15	
Chicago Public Library, Illinois.	1		
Newberry Library, Chicago, Illinois.		1	
Psychic Research Co., Chicago, Illinois.		1	
Illinois Agricultural Experiment Station, Urbana, Ill.	2	4	13
Board of State Charities of Indiana, Indianapolis, Ind.	1	4	
Purdue University, Lafayette, Indiana.		51	
Iowa Board of Railroad Commissioners, Des Moines, Ia.	1		
Kansas University Geological Survey, Lawrence, Kan.	1	1	1
Kentucky Agricultural Experiment Station, Lexington, Ky. ...		56	
Louisiana State Experiment Station, Baton Rouge, La.		48	
Maine Agricultural Experiment Station, Orono, Me.	2	40	
Maryland Agricultural Experiment Station, College Park, Md. ...	2	52	
Massachusetts Agricultural Experiment Station, Amherst, Mass. ...	5	7	
Phillips Academy, Andover, Mass.	1		
Library Bulletin Co., Boston, Mass.		5	
Massachusetts Horticultural Society, Boston, Mass.	1	1	1
Archæological Institute of America, Norwood, Mass.		2	
City Library Association, Springfield, Mass.		2	
Springfield Public Library, Springfield, Mass.		2	
Michigan State Agricultural College Experiment Station, Agricultural College, Mich.	9	22	
Michigan Bureau of Labor and Industrial Statistics, Lansing, Mich.	1		
Michigan Department of State, Lansing, Mich.	1		
Michigan State Treasurer, Lansing, Mich.	2		
University of Minnesota Agricultural Experiment Station, St. Anthony Park, Minn.	1	3	
Webb Publishing Co., St. Anthony Park, Minn.		11	
Noyes Brost Cutler, St. Paul, Minn.			1
Mississippi Agricultural College and Experiment Station, Agricultural College, Miss.	11		
Missouri Agricultural College Experiment Station, Columbia, Mo.	3	35	
Missouri State Horticultural Society, Jefferson City, Mo.	1		
Washington University, St. Louis, Mo.	1		
Montana Agricultural Experiment Station, Bozeman, Mont.		2	
Montana State Library, Helena, Mont.	1		
University of Nebraska Agricultural Experiment Station, Lincoln, Neb.		32	
New Hampshire College Agricultural Experiment Station, Durham, N. H.	1	17	
New Jersey Free Public Library, Newark, N. J.		3	
New Jersey Agricultural College Experiment Station, New Brunswick, N. J.	1	8	
New Mexico Agricultural Experiment Station, Mesilla Park, N. M.		22	1
New York State Board of Health, Albany, N. Y.	2	10	
New York State Commissioner of Excise, Albany, N. Y.	3		
New York State Department of Labor, Albany, N. Y.		3	1

	Volumes	Parts and Numbers	Pamphlets
New York State Factory Inspectors, Albany, N. Y.	1		
New York State Superintendent of Banks, Albany, N. Y.	1		
New York State Treasurer, Albany, N. Y.	1		
Grosvenor Free Public Library, Buffalo, N. Y.			2
Pan-American Exposition, Buffalo, N. Y.			1
New York Agricultural Experiment Station, Geneva, N. Y.		44	1
Cornell University Agricultural Experiment Station, Ithaca, N. Y.		1	
Bausch & Lomb Optical Co., Rochester, N. Y.		1	
American Society for Prevention of Cruelty to Animals, New York City.	1	10	
American Water Color Society, New York City.			1
E. & H. T. Anthony Co., New York City.		2	
D. Appleton & Co., New York City.		6	1
The Architectural Record Co., New York City.		1	
The Auk, New York City.	1		
Automobile Club, New York City.		56	
John P. Burkhard Publishing Co., New York City.		2	
Business Publishing Co., New York City.		1	
Correspondent's Club of New York, New York City.			1
Ginn & Co., New York City.	1		
Hebrew Technical Institute, New York City.	2		
Henry Holt & Co., New York City.	2		
Institute of Arts and Sciences, Brooklyn, N. Y.			1
Library Young Men's Christian Association, New York City. .			1
McClure, Phillips & Co., New York City.		4	
Macmillan & Co., New York City.		5	
Merchants' Association of New York, New York City.		1	1
Munn & Co., New York City.	1	28	1
New York City Charity Organization Society, New York City. .	1	9	
New York Entomological Society, New York City.		3	
New York Free Circulating Library, New York City.	2		
New York Municipal Civil Service Commission, New York City.	4		
New York Post-Graduate Medical School, New York City. . .		12	
New York Scientific Alliance, New York City.	2	2	
New York State Superintendent of Elections, New York City. .	1		
New York University, New York City.		2	
Pratt Institute, Brooklyn, New York.		1	
Siegel, Cooper & Co., New York City.		10	
Woman's Union Missionary Society, through Miss Doremus, New York City.	5		3
North Dakota Agricultural Experiment Station, Agricultural College, N. D.		41	
Cincinnati Museum Association, Cincinnati, Ohio.			1
Western Reserve Historical Society, Cleveland, Ohio.	1		
Oklahoma Agricultural Experiment Station, Stillwater, Okla. .	3	38	
Oregon Experiment Station, Corvallis, Oregon.		42	
Oregon State Board of Horticulture, Salem, Oregon.	1		
American Academy of Political and Social Science, Philadelphia, Pa.	1	4	

	Volumes	Parts and Numbers	Pamphlets
Pennsylvania Museum, Philadelphia, Pa.	1		
Philadelphia City Trusts, Philadelphia, Pa.	1		
Pennsylvania State College Agricultural Experiment Station, State College, Pa.	4		
Rhode Island Agricultural Experiment Station, Kingston, R. I.	1	74	
South Dakota Agricultural Experiment Station, Brookings, S. D.	2	26	
Tennessee Agricultural Experiment Station, Knoxville, Tenn.	2	33	
University of Tennessee, Knoxville, Tenn.		1	
Texas Agricultural Experiment Station, College Station, Tex.	3		
Agricultural Experiment Station, Logan, Utah.		45	
The International Monthly, Burlington, Vermont.		1	
Virginia Agricultural Experiment Station, Blacksburg, Va.		33	
University of Virginia, Charlottesville, Va.	1	3	
Hampton Normal and Agricultural Institute, Hampton, Va.	2		
Washington Agricultural Experiment Station, Pullman, Wash.	5	16	
West Virginia Agricultural Experiment Station, Morgantown, W. V.	5	13	
Valentine Museum, Richmond, Virginia.			1
Wisconsin Agricultural Experiment Station, Madison, Wis.		64	
Free Library Commission, Madison, Wis.			1
University of Wisconsin, Madison, Wis.			1
Wyoming Agricultural Experiment Station, Laramie, Wyo.		20	
Government Printing Office, Washington, D. C.		1	
National Geographic Society, Washington, D. C.		5	
Philosophical Society of Washington, D. C.	1		
Superintendent of Documents, Washington, D. C.		14	1
U. S. Board on Geographic Names, Washington, D. C.	1		1
Agricultural and Commercial Department, Tokio, Japan.	1		
Deutsche Gesellschaft für Natur- und Völkerkunde Ost Asiens, Tokio, Japan.	2		
Sarawak Museum, Sarawak, Borneo.			1
Tokio Geographical Society, Tokio, Japan.		5	
Queensland Museum, Brisbane, Australia.	1		1
Public Library of Victoria, Melbourne, Australia.	1		
Census Office, Sydney, Australia.		3	
Royal Anthropological Society, Sydney, Australia.		11	
Royal Statistical Society, Sydney, Australia.	1		
Minister of Mines, Tasmania, Australia.	1		1
Hungarian Central Bureau, Budapest, Hungary.	2	2	
Akademija Umiejetności, Krakau (Galicia), Austria.		2	
K. K. Universität Botanischer Garten, Vienna, Austria.		1	
Wiener Thierschutz-Verein, Vienna, Austria.		5	
Académie Royal de Belgique, Brussels, Belgium.	2		
Société Anonyme des Ateliers de Construction, Brussels, Belgium.			1
Société Belge de Géologie, de Paléontologie et d'Hydrologie, Brussels, Belgium.			1
Société des Ingénieurs d'Industrie et des Mines de Hainaut, Mons, Belgium.		2	
Board of Trade, Victoria, British Columbia.	2		

	Volumes	Parts and Numbers	Pamphlets
Chateau Ramzays Museum and Portrait Gallery, Montreal, Canada.....	1		
Board of Civil Service Examiners, Ottawa, Canada.....	1		
Central Experiment Farm, Ottawa, Canada.....	1	3	
Department of Indian Affairs, Ottawa, Canada.....	1		
Department of Inland Revenue, Ottawa, Canada.....	2		
Department of Marine and Fisheries, Ottawa, Canada.....	4		
Department of Parliamentary Papers, Ottawa, Canada.....	35	4	3
Department of Parliamentary Papers, Ottawa, Canada. .2 Maps.			
Department of Railways and Canals, Ottawa, Canada.....	1		
Department of Trade and Commerce, Ottawa, Canada.....	5	9	
Department of Trade and Navigation, Ottawa, Canada.....	4		
Government Printing Bureau, Ottawa, Canada.....	2		
Minister of Agriculture, Ottawa, Canada.....	1		
Minister of Finance, Ottawa, Canada.....	2		
L'Université Laval, Quebec, Canada.....	1		
Dominion of Canada, Meteorological Service, Toronto, Canada			1
Ontario Department of Agriculture, Toronto, Canada.....	6	8	2
Kongelige Danske geografiske Selskab, Copenhagen, Denmark.....			2
Zoological Museum, University of Copenhagen, Copenhagen, Denmark.....	1		
Monthly Arabic Journal of Science, Literature and Art, Cairo, Egypt.....		13	
Mortimer Museum of Archæology and Geology, Duffield, England.....	1		
Museums Association, London, England.....		1	
Société des Études Scientifiques, Angers, France.....	1		
Société Nationale d'Agriculture, Sciences et Arts, Angers, France.....	1		
Société d'Agriculture, Sciences, Arts et Commerce de la Char-eute, Angoulême, France.....	1	5	
Société d'Émulation d'Ain, Bourg, France.....	1	4	
Société des Études Littéraires, Scientifiques et Artistiques du Lot, Cahors, France.....			3
Société des Sciences Naturelles de Saône et Loire, Chalon-sur-Saône, France.....			3
Société d'Horticulture et de Viticulture de la Côte d'Or, Dijon, France.....			2
Société des Sciences Médicales de Gannat, Gannat, France....	11		
Société de Médecine et de Pharmacie de la Haute-Vienne, Limoges, France.....			11
Société d'Horticulture et d'Histoire Naturelle de l'Hérault, Montpellier, France.....			7
Librairie Française, Montrouge, France.....	1		1
Société des Ingénieurs d'Industrie et des Mines de Hainaut, Paris, France.....			1
XII ^{me} Congrès International des Americanistes, Paris, France..			1
Naturforschende Gesellschaft, Bamberg, Germany.....	1		
Gebrüder Borntraeger, Berlin, Germany.....			1
Deutsche Asiatische Gesellschaft, Berlin, Germany.....			1

	Volumes	Parts and Numbers	Pamphlets
Zoologisches Museum, Berlin, Germany.....		I	
Zoologische Sammlung zu Berlin, Berlin, Germany.....		I	
Kgl. Lyceum Hosianum in Braunsberg, Braunsberg, Germany.....			I
Königliches Mineralogisch-Geologisches und Prähistorisches Museum, Dresden, Germany.....			I
Königliche Oeffentliche Bibliothek, Dresden, Germany.....	I		
Naturforschende Gesellschaft zu Freiburg, Germany.....		I	
Deutscher Verein zum Schutze der Vögelwelt, Gera, Germany..		2	
Expedition der "Insekten-Börse," Leipzig, Germany.....		I	
Fürstliche Jablonowski'sche Gesellschaft der Wissenschaften, Leipzig, Germany.....			I
Verein zum Schutze der Vögelwelt, Leipzig, Germany.....	4		
Commerce Spécial de la Grèce avec les Pays Etrangers, Athens, Greece....	2	II	
Ministère des Finances, Athens, Greece.....		2	
Northwestern Provinces and Oudh, Allahabad, India.....		8	4
Agricultural and Horticultural Society of India, Calcutta....		5	
Bengal Chamber of Commerce, Calcutta, India.....	I		
Botanical Survey of India, Calcutta, India.....	I	2	
Government of India, Calcutta, India.....	I3	52	3I
Belfast Natural History and Philosophical Society, Belfast, Ireland.....	I		
Department of Agriculture and Technical Instruction for Ireland, Dublin, Ireland.....	3	I	
R. Accademia di Scienze, Fisiche e Matematici, Naples, Italy.....		3	
Ministero di Agricoltura, Industria e Commercio, Rome, Italy.....		I	
Società Romana di Antropologia, Rome, Italy.....		4	
Università di Sassari, Instituta Fisiologica, Sassari, Italy.....		I	
Estado Libre y Soberano de Oaxaca, Mexico, Mexico.....	I		
Instituto Médico Nacional, Mexico, Mexico.....		6	
Instruccion Publica Mexicana, Mexico, Mexico.....		16	
Frederick Muller & Co., Amsterdam, Netherlands.....			I
Rijks Ethnographisch-Museum te Leiden, Leyden, Netherlands.....	I		
Académie des Sciences et des Lettres, Christiania, Norway....			4
Norges Geologiske Undersøgelse, Christiania, Norway.....		28	
Statistiske Central Bureau, Christiania, Norway.....			I
Sociedade Broteriana, Coimbra, Portugal.....		3	
Bernice Pauahi Bishop Museum, Honolulu, Hawaiian Islands..	5		2
Edinburgh University, Edinburgh, Scotland.....	I		
Sociedad Científica Argentina, Buenos Aires, Argentina.....		II	
Universidad de la Plata, La Plata, Argentina.....		I	
Sociedad Geografica de Lima, Lima, Peru.....		3	
Instituto Agronomico do Estado de São Paulo, Sao Paulo, Brazil.....			I
Museo de Historia Natural de Valparaiso, Valparaiso, Chili...		3	
Real Accademia de Ciencias Exactas, Fisicas y Naturales, Madrid, Spain.....	I	I*	
Universit� Royale de Lund, Lund, Sweden.....		I	
Académie Royale Suédoise, Stockholm, Sweden.....	2	2	

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	Volumes	Parts and Numbers	Pamphlets.
Alabama. Geological Survey of Alabama, Montgomery.....			1
California. C. H. Shinn, Berkeley.....	41	295	44
C. R. Orcutt, San Diego.....		2	
Library, Leland Stanford, Jr., University, Palo Alto.....	5		
California Academy of Sciences, San Francisco.....	1	14	
San Francisco Free Public Library.....	1		
Colorado. Scientific Society, Denver.....		1	1
State Board of Agriculture, Denver.....	1		
Connecticut. State Board of Agriculture, Hartford.....	1		
Connecticut Academy of Arts and Sciences, New Haven.....	1		
Georgia. Geological Survey, Atlanta.....	1		1
Illinois. T. C. Chamberlin, Chicago.....	1		1
Chicago Academy of Science.....		1	
Field Columbian Museum, Chicago.....	2	9	1
John Crerar Library, Chicago.....		1	
University of Chicago.....		4	1
State Laboratory of Natural History, Urbana.....		2	
Indiana. C. H. Eigenmann, Bloomington.....	1		17
Academy of Sciences, Indianapolis.....	1		
Iowa. Academy of Sciences, Des Moines.....	1		
Geological Survey, Des Moines.....	1		
Historical Department of Iowa, Des Moines.....		5	
University of Iowa, Iowa City.....		1	
State Historical Society, Iowa City.....		3	
Kansas. Academy of Sciences, Topeka.....	1		
University, Lawrence.....		4	
State Board of Agriculture, Topeka.....		4	
Maine. University, Orono.....	2		1
Portland Society of Natural History, Portland.....		1	
Maryland. Geological Survey, Baltimore.....	2		
Johns Hopkins University Press, Baltimore.....	28	20	1
Massachusetts. Agricultural College, Amherst.....	3	39	
American Academy of Arts and Sciences, Boston.....		19	
Appalachian Mountain Club, Boston.....		2	1
Boston Public Library.....	1	9	3
Boston Society of Natural History.....	1	6	
State Board of Agriculture, Boston.....	2		
Archæological Institute of America, Cambridge.....		2	
Harvard College Astronomical Observatory, Cambridge.....	2	19	1
Museum of Comparative Zoölogy, Cambridge.....	3	7	
Peabody Museum of American Archæology and Ethnology, Cambridge.....	1	1	
Essex Institute, Salem.....	1		
City Library Association, Springfield.....	1		
Worcester Society of Antiquity.....	1		
Michigan. State Library, Lansing.....	10	17	1
Public Museum, Milwaukee.....	1		

	Volumes	Parts and Numbers	Pamphlets
Minnesota. Alex. N. Winchell, Minneapolis.....	1		
Minnesota Academy of Natural Sciences, Minneapolis...		1	
Geological and Natural History Survey, St. Paul.....	1		
Historical Society, St. Paul.....		1	
Missouri. University of the State, Columbia.....	1	2	
Missouri Botanical Garden, St. Louis.....	1		
St. Louis Academy of Science.....	1	6	
Nebraska. University, Lincoln.....	1	6	
New Hampshire. Prof. C. H. Hitchcock, Hanover.....			7
New Jersey. Free Public Library, Newark.....	1	4	1
Agricultural Experiment Station, New Brunswick.....		1	
Library, Rutgers College, New Brunswick.....	7	4	1
Geological Survey, Trenton.....	1	2	
Geological Survey, Trenton..... 2 Maps.			
New York. John M. Clarke, Albany.....	1		
State Museum, Albany.....	10	1	
University of State, Albany.....	7	7	
F. H. Lattin, Albion.....		11	
Frederick Braun, Brooklyn.....	3	34	49
R. Ellsworth Call, Brooklyn.....	8		2
Buffalo Society of Natural History.....		1	
Cornell University, Ithaca.....	4	14	
Natural Science Association, New Brighton, Staten Island.		9	
Academy of Science, Rochester.....		3	1
Geological Society of America, Rochester.....		9	1
Dr. Louis A. Di Zerega, New York City.....	9	116	1
George Wharton James, New York City.....	4		1
R. W. Shufeldt, New York City.....	2		7
J. J. Stevenson, New York City.....	5		2
American Chemical Society, New York City.....		11	
American Geographical Society, New York City.....	1		
American Institute of Mining Engineers, New York City.	1		75
American Numismatic and Archæological Society, New York City.....	1		
American Society for Prevention of Cruelty to Animals, New York City.....		12	
Columbia University, New York City.....	4		
Linneæan Society, New York City.....		1	
Mercantile Library, New York City.....	1	1	
Metropolitan Museum of Art, New York City.....	3		
New York Academy of Sciences, New York City.....		3	
New York Botanical Garden, New York City.....		7	1
New York Public Library, New York City.....		15	
New York Zoölogical Society, New York City.....	1	1	
Torrey Botanical Club, New York City.....		4	
North Carolina. Agricultural Experiment Station, Raleigh...		52	
H. H. and C. S. Brimley, Raleigh.....		15	
E. Mitchell Scientific Society, Raleigh.....		2	
Ohio. Cincinnati Society of Natural History.....		2	
Lloyd Museum and Library, Cincinnati.....		1	
Agricultural Experiment Station, Columbus.....		19	

	Volumes	Parts and Numbers	Pamphlets
<i>Ohio—Continued.</i>			
Ohio State Archæological and Historical Society, Columbus.	1	4	
Charles S. Prosser, Columbus.....	2	1	8
Dennison University, Granville.....		1	
Pennsylvania. Academy of Natural Sciences, Philadelphia...		5	
American Philosophical Society, Philadelphia.....		3	
Geographical Society of Philadelphia.....		4	
Students' Entomological Association, Philadelphia.....		4	
University of Pennsylvania, Philadelphia.....	18	12	7
Zoölogical Society of Philadelphia.....	1		
Carnegie Museum, Pittsburg.....	1		
Wyoming Historical and Geological Society, Wilkes-Barre.	1		
Rhode Island. Brown University, Providence.....	1		
Texas. Academy of Science, Austin.....	1		
Vermont. Fletcher Free Library, Burlington.....	1		
University of Vermont and State Agricultural College, Burlington.....	4	23	
Washington, D. C. Washington Academy of Sciences.....	1	12	1
Department of Agriculture.....	49	470	8
Department of Agriculture..... 56 Maps.			
Department of Interior..... 108 Maps.	38	21	
Department of State.....	21		
Smithsonian Institution.....	9		8
Treasury Department.....	5		
War Department.....	1		1
Wisconsin. Academy of Sciences, Arts and Letters, Madison.		1	
State Historical Society, Madison.....	2		
Geological and Natural History Survey, Madison.....	2		
Natural History Society, Milwaukee.....		2	
Wyoming. University of Wyoming, Laramie.....		4	
Canada. Le Naturaliste Canadien, Chicoutimi.....		14	
Fruit Growers' Association, Grimsby.....	1	10	
Hamilton Association.....		1	
Entomological Society of Ontario, London.....		11	
Natural History Society of Montreal.....		2	
Numismatic and Antiquarian Society of Montreal.....		4	
Geological Survey of Canada, Ottawa.....	1		
Geological Survey of Canada, Ottawa..... 1 Map.			
Ottawa Field Naturalists' Club.....	1		
Royal Society of Canada, Ottawa.....	1		1
New Brunswick Natural History Society, St. John.....		1	
Canadian Institute, Toronto.....	2		
University of Toronto.....	2		1
Manitoba Historical and Scientific Society, Winnipeg....	1	3	
Costa Rica. Museo Nacional, San José.....			1
Mexico. Biblioteca de la Secretaría de Fomento.....		18	
Direccion General de Estadistica.....	1	2	4
Museo Nacional de Mexico.....		5	1
Sociedad Cientifica "Antonio Alzate," Mexico.....	1		
West Indies. Dodd's Botanical Station, Barbadoes.....		1	
Agricultural Society, Trinidad, Port-of-Spain.....		9	1

	Volumes	Parts and Numbers	Pamphlets
South America. Prof. Carlos Berg, Buenos Aires, Argentina.			7
Museo Nacional de Buenos Aires, Argentina.....		2	
Direccion General de Estadistica, La Plata, Argentina....	3	5	
Museo de La Plata, La Plata, Argentina.....			2
Royal Agricultural and Commercial Society, Georgetown, British Guiana.....	1		
Museo Nacional de Montevideo, Uruguay.....		10	
Museu Paraense de Historia Natural e Ethnographia, Para.		1	
Biblioteca Nacional de Rio de Janeiro, Brazil.....	75		19
Société Scientifique de Chili, Santiago, Chili.....		2	
La Universidad, Santiago, Chili.....	8		
Museu Paulista, São Paulo, Brazil.....	1		
Museum de Valparaiso, Valparaiso, Chili.....		10	
Africa. Institut Egyptien, Cairo.....		9	
Colonial Secretary's Office, Cape Town.....			1
Department of Agriculture, Cape Town.....		26	
South African Museum, Cape Town.....	1	5	
Société Archéologique de Constantine, Algeria.....	1		
Institut de Carthage, Tunis.....		4	
Asia. Koninklijke Naturkundige Vereeniging in Nederlandsch-Indië, Batavia, Java.....	1		
Syrian Protestant College, Beirût, Syria.....	1		
Royal Asiatic Society (Bombay Branch).....	2		
Asiatic Society of Bengal, Calcutta, India.....		17	
Indian Museum, Calcutta, India.....	2	3	
Madras Government Museum, India.....	1	2	
Imperial University, Tokio, Japan.....			8
Australasia. Public Library, Museum and Art Gallery, Adelaide.....	1		
Royal Geographical Society, Adelaide.....	1	1	1
South Australian Zoölogical and Acclimatization Society, Adelaide.....	1		
Royal Society of Queensland, Brisbane.....	1		
Government Statistician and Registrar General, Hobart, Tasmania.....	1		
Field Naturalists' Club of Victoria, Melbourne.....		9	
Royal Society of Victoria, Melbourne.....		2	
Victoria Zoölogical and Acclimatization Society, Melbourne.....	1		
Geological Survey, Western Australia, Perth.....	1	1	
Australian Museum, Sydney.....		8	1
Department of Mines and Agriculture, Sydney.....	1		
Geological Survey of New South Wales, Sydney.....	1		
Government Statistician's Office, Sydney.....	1		
Linnæan Society of New South Wales, Sydney.....		4	
Royal Society of New South Wales, Sydney.....	1		1
Minister of Mines, Tasmania.....			12
New Zealand Department of Agriculture, Wellington....	1	18	
Austria-Hungary. Südslavische Akademie der Wissenschaften und Künste, Agram.....	1		
Central Bureau of Ornithology, Budapest.....	3		

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	Volumes	Parts and Numbers	Pamphlets
<i>England—Continued.</i>			
Geological Society of London.....	I	4	
Geologists' Association, London.....		5	
Linneæan Society of London.....	I	3	2
Royal Colonial Institute, London.....		8	
Royal Society, London.....	I	13	3
Zoological Society, London.....		8	
Manchester Field Naturalists' and Archæologists' Society.....		1	
Manchester Geographical Society.....	19	1	
Manchester Geological Society.....		7	
Literary and Philosophical Society, Manchester.....		3	
Museum, Owens College, Manchester.....		4	
Zoological Museum, Tring.....		4	
Hertfordshire Natural History Society and Field Club, Watford.....		6	
<i>France.</i>			
Société Linnéenne du Nord de la France, Amiens...		10	
Station Zoologique, Arcachon.....	2		
Académie de Vaucluse, Avignon.....		3	2
Société des Lettres, Sciences et Arts, Bar-le-Duc.....	I		
Société Académique, d'Archéologie, Sciences et Arts du Département de l'Oise, Beauvais.....		1	
Société d'Horticulture de la Gironde, Bordeaux.....		7	
Société des Sciences Naturelles de Saône-et-Loire, Chalon sur Saône.....		9	
Société Nationale des Sciences Naturelles et Mathématiques, Cherbourg.....	I		
Société d'Horticulture et Viticulture de la Côte-d'Or, Dijon.....		3	
Union Géographique du Nord de la France, Douai.....		5	
Société Libre d'Agriculture, Sciences, Arts et Belles-Lettres du Département de l'Eure, Évreux.....	I		
Société d'Horticulture, Fontenay-le-Comte.....		2	
Société des Sciences Naturelles et Archéologiques de la Creuse, Guéret.....		1	
Société Géologique du Nord, Lille.....	I		
Société Bretonne de Géographie, Lorient.....		3	
Faculté des Sciences de Marseille.....		9	
Muséum d'Histoire Naturelle, Marseilles.....		7	
Société d'Agriculture, Industrie, Sciences et Arts du Département de la Lozère, Mendon.....		4	
Société des Sciences de l'Ouest de la France, Nantes.....	I	2	
Feuilles des Jeunes Naturalistes, Paris.....		15	
Ministère de l'Instruction Publique et des Beaux-Arts, Paris.....			3
Ministère des Travaux Publics, Paris.....		II	
Société Entomologique de France, Paris.....	2		
Société de Géographie, Paris.....		II	
Société Géologique de France, Paris.....		9	
Société Zoologique de France, Paris.....	I		
Académie des Sciences, Inscriptions et Belles-Lettres, Toulouse.....		3	

	Volumes	Parts and Numbers	Pamphlets
Hawaiian Islands. Hawaii, Honolulu.....	6		2
Iceland. Hid Islenska Bokmentafjélag, Reykjavik.....	6		
Ireland. Flax Supply Association, Belfast.....		1	
Italy. R. Instituto Lombardo di Scienze e Lettere, Milan ...	1	5	
R. Accademia di Scienze, Lettere ed Arti in Rovoreto, Modena.....		5	
Società Toscana di Scienze Naturali, Pisa.....		2	
R. Accademia dei Lincei, Rome.....	1	35	
Musei di Zoologia ed Anatomia, Turin.....		25	
Netherlands. Koninklijke Akademie van Wetenschappen, Amsterdam.....	2		
Société Hollandaise des Sciences, Haarlem.....	1	1	
Nederlandsche Dierkundige Vereeniging, Leiden.....		1	1
Zealand Society of Sciences, Middelburg.....		1	
Norway. Stavanger Museum.....	1		
Kongelige Norske Videnskabernes Selskab, Trondjem....	1		
Nova Scotia. Nova Scotian Institute of Science, Halifax....		1	
Russia. Société des Sciences des Finlande, Helsingfors.....	5		
Société des Naturalistes, Kiew.....		1	
Société Impériale des Naturalistes, Moscow.....		6	
Société des Naturalistes de la Nouvelle-Russie, Odessa....	1		
Académie Impériale des Sciences, St. Petersburg.....		9	
Comité Géologique de la Russie, St. Petersburg.....		7	
Horæ Societatis Entomologicae, St. Petersburg.....	3		
Russisch Kaiserliche Mineralogische Gesellschaft, St. Petersburg.....	2	2	
Scotland. W. E. Clarke, Edinburgh.....		4	
Edinburgh Geological Society.....		1	
Philosophical Society of Glasgow.....	1		
Sweden. Kongliga Vetenskaps och Vitterhets Samhället, Gothenburg.....	1		
Kongliga Vitterhets, Historie och Antiquitets Akademien, Stockholm.....		1	1
Royal Swedish Academy of Sciences, Stockholm.....		12	
Société Entomologique, Stockholm.....		4	
Kongliga Universitetets Bibliotheket, Upsala.....	1	1	8
Upsala Universitet Mineralogisk-Geologisk Institutionen.			1
Switzerland. Naturforschende Gesellschaft, Basel.....	2	25	
Schweizerische Gesellschaft für die gesammte Naturwissenschaften, Bern.....	1		
Naturforschende Gesellschaft Graubündens, Chur.....	1		
Thurgauische Naturforschende Gesellschaft, Frauenfeld..	1		
Société Fribourgeoise des Naturalistes, Fribourg.....	3	3	
Société Vaudoise des Sciences Naturelles, Lausanne.....		4	
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- ✓ MAMMOTH CAVE CO., Mammoth Cave, Kentucky, through H. C. Ganter, Manager. ✓
1 Stalactite from Mammoth Cave, Ky.
- ✓ DR. F. C. NICHOLAS, New York City. ✓
Small lot of fossils from Jamaica, W. I.
- ✓ STEWART ESTATE, Marengo, Ind.
1 Stalactite from Marengo Cave, Ind.
- ✓ W. S. SNYDER, Watervliet, N. Y. ✓
2 Specimens of *Spirifer pertenuis*.
1 " " *S. audacula*.
3 " " *Grammysia circulus*.
1 " " *Orthoceras crotalum*.
1 " " *Grammysia bisulcata*.
5 Blocks of Graptolites.
2 " " Iron-manganese ore, all from quarry in Utica Slate near Watervliet, N. Y.
- ✓ FRANK SPRINGER, East Las Vegas, N. M. ✓
1 Large slab of *Uintacrinus socialis* from the Niobrara Chalk, Logan Co., Kansas.
- ✓ CALVIN TOMKINS, New York City. ✓
2 Specimens of Stromatopora and
1 Specimen of Fault-breccia from cement quarries near Rondout, N. Y.
- ✓ TRAITEL BROTHERS & CO. Through Professor H. C. Bumpus. ✓
5 Specimens of *Ammonites communis*.
2 " " *Ostræa gregaria*.
1 " " *Modiola bipartita*.
2 " " *Nucula strigillata*, all from Vallera, near Truville, France.
- ✓ U. S. NATIONAL MUSEUM, Washington, D. C. ✓
20 Specimens of *Lactira cambria* from Coosa Valley, Ala.
9 " " *Brooksella alternata* from Coosa Valley, Ala.
✓ 2 " " *Dactyloidites asteroides* from Middle Granville, N. Y.
- ✓ WYOMING HISTORICAL AND GEOLOGICAL SOCIETY, Wilkes-barre, Pa. ✓
1 Fragment *Sigillaria pittstoniana*, Lesq.
1 Block of shale with *Pecopteris cistii*, Br.

ALBERT ZANNG. ✓

About 50 specimens of *Rhynchochonella depressa*, Sowb., from the Cretaceous beds at St. Blaise, 3 miles from Neuchâtel, Switzerland.

✓ WM. ALEXANDER, Buffalo Gap, S. D. Through E. O. Hovey.
A large block of banded Jurassic sandstone.

BY PURCHASE.

- ✓37 Specimens of *Receptaculites* and other fossils from Robinett, Tenn.
- ✓2 " " *Orthoceras* and *Asaphus*.
- ✓9 " " Dictyophyton.
- ✓1 " " *Orthoceras* from Deadwood, South Dakota.
- ✓1 " " *Scaphites conradi* from Judith River, near Thunder Mts.
- ✓2 " " Baculites from Belle Fourche River.
- 4 " " *Scaphites warreni* from Black Hills.
- ✓5 " " Trilobites from Mt. Stephen, B. C.
- ✓1 " " *Spirophyton* from Chemung County, N. Y.
- ✓1 " " Cycad from Black Hills. ✓
- ✓1 " " Cycadoidea from Isle of Portland, England.
- ✓1 " " *Dictyophyton prismodictya* from Clarksville, Alleg. Co., N. Y.
- ✓6 " " *Camarocrinus marylandica* from Cumberland, Md.
- ✓10 " " *Sphaerocystites multifasciatus* from Cumberland, Md.
- ✓4 " " *Ancylocrinus bulbosus* from Charleston, Ind.
- ✓4 " " *Paracyclas occidentalis* from Watson Sta., Clark Co., Ind.
- ✓1 " " *Helicoceras stevensoni* from Beaver Creek, Wyo.
- ✓2 " " *Lytoceras batesi* from Shasta Co., Cal.
- ✓1 Large fossil fern, *Neuropteris rarineruis*, from Cape Breton, Nova Scotia.
- ✓1 Slab, about 4 ft. by 1 ft., of Orbicular Granite from Kartfors, Province of Örebro, Sweden.
- ✓8 Large cycad trunks and 7 fragments from Minnekahta, South Dakota.
- ✓6 Fragments Teredo borings from Ore Creek, north end of Black Hills, South Dakota.
- ✓1 Valve of *Orthis occidentalis*? from Black Hills, South Dakota?
- ✓4 Slabs bearing fish teeth from near Bear Butte, S. D.
- ✓1 Slab of *Goniobasis* from Sheridan, Wyo.
- ✓1 Slab of *Chemnitzia cerithiformis* from Wasatch Region, S. W. Wyo.

THROUGH MUSEUM EXPEDITIONS.

- ✓ IN PATAGONIA, through Barnum Brown. ✓
About 275 invertebrate fossils.
- ✓ IN WYOMING, through Barnum Brown. ✓
1 Block of fossil Teredo and several loose individuals.
- ✓ IN SOUTH DAKOTA AND WYOMING, by E. O. Hovey.
Collection of fossil invertebrates from the Jurassic strata of the northern, eastern and southern Black Hills.
Collection of cephalopods from the Ft. Pierre Cretaceous beds, near Buffalo Gap, S. D.

DEPARTMENT OF MAMMALOGY AND ORNITHOLOGY.

MAMMALS.

BY DONATION.

- ✓ BARNUM BROWN, New York City.
18 Skins and skulls of mammals from Patagonia.
- ✓ JOHN BURKE, New York City.
1 Bat.
- ✓ CENTURY COMPANY, New York City.
18 Skulls, horns, etc., mainly of Antelopes, from East Africa.
- ✓ CLARENCE LYMAN COLLINS, New York City.
1 Varying Hare, melanistic, from the Adirondacks.
- ✓ JOHN N. CUNNINGHAM, New York City.
1 Meadow Mouse.
- ✓ DEPARTMENT OF PUBLIC PARKS, New York City.
20 Monkeys, 1 Puma, 1 Leopard, 1 Lion cub, 1 Tiger, 1 Ocelot,
1 Coyote, 1 Seal, 3 Raccoons, 2 Bears, 1 Bison, 1 Aoudad, 1
Sheep, 1 Antelope, 6 Deer, 2 Elk, 1 Agouti, 5 Opossums.—
Total, 50 specimens, received in the flesh from the Central
Park Menagerie.
- ✓ C. A. DEYO, Schoharie, N. Y.
1 Opossum.
- ✓ C. F. FERRER, New York City.
1 Bat.
- ✓ C. L. FORBUSH, Capt. and Asst. Surgeon U. S. A., Philippine Islands.
1 Skull of *Galeopithecus*.
- ✓ Mrs. G. FURMAN, New York City.
1 Setter Dog.
- ✓ E. GAFFRON, New York City.
1 Puma skin and skull from Peru.
- ✓ DAVID J. GARDINER, East Hampton, N. Y.
1 Bison Cow.
- ✓ J. W. GIDLEY, New York City.
2 Horse skulls from Texas.
- ✓ JOHN S. HENNESSEY, New York City.
2 Gray Squirrels.
- ✓ J. CAMERON JENKINS, New York City.
Nest of Red Squirrel.
- ✓ JESUP NORTH PACIFIC EXPEDITION.
42 Skins of Foxes and other mammals from Siberia.
- ✓ DUKE OF LOUBAT, Paris, France.
120 Mammals from the State of Jalisco, Mexico.
- ✓ JOHN MATTHEWS, Stamford, Conn.
Malformed skull of Woodchuck.
- ✓ JOHN MILLER, Locust Valley, N. Y.
1 Albino Mole.

✓ Miss CHARLOTTE A. MORTON, Newburgh, N. Y.
 1 Ruby Blenheim Spaniel.

✓ NEW YORK ZOÖLOGICAL SOCIETY.

5 Orangs, 15 Monkeys, 5 Lemurs, 2 Otters, 3 Minks, 1 Coyote, 1 Fox, 2 Bears, 7 Deer, 3 Elk, 1 Moose, 3 Caribou, 1 Bison, 3 Peccaries, 1 Squirrel, 3 Prairie Dogs, 5 Beavers, 1 Porcupine, 2 Tree Porcupines, 2 Chinchillas, 6 Kangaroo Rats, 1 Capromys, 1 Armadillo, 2 Sloths, 1 Dasyure.—Total, 77 specimens received in the flesh.

✓ FRANCIS C. NICHOLAS, New York City.
 1 Monkey from Costa Rica.

✓ W. A. VAN RENSSELAER, Netherwood, Dutchess Co., N. Y.
 1 Skunk.

✓ CAPT. WIRT ROBINSON, U. S. A., West Point, N. Y.
 7 Mammals from Venezuela, mostly topotypes of recently described species.

✓ JOHN ROWLEY, New York City.
 1 Chipmunk.

✓ G. O. SHIELDS, New York City.
 1 Flying Squirrel from Texas.

✓ J. F. TAYLOR, Brooklyn, N. Y.
 1 Sperm Whale tooth.

✓ JAMES TEIT, Spence's Bridge, B. C.
 1 Woodchuck.

✓ PROF. E. C. STERLING, Adelaide, New South Wales, Australia.
 1 Skin and skeleton of *Notoryctes typhlops*.

✓ C. DuBOIS WAGSTAFF, New York City.
 1 Grizzly Bear from California, mounted.

✓ W. S. WRIGHT, North Beach Amusement Co.
 1 Sea Lion.

✓ LOUIS A. DI ZEREGA, M.D., New York City.
 3 Skins and 3 skulls of small mammals.

BY EXCHANGE.

1 Beaver from North Carolina and 40 specimens from South America.

BY PURCHASE.

1 European Bison skeleton, 2 Echidna skeletons, 155 small mammals from Mexico, 53 from Manitoba and Northwest Territory, 44 from Mexico and 200 from Venezuela.

THROUGH MUSEUM EXPEDITIONS.

✓ ANDREW J. STONE ALASKAN EXPEDITION.

16 Bears, 10 Moose, 16 Caribou, 14 Sheep, 1 Wolverine, 1 Red Fox, 1 Seal and 300 small mammals.

✓ SIBERIAN EXPEDITION.

400 Small mammals from northeastern Siberia, collected by N. G. Buxton.

BIRDS.

BY DONATION.

- ✓ MORTIMER PERCY ARNOLD, New York City.
✓ 1 Pheasant.
- J. L. BARNES, M.D., New York City.
1 Red-tailed Hawk.
- ✓ Mrs. WILLIAM BARR, Orange, N. J.
✓ 4 White-tailed Ptarmigan.
- E. H. BAYNES, Stoneham, Mass.
✓ 1 Corncrake.
- B. S. BOWDISH, Mayaguez, Puerto Rico.
✓ 11 Puerto Rican birds.
- ✓ DR. N. L. BRITTON, New York City.
✓ 1 Owl.
- FRANK M. CHAPMAN, New York City.
1 Gallinule.
- ✓ JOHN N. CHILDS, Floral Park, N. Y.
1 Prairie Warbler.
- ✓ H. C. DAVENPORT, East Orange, N. J.
1 Pheasant.
- ✓ DEPARTMENT OF PUBLIC PARKS, New York City.
12 Parrots, 9 Eagles, 3 Hawks, 5 Owls, 2 Condors, 1 Vulture, 5 Pheasants, 2 Grouse, 7 Swans, 1 Duck, 3 Gulls, 1 Pelican, 1 Murre, 1 Peacock, 1 Ostrich, 5 Grosbeaks, 1 Sparrow, 1 Crow.—
Total, 61 specimens, received in the flesh from the Central Park Menagerie.
- ✓ DUKE OF LOUBAT, Paris, France.
✓ 110 Bird skins from Mexico.
- ✓ ANDREW DURIE, Tremont, New York.
✓ 1 Peacock.
- WILLIAM DUTCHER, New York City.
1 Hawk, 1 Gull, 1 Sparrow, 3 Finches, 1 Tanager.
- ✓ C. LINCOLN FREE, Easton, Pa.
✓ 1 California Quail.
- GEORGE FORBES, JR., Agnosco, Md.
✓ 1 Carolina Chickadee.
- C. A. GILBERT, Madison, N. J.
✓ Nest of Gnatcatcher from Missouri.
- ✓ HENRY MINOR HUXLEY, New York City.
✓ 10 Birds from Syria.
- C. B. ISHAM, New York City.
✓ 10 Mexican birds.
- ✓ JESUP NORTH PACIFIC EXPEDITION.
✓ 27 Siberian birds.
- ✓ J. T. & J. P. KEMP, New York City.
✓ 1 Wood Thrush.
- ✓ JAMES KIESLING, New York City.
✓ 1 Junco.
- Miss E. LYON, Roseville, Staten Island, N. Y.
1 Crane.

✓ MRS. BANKSON T. MORGAN, New York City.
1 Case of mounted birds.

MRS. FREDERICK E. MOSER.
1 Albino Hummingbird.

NEW YORK ZOÖLOGICAL SOCIETY.

1 Eagle, 2 Crowned Pigeons, 1 Nicobar Pigeon, 1 Flamingo, 1 Cassowary.—Total, 6 specimens, received in the flesh.

H. T. ROSENBERG, Eastport, Long Island, N. Y.
2 Pea Fowls, 1 young Pheasant.

JOHN ROWLEY, New York City.
1 Flicker.

MISS A. SMITH, New York City.
Case of mounted birds.

MRS. ANNA J. SMITH, New York City.
1 Mounted Wood Duck.

G. O. SMITH, Townsend P. O., Va.
1 Great Blue Heron.

RICHARD PENN SMITH, Staten Island, N. Y.
1 Woodpecker.

MISS HARRIET STANLEY, Westchester, N. Y.
1 Barred Owl.

JOHN R. SWANTON, Skidegate, British Columbia.
1 Great Blue Heron, type of *Ardea herodias fannini* Chapman.

DAVID TOMLINSON, Yonkers, N. Y.
1 Woodpecker, 1 Cowbird.

J. TORRENCE, New York City.
1 Pelican.

✓ SIMON UHLMANN, New York City.
Case of mounted birds.

E. R. WARREN, Colorado Springs, Colorado.
16 Bird skins from Colorado.

ROBERT WEINCKE, Guttenburg, N. J.
1 Whippoorwill.

✓ MR. AND MRS. WILLIAM WHITE, New York City.
1 Mounted Snowy Owl.

MR. ROBERT WITKOW, New York City.
1 Weaverbird.

LOUIS A. DI ZEREGA, M.D., New York City.
300 Bird skins, mostly from New York State; small collection of nests and eggs.

BY PURCHASE.

623 Specimens from Venezuela, 465 from Mexico, 423 from various localities in North America.

THROUGH MUSEUM EXPEDITIONS.

✓ ANDREW J. STONE ALASKAN EXPEDITION.
300 Specimens, collected by J. D. Figgins.

✓ SIBERIAN EXPEDITION.
700 Specimens from northeastern Siberia, collected by N. G. Buxton.

DEPARTMENT OF ANTHROPOLOGY.

BY DONATION.

- 51 ✓ ANDREW E. DOUGLASS, New York City.
An archæological collection of upwards of 23,000 specimens collected in the United States. Archæological specimens from Egypt and various places in Europe. A collection of tobacco pipes.
- ✓ PETER NELSON, New York City.
3 Chipped and polished celts from Denmark.
- ✓ FRANK SCHMALL, New York City.
A pack of playing-cards with instructions, from Vienna.
- ✓ BERTRAND F. BELL, New York City.
A collection of archæological material from St. Clair County, Ill., and specimens of Mexican imitations.
- ✓ WILLIAM E. DODGE, New York City.
10 ✓ 2 Executioners' swords from Congo Free State.
- ✓ MRS. A. N. CARLETON, Brooklyn, N. Y.
Ethnological specimens from Rangoon, Burma.
- ✓ ELBERT WAKEMAN, Millneck, L. I.
13 ✓ Stone implements, rejects and quartz chips from Centre Island, Oyster Bay, N. Y.
- ✓ A. E. LARGE.
10 ✓ A collection from Raratonga.
- ✓ GEORGE U. S. HOVEY, White Church, Kan.
Photographs of stone objects found near three mounds at that place.
- ✓ BARNUM BROWN.
Collection of archæological specimens from Patagonia and Argentine Republic.
- ✓ J. L. GREEN, Morristown, N. J.
1 ✓ 1 Bannerstone.
- ✓ DUKE OF LOUBAT.
The Diguët archæological collection from northern Mexico. An ancient Mexican map of Teotihuacan. 3 Two reproductions of pre-Columbian Mexican Codices.
- ✓ DR. F. G. WIECHMANN, New York City.
14 ✓ Spears from Melanesia.
- ✓ HEBER R. BISHOP, New York City.
Cast of a Mexican jadeite breast-ornament.
- ✓ REV. GEORGE CORNWELL.
A Buddhistic idol.
- ✓ PROFESSOR E. C. STIRLING, Adelaide, S. Australia.
A basket and photographs of natives of Central Australia.
- ✓ SPEROS CONDOUNES, New York City.
15 ✓ Small Grecian figurines, lamps, and vases from Sparta.
- ✓ CLARENCE B. MOORE, Philadelphia, Penn.
Pottery vessels from mounds in Florida and Alabama.
- ✓ MRS. T. K. GIBBS, Newport, R. I.
60 Baskets and a box of dice from California.

- ✓
 2 MRS. A. E. NATHAN, Durango, Col.
 A skull of an Indian.
- ✓
 41 WOMAN'S UNION MISSIONARY SOCIETY.
 ✓ Ethnological specimens from New Guinea and China.
- ✓
 49 CENTURY PUBLISHING CO., New York City.
 ✓ The Glave ethnological collection from Africa.
- ✓
 54 GILBERT SANDERS, Trinidad, Col.
 ✓ 2 pottery objects from Pueblo Indians of New Mexico.
- ✓
 51 JOHN W. WARREN, New York City.
 ✓ 2 Celts and one chipped knife from Darling Range, West Australia.
- ✓
 11 BEN. FRANK McCARTON, New York City.
 ✓ Bark of a palm from Central America.
- ✓
 52 HARLAN I. SMITH, New York City.
 ✓ Archæological and ethnological collection mainly from Saginaw Valley, Mich.
- ✓
 3 BERTRAM C. BROOME, Jersey City, N. J.
 ✓ 6 Potsherds, 2 arrow-points and 1 smoothing-stone from San Miguel, Mex.
- ✓
 56 ROLAND STEINER, Grovetown, Ga.
 ✓ 3 Large models of fish-traps made by the negroes of Georgia.
- ✓
 9 PROFESSOR A. S. BICKMORE, New York City.
 ✓ Eskimo fur coat from Sandwich Bay, Labrador.
- ✓
 1 LIEUT. G. T. EMMONS, Princeton, N. J.
 ✓ Native bullet-mould, patterns and dice from Alaska.
- ✓
 66 SALUSTIS BEÉCHE, Valparaiso, Chili.
 ✓ A wooden figure used as talisman, carved by Indians of the Isle of Pascua.
- ✓
 15 MISS ELLEN COLLINS, New York City.
 ✓ A pottery jar from Socoro, N. Mex.
- ✓
 65 SIGNORS TORRES AND TORNERO, Chili.
 ✓ Photographs of mummified Indian found in an ancient copper-mine in Chili.
- ✓
 61 WILLIAM FRIEDMAN, New York City.
 ✓ Serpentine breast-ornament, a terra-cotta cylindrical vessel, bark-beater and pottery objects from Las Quebradas, Guatemala.
- ✓
 66 GEORGE FOSTER PEABODY, New York City.
 ✓ The Briggs collection of 440 Indian baskets from California, Oregon, Washington, British Columbia and Alaska.
- ✓
 1 EDWARD E. CRAFT, Glen Cove, N. Y.
 ✓ 16 Arrow and spear points.
- ✓
 2 E. P. MATTHEWSON, Montreal, Canada.
 ✓ Ethnological and archæological specimens from Peru, Chili and Bolivia.
- ✓
 14 MISS LULU HIGGINS, New York City.
 ✓ A stone idol from Cape Mount, Liberia, West Africa.
- ✓
 15 MRS. JOHN DUNN, New York City.
 ✓ Beaded purse made by Sioux Indians on Teton Range, Wyoming.
- ✓
 10 ALEXANDER CRANE, Econtuchka, I. T.
 ✓ A Seminole ceremonial pipe, shell bead necklace, arrow-point and medicine-bag.

✓ ARTHUR CURTISS JAMES, New York City.

An Ainu collection of costumes, jewelry, arms, medicines, household utensils, religious and ceremonial specimens, and a series of photographs relating to people, collected by Prof. Bashford Dean.

✓ EDWARD D. ADAMS, New York City.

A "Jefferson Peace Medal," from an Indian grave on the east side of the Potlatch River, at its junction with the Clearwater River, on the Nez Perces Indian Reservation, Idaho.

BY EXCHANGE.

✓ BERLIN ETHNOGRAPHICAL MUSEUM.

✓ Cast of a slab from British Columbia.

U. S. NATIONAL MUSEUM.

✓ Casts of copper figures, Queen Charlotte Is., B. C., and 16 Eskimo objects.

✓ PROVINCIAL MUSEUM, Victoria, B. C.

18 Casts of war-clubs, hammers, mortars, pestles and spear-points.

REV. GEORGE CORNWELL, Yorktown Heights, N. J.

An opium and a tobacco pipe, 3 shoes and a piece of tile from China.

BY PURCHASE.

✓ An Iroquois wampum condolence string. 30

✓ The Cronau collection of Eskimo, African and Sioux Indian ethnological specimens.

✓ Ancient Mexican map.

✓ The Heyde archæological and ethnological collection from Guatemala.

✓ 2 Iroquois wampum-belts.

✓ 1 Indian shirt, 2 pieces of jadeite, 2 pieces of terra-cotta and 2 pieces of stone.

✓ Ethnological collection from Korea.

✓ Collection of pottery figures from State of Jalisco, Mexico.

✓ The Gaffron Peruvian archæological collection.

✓ The Dorenburg Mexican archæological collection.

THROUGH MUSEUM EXPEDITIONS.

JESUP NORTH PACIFIC EXPEDITION. Provided for by Morris K.

✓ Jesup.

Ethnological collection from Thompson River region. Made by James A. Teit.

✓ Ethnological collection from Queen Charlotte Islands, British Columbia. Made by Dr. John R. Swanton.

✓ Ethnological collection from Alert Bay and vicinity, British Columbia. Made by George Hunt.

✓ Totem poles and house-posts from Queen Charlotte Islands, plaster casts of rock inscriptions from Vancouver Island. Collected by Dr. C. F. Newcombe.

✓ Collection of skulls from St. Lawrence Is., and ethnological specimens from northern Kamchatka, and from Indian Point, Siberia. Made by Waldemar Bogoras.

- ✓ 10 Collection of ethnological specimens from the Koryak, northern Siberia. Made by Waldemar Jochelson.
- ✓ 15 House-posts from Bella Bella, British Columbia. Collected by A. E. Large.
- ✓ 30 Archæological collection from Lower Yukon. Made by P. B. Randolph.

EAST ASIATIC EXPEDITION.

- ✓ 40 Ethnological collection from southern China. Made by Dr. Berthold Laufer.

NORTH AMERICAN INDIAN RESEARCH.

HUNTINGTON EXPEDITION. ✓ ✓

Collection of California basketry; also plaster casts of faces and hands of California Indians. Collected by Dr. Roland B. Dixon.

- ✓ 60 Collection of baskets made by Mission Indians of California. Collected by Mrs. M. M. Cross.

✓ MRS. MORRIS K. JESUP EXPEDITION.

- ✓ 20 Collection of ethnological specimens from the Gros Ventres, Assiniboine, Crow and Sioux. Made by Dr. A. L. Kroeber.

MUSEUM EXPEDITIONS.

- ✓ 40 Specimens collected among the Sac and Fox Indians by William Jones.
- ✓ 60 Collection of ethnological specimens from the Shoshone Indians. Made by H. H. St. Clair, 2d.

LUMHOLTZ-HRDLIČKA MEXICAN EXPEDITION.

- ✓ 30 Archæological material from Mexico, collected in 1898, by Dr. A. Hrdlička.

MEXICAN EXPEDITION. Provided for by the Duke of Loubat.

- ✓ 30 Collection of archæological specimens from Mitla, and plans and photographs of the ruins of Mitla, Mexico. Collected by M. H. Saville.

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

A large collection from the cliff-houses in Arizona and from ancient burial-places in New Mexico; a collection from the Hopi Pueblos, illustrating ceremonials, including nearly 100 Katchinas; a bride's trousseau; pottery and other objects; and a collection illustrating Navajo ceremonies.

EXPLORATIONS IN THE DELAWARE VALLEY, NEW JERSEY.

Provided for by Dr. F. E. Hyde.

- ✓ 80 A large collection of various archæological objects and human skeletons from ancient Indian sites and burial-places near Trenton, N. J.; stone implements from the glacial deposits in and near Trenton. Collected by Ernest Volk.

MUSEUM EXPLORATIONS IN COLOMBIA.

- ✓ 20 Archæological collection from several ancient tombs in Santa Marta; bow and poison arrows, and household implements of the Goajira Indians. Collected by Dr. Francis C. Nicholas.

MUSEUM EXPLORATIONS IN NEW YORK STATE.

- ✓ 10 Archæological material and Indian skeletons from ancient village sites and burial-places near Armonk, Neperhan Valley, Oyster Bay, Locust Valley and Glen Cove. Collected by M. R. Harrington.



BURDEN BASKETS AND OTHER FORMS, GRAND GULCH, UTAH.
Hyde Expedition.

BY THE DEPARTMENT.

- ✓ Casts of various Indians, made by Casper Mayer.
- ✓ Casts and photographs of whale-bone war-club, by courtesy of M. F. Savage.
- ✓ Photographs of hafted stone implements from an ancient copper-mine in Chili, by courtesy of Signors Torres and Tornero.

FROM DEPARTMENTS.

DEPARTMENT OF PALÆONTOLOGY.

A chipped quartz point from New Jersey.

DEPARTMENT OF GEOLOGY.

2 pestles and a tube from Lower California.

DEPARTMENT OF ENTOMOLOGY.

BY DONATION.

- ✓ VERY REV. E. A. HOFFMAN, D.D., L.L.D., New York City.
1,100 Butterflies from many localities.
- ✓ DR. G. LAGAI, Kny-Scheerer Co., New York City.
Megathymus neumægenti, from Arizona; *Dirphia hægei*, from Mexico; *Pyrgus polingii*, from Arizona; *Memythrus robinia*, *Thyce pistoria* and *Cychnus minus*, from California.
- ✓ MRS. S. V. V. HUNTINGTON, New York City.
Photograph and specimens of larva of *Hepialus virescens*.
- ✓ JOHN MATTES, New York City.
1 *Catocala alabamæ*, 1 *Catocala olivia*.
- ✓ S. L. WISE, New York City.
Butterflies from India.
- ✓ W. W. BLAKE, Mexico City, Mexico.
Book injured by bookworms.
- ✓ O. C. POLING, Quincy, Illinois.
Catocala junctura, from Arkansas; *Catocala babyaga*, from Arizona; *Catocala lacrymosa*, Quincy, Illinois; 2 *Euleucophaeus tricolor*, from Arizona; 1 *Catocala frenchii* co-type; 1 *Catocala dulicola*; 1 *Catocala nubilis* var. *apacha*, co-type.
- ✓ PHILIP LAURENT, Mt. Airy, Pa.
2 *Tenodera sinensis* and egg-masses; 2 *Lagochirus araneiformis*; a small collection of beetles from different parts of the United States.
- ✓ OTTO SEIFERT, New York City.
A small collection of insects from Florida: 22 *Olene leucophæa* and 12 *Arctia radians*.
- ✓ DR. E. O. HOVEY, New York City.
Insects from the Wyandotte and Mammoth Caves, Ky.
- ✓ CARL EICKEMEYER, Yonkers, N. Y.
Work of Carpenter Bee.
- ✓ CARLOS WERCKLE, New York City.
A few insects from Costa Rica, C. A.

78 *Vertebrate Palæontology—By Donation and Exchange.*

✓ Dr. EDWIN C. VAN DYKE, San Francisco, California.

2 *Cychnus velutinus*, var. *opacus*; 1 *Cychnus sinuatus*; 1 *Cychnus cristatus*; 1 *Cychnus obliquus*; 2 *Cicindela eureka*; 4 *Pterostichus*, sp. nov.

✓ CHARLES PALM, New York City.

1 *Sesia* sp. nov., from Arizona.

✓ Dr. E. B. SOUTHWICK, New York City.

Nest of Chimney Swift, infested with *Acanthia hirundinis*.

BY EXCHANGE.

✓ CHARLES DURY, Cincinnati, Ohio.

A number of rare Beetles.

THROUGH MUSEUM EXPEDITIONS.

3,200 Specimens from the Black Mountains, N. C. Collected by Wm. Beutenmüller.

✓ 800 Specimens from the vicinity of New York City. Collected by Wm. Beutenmüller and C. Schæffer.

DEPARTMENT OF VERTEBRATE PALÆONTOLOGY.

BY DONATION AND EXCHANGE.

✓ PROFESSOR H. F. OSBORN, New York City.

Turtle from the White River formation of South Dakota.

✓ Dr. S. P. LELAND, Chicago.

Parts of the bones of a fossil Camel from a zinc mine near Joplin, Mo.

✓ ROYAL MUSEUM, Stuttgart, Württemberg. Through Professor Eberhard Fraas.

Collection of specimens of fossil reptiles and mammals, including skulls of two rare and ancient crocodilians.

Complete skeleton, nine feet long, of a great Fish-Lizard or Ichthyosaurus, containing seven young Ichthyosaurs.

✓ UNIVERSITY MUSEUM, Lyons, France. Through Professor C. Depéret.

Casts of eight specimens of fossil mammals.

✓ KANSAS UNIVERSITY MUSEUM, Lawrence, Kan. Through Professor S. W. Williston.

Piece of chalk showing fossilized skin of a great Cretaceous Sea-Lizard.

✓ PROFESSOR A. M. MILLER, Lexington, Ky.

Plaster cast of teeth of a fossil Tapir found near Lexington, Ky.

✓ MUSEUM OF CHRISTIANIA, Christiania, Norway. Through Professor W. C. Brögger.

Complete skeleton of the Pigmy Hippopotamus from Madagascar.

✓ UNIVERSITY OF PENNSYLVANIA, Philadelphia.

Type specimens of two fossil mammals (*Cænopus simplicidens* and *Menodus pelioceras*) from the White River formation of Nebraska.

✓ M. J. E. YOUNGLOVE.

Tooth of a Mastodon.

✓ PROFESSOR JOSUA LINDAHL, Cincinnati, O.

Cast of the top of the skull of a fossil Peccary found near Cincinnati.

BY PURCHASE.

Blocks of sandstone containing foot-prints of fossil reptiles, from Turner's Falls, Conn.

Skeletons of modern Opossum, Cat, Raccoon and young Lamb.

Set of six lower teeth of Mastodon.

Parts of the skull of a new fossil Turtle.

Skeleton of a great Cretaceous Fish, *Porthus molossus*, from Kansas.

Skull and tusks of Mammoth, *Elephas imperator*, from Texas.

THROUGH MUSEUM EXPEDITIONS.

✓ JURASSIC OF WYOMING.

Ninety specimens of Dinosaurs, including about half the skeleton of the armored Dinosaur, *Stegosaurus*; a skull and a large part of the skeleton and other good specimens of the great carnivorous Dinosaur *Allosaurus*; limbs, parts of skulls and other specimens of amphibious Dinosaurs, or Sauropoda. From the "Bone Cabin Quarry" and a new quarry in the same region.

✓ TERTIARY OF COLORADO, Etc. Provided for by the Wm. C. Whitney fund.

One hundred and twenty-three specimens of fossil mammals, including complete skeletons of the three-toed horses, *Protohippus* and *Anchitherium*, Miocene Deer, *Blastomeryx* (direct ancestor of Virginia Deer(?)), and clawed Oreodont, *Agriocherus*, skulls and parts of skeletons of various Miocene Horses, Camels, Rhinoceroses, etc.

✓ TERTIARY OF NORTHERN TEXAS. Provided for by the Wm. C. Whitney fund.

Thirty-five specimens of fossil mammals, including eighteen skeletons or parts of skeletons of the three-toed horse, *Protohippus*, a nearly complete carapace, tail and large part of skeleton of a large Glyptodont, or armored Edentate; skull and jaws of a Mastodon and other specimens of fossil mammals of the Miocene and Pliocene epochs.

DEPARTMENT OF MINERALOGY.

BY DONATION.

✓ G. E. ANDERSON, New York City.—

2 Specimens of Silver ore.

1 " " Gold ore.

1 " " Copper ore.

1 " " Telluride of Lead.

1 " " Onyx and miscellaneous fragments, all from Yavapai Co., Ariz.

BARNUM BROWN, New York City. ✓

3 Specimens of Barite from Stirling, Col.

MISS M. W. BRUCE, New York City. ✓

1 Specimen of Banded Quartz from Madagascar.

E. C. CAMMANN, New York City. ✓

Miscellaneous specimens of minerals.

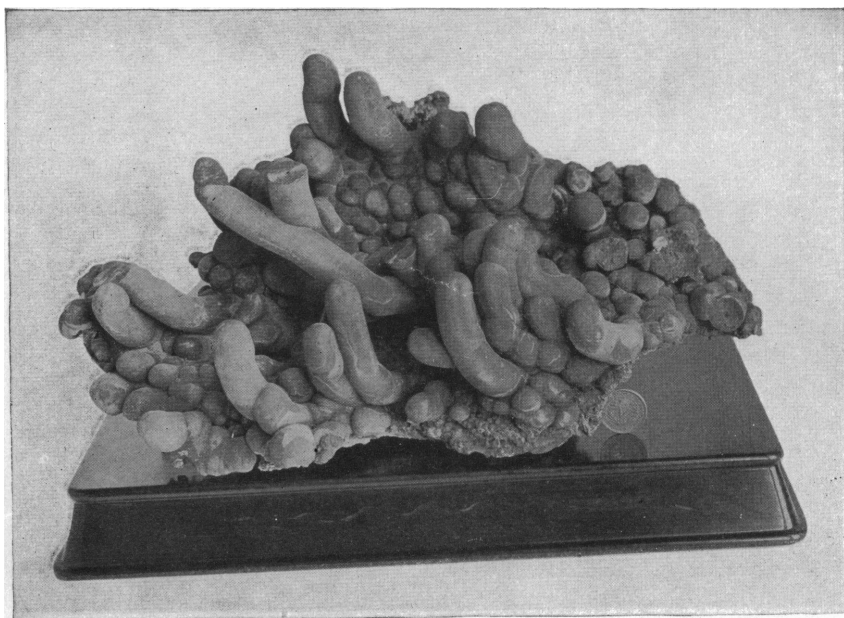
- RUSSELL T. CORNELL, New York City. ✓
 2 Specimens of Hematite.
 1 " " Magnetite.
 1 " " Pyrite.
 1 " " Stringer-cutting ore body, all from St. Lawrence Co., N. Y.
- JAMES LAWTON, New York City. ✓
 2 Pieces of Turf from the S. E. Cor. 18th St. and Fifth Avenue.
- W. W. McCRILLIS, Oxford Co., Maine. ✓
 3 Specimens of Muscovite from Oxford Co., Maine.
- J. PIERPONT MORGAN, New York City. ✓
 The Bement Collection of Minerals and the Gem Collection exhibited by Tiffany & Co. at the Paris Exposition of 1900. The Bement Collection contains more than 12,000 specimens and 580 Meteorites. The Gem Collection comprises 1,453 entries.
 1 Nugget of Gold from Sierra Co., Cal.
 105 crystals of Tourmaline from Haddam Neck, Conn.
 1 specimen of rutiled Quartz from W. Hartford, Vt.
- MARSHALL H. SAVILLE, New York City. ✓
 1 Specimen of Silver ore from Totolapa District, Mexico.
- I. B. SNIFFEN, New York City. ✓
 1 Specimen of rock, 168th St. and Eleventh Ave.
- W. S. SNYDER, Albany Co., N. Y. ✓
 7 Specimens of Manganese ore.
 7 " " Quartz.
 4 " " sintery Chert, all from Albany Co., N. Y.
- FRANCIS WATT, New York City. ✓
 31 Specimens of rock from rapid transit excavations.
- PROFESSOR R. P. WHITFIELD, New York City. ✓
 1 Aërolite from Pultusk, Poland (2.22 grams).
- LIEUT. J. W. WARREN ✓
 1 Specimen of Chalcopyrite.
 1 " " Hornblende.
 1 " " Magnetite.
 1 " " Quartz.
 1 " " Talcose Schist, all from Darling Range, Australia.

BY EXCHANGE.

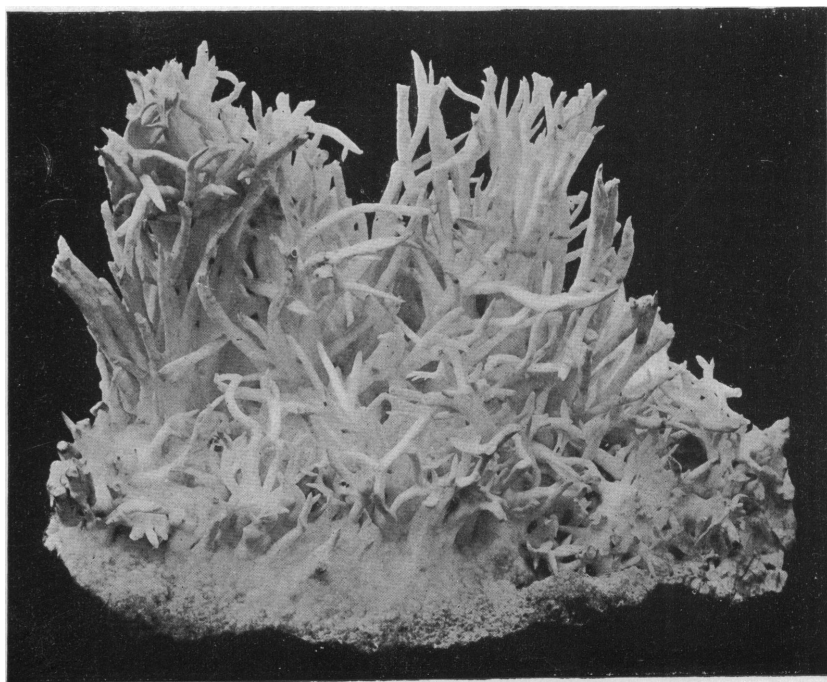
- ✓ 3 Specimens of Aquamarine from Grassy Creek, Mitchell Co., N. Y.
 3 " " Emerald in Matrix from Crabtree Mountain, N. C.
 ✓ 1 " " Chrysocolla, pseudomorph after Azurite, from Bisbee, Ariz.

BY PURCHASE ✓

- ✓ 1 Specimen of Ankylite from Narsarsuk, Greenland.
 ✓ 1 " " Cordylite from Narsarsuk, Greenland.
 ✓ 1 " " Domeykite from Keweenaw Co., Mich.
 ✓ 1 " " Elpidite from Narsarsuk, Greenland.
 ✓ 1 " " Enargite from Butte, Mont.
 ✓ 1 " " Epistolite from Greenland.
 ✓ 1 " " Narsarsukite from Narsarsuk, Greenland.
 ✓ 1 " " Picroallumogene from France.
 ✓ 2 " " Quartz from South Australia.
 ✓ 1 " " Sylvanite from Burra Burra, Australia.



MALACHITE FROM BISBEE, ARIZONA.



ARAGONITE ("FLOS-FERRI") FROM STEIERMARK, AUSTRIA.

Specimens in the Bement Collection of Minerals presented by J. P. Morgan, Esq.

DEPARTMENT OF CONCHOLOGY.

BY DONATION.

- W. BEUTENMÜLLER, New York City. ✓
Specimens of *Helix*, *Ferussacia*, *Mesodon*, *Patula*, *Pupa*, *Stenotrema*,
Vertigo and *Zonites* from the Great Smoky Mountains, N. C.
- ✓ E. C. CAMMANN, New York City.
A number of shells embracing *Cassis*, *Cypræa*, *Haliotis*, *Harpa*,
Murex, *Oliva*, *Pteroceras*, *Strombus* and *Triton*.
- F. A. CONSTABLE, New York City.
A collection of land and sea shells consisting of more than 200
specimens and 60 species from Japan.
An important section of his private cabinet, embracing about 18,000
specimens and 4,000 species of shells.
- ✓ J. W. COONAN, Nyack, N. Y. ✓
1 Specimen of *Limax maximus* from Nyack, N. Y.
- DUKE OF LOUBAT, Paris. ✓
Specimens of *Avicula*, *Aplysia*, *Barbatia*, *Bulla*, *Cerithium*, *Crucibulum*,
Haminea, *Lithodomus*, *Olivia*, *Petricola*, *Purpura*, *Terebra*, *Trivia* and *Sycotypus*.
- ✓ WALTER KRUMWIEDE, New York City. ✓
12 Bottles of small shells representing *Arca*, *Bulla*, *Conus*, *Columbella*,
Fusus, *Olivella*, *Tellina*, *Turritella* and *Turbo* from
Manila Bay, Philippine Islands.
- SLOMAN ROUSS, Jersey City, N. J. ✓
2 Specimens of *Tellina* from Cape of Good Hope.
- ✓ JOHN ROWLEY, New York City.
1 Specimen of *Oliva litterata* from Mobile, Ala.
- HARLAN I. SMITH, New York City. ✓
Specimens of *Lymnæa*, *Planorbis*, *Paludina* and *Physa* from Saginaw,
Mich.
- PROFESSOR R. P. WHITFIELD, New York City.
✓ 2 Specimens of *Cypræa exanthema* from Nassau, Bahamas.
✓ 1 " " *Arca occidentalis* from Bermuda.
- ✓ MRS. M. WITTHAUS, New York City.
2 Specimens of *Cardium hians* from Algeria.
2 " " " *pseudo-lima* from Zanzibar, Africa.
1 " " *Voluta imperialis* from Philippine Islands.
1 " " " *rossiniana* from New Caledonia.

BY EXCHANGE.

- ✓ 1 Specimen of *Anodonta cygna* from Ireland.
✓ 7 " " *Aplexa hypnorum* " "
✓ 5 " " *Buliminus obscuris* " "
89 " " *Helix* (15 species) " "
✓ 18 " " *Hyalina* (3 species) " "
✓ 11 " " *Hydrobia jenkinsii* " "
✓ 23 " " *Lymnæa* (3 species) " "
✓ 7 " " *Physa fontinalis* " "
✓ 7 " " *Sphaerium corneum* " "
✓ 19 " " *Succinea putris* " "
✓ 2 " " *Unio margaritifera* " "

- ✓ 2 Specimens of *Vivipara vivipara* from Ireland.
 ✓ 1 " " *Ancillaria cinnamomea* from Cape of Good Hope.
 ✓ 1 " " *Cancellaria foveolata* " " " "
 ✓ 2 " " *Desmoulea pyramidalis* " " " "
 ✓ 2 " " *Pythia plicata* " " " "
 ✓ 3 " " Siphonaria (3 species) " " " "

DEPARTMENT OF INVERTEBRATE ZOÖLOGY.

BY DONATION.

✓ E. G. WILLIAMS.

✓ 8 Specimens of Crayfish from Nashville, Tenn.

✓ I. H. GOODWIN, Florida.

✓ 2 Specimens of Coral from eastern seas.

✓ CAPT. C. L. FURBUSH, U. S. A., Philippine Islands.

✓ 1 Specimen of Glass Sponge from Cebu, Philippine Islands.

BY PURCHASE.

✓ 37 Siliceous Sponges from Japan.

✓ 3 Specimens of Corals from Tahiti.

✓ 2 Starfish from the west coast of America.

THROUGH MUSEUM EXPEDITIONS.

✓ IN PATAGONIA.

✓ Miscellaneous Invertebrates. Collected by Barnum Brown.

✓ IN ALASKA.

✓ Miscellaneous Invertebrates. Collected by J. D. Figgins.

✓ IN SIBERIA.

✓ 19 Crustaceans, 24 Mollusks, miscellaneous Invertebrates. Collected by N. G. Buxton.

DEPARTMENT OF REPTILES, BATRACHIANS
AND FISHES.

BY DONATION.

✓ C. A. DEYO, Schoharie Co., N. Y.

✓ 1 Python.

✓ DR. E. O. HOVEY, New York City.

✓ 1 Salamander from Wyandotte Cave, Ind., 2 Blindfish from Well Cave, Ind.

✓ NEW YORK ZOÖLOGICAL SOCIETY. ✓

✓ 1 *Python sebae* from Natal, South Africa.

✓ 1 Alligator Terrapin.

✓ 1 Tortoise from Nubia, Africa.

✓ 1 Tortoise from Abyssinia.

✓ 1 West Indian Terrapin.

✓ 1 Gila Monster.

✓ 1 Iguana.

✓ 1 Diamond-Backed Rattlesnake from Orlando, Alabama.

✓ 1 Cuban Boa, 1 Tortoise, 2 Turtles, 3 Pythons, 2 Rattlesnakes.

✓ DEPARTMENT OF PARKS, New York City.

1 Python, 1 Alligator, received from Central Park Menagerie.

1 Turtle, 1 Crocodile from Venezeula, received from the New York Aquarium.

HON. GEO. M. BOWERS, Washington, D. C.

193 Fishes from Porto Rico.

✓ DEPARTMENT OF PARKS, New York City.

2 Parrotfish, 1 Squirrelfish, 1 Trunkfish, from Bermuda, 2 Wall-eyed Pike, 1 Yellow Perch, from Susquehanna River, 1 Eel.

✓ F. G. BENNETT, Great Hill, Staten Island.

1 Sea Catfish.

✓ HANS SELEMANN, Perth Amboy, N. J.

1 Burrfish from Perth Amboy, N. J.

✓ W. I. DENYSE, Gravesend Bay, L. I.

1 Cutlassfish from Gravesend Bay.

BY PURCHASE.

1 Tarpon from the coast of Texas.

✓ THROUGH MUSEUM EXPEDITIONS.

IN PATAGONIA.

9 Reptiles, 53 Fishes. Collected by Barnum Brown.

✓ IN ALASKA.

10 Fishes, 1 Frog. Collected by J. D. Figgins.

✓ IN SIBERIA.

4 Reptiles, 6 Batrachians, 143 Fishes. Collected by N. G. Buxton.

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

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

ARTICLE VIII.

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

ARTICLE IX.

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

ARTICLE X.

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

ARTICLE XI.

Nine Trustees shall constitute a quorum for the transaction of business, but five Trustees meeting may adjourn and transact current business, subject to the subsequent approval of a meeting at which a quorum shall be present.

ARTICLE XII.

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

ARTICLE XIII.

The contribution of \$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.

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.*
 ABRAM S. HEWITT.
 C. VANDERBILT.*
 J. PIERPONT MORGAN.
 CHARLES LANIER.
 D. JACKSON STEWARD.*
 EDWARD CLARK.*
 A. G. PHELPS DODGE.
 JAMES BROWN.*
 A. T. STEWART.*
 S. WHITNEY PHENIX.*
 BENJAMIN H. FIELD.*
 WILLIAM T. BLODGETT.*
 OLIVER HARRIMAN.
 ROBERT BONNER.*
 JAMES B. COLGATE.
 ALEXANDER STUART.*
 WILLIAM A. HAINES.*
 BENJAMIN AYMAR.*
 RICHARD ARNOLD.*
 JOSEPH H. CHOATE.
 JONATHAN THORNE.*
 Miss PHEBE ANNA THORNE.
 D. O. MILLS.
 JOHN A. C. GRAY.*
 HEBER R. BISHOP.
 CHAS. G. 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.*
 CYRUS W. FIELD, JR.*
 JAMES ANGUS.
 HENRY VILLARD.*
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Hague, James D.	Hobby, J. Oakley	Iselin, Wm. E.
Hall, Mrs. John H.	Hochschild, Berthold	
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Halsted, Miss Mary M.	Hoe, Alfred G.	Jackson, Geo. T., M.D.
Hamilton, E. Horace	Hoe, Mrs. Robert	Jackson, John B.
Hanau, Alfred	Hoe, William J.	Jackson, Theodore F.
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Harris, Alfred	Holden, James C.	Jaffray, Robert, Jr.
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Hatch, Henry D., D.D.S.	Holt, Miss Lydia C.	Jenkins, Wm. L.
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Hazen, George H.	Hoyt, Samuel N.	Jones, Walter R. T.
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Hernsheim, Joseph	Hyde, Clarence M.	Kelly, Mrs. John
Heroy, Mrs. James H.	Hyde, Mrs. Augustus L.	Kemp, Edward
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Higgins, Francis		Kennedy, John S.
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Hilyard, George D.	Inslee, Mrs. Samuel	Ketchum, A. P.
Hinchman, Walter	Ireland, John B.	Kevan, William
Hinman, W. K.	Isaacs, Montefiore	Keyser, Miss Julia T.
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Hoadly, George	Iselin, C. Oliver	Kimbel, Anthony

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| Kimbel, Henry | Lewis, Frederic E. | Markoe, J. W. |
| King, William F. | Lewis, Mrs. John V. B. | Marlor, Henry S. |
| Kingman, Abel Willard | Lewis, Richard V. | Marshall, Charles H. |
| Kinnicutt, Dr. F. P. | Lewishon, Leonard | Marston, Edwin S. |
| Klatzl, John C. | Limburger, Ernest A. | Martin, Mrs. John T. |
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| Lagai, Dr. G. | Lord, Benjamin | McIntyre, Ewen |
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| Lapham, S. V. | Lummis, Wm. | Meredith, Wm. T. |
| Lathers, Richard | Lusk, Miss Anna H. | Mergentime, J. H. |
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| Lawrence, Cyrus J. | | Metcalfe, John T., M.D. |
| Lawrence, Emlen N. | Mabon, J. B. | Metz, Herman A. |
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| Lawrence, Mrs. Samuel | Mack, J. W. | Middleton, A. D. |
| Layng, James D. | Mackenzie, Duncan E. | Mildeberger, Mrs. John |
| Leale, Charles A., M.D. | Mackey, Oscar T. | Miltholland, John E. |
| Leaycraft, J. Edgar | Maclay I. W. | Miller, D. S. |
| Lee, Charles N. | Macy, George H. | Miller, Geo. Macculloch |
| Lefferts, William H. | Macy, I. Augustus | Mills, John T., Jr., |
| Legg, George | Mahl, Wm. | Mills, W. McMaster |
| Lehmaier, James M. | Maitland, Robert L. | Milmine, George |
| Lehman, E. | Malcolm, W. L. | Mitchell, Alfred |
| Leland, Amory | Man, William | Mitchell, Chas. E. |
| LeRoy, Alfred | Mansfield, Howard | Mitchell, Cornelius B. |
| Leshar, A. L. | Marc, Theophilus M. | Mitchell, John J. |
| Levine, Julius | Markle, John | Mitchell, Miss M. E. |
| Levy, Emanuel | Markley, T. W. | Moffat, George Barclay |

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Moore, Frederic P.	O'Connor, Thomas D.	Potter, Frederick
Moore, James A.	O'Rourke, John F.	Potter, Miss Martha
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Moore, W. H. H.	Packard, Mrs. S. S.	Powell, Wilson M.
Morewood, George B.	Paddock, Charles H.	Pray, Joseph M.
Morgan, George H.	Paddock, Eugene H.	Prince, J. Dyneley
Morris, Dr. Lewis R.	Palmer, Francis F.	Pryer, Charles
Morris, Henry Lewis	Palmer, N. F.	Purdy, Wm. Macneven
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Morris, Mrs. A. Newbold	Park, Joseph	Putnam, Mrs. Albert E.
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Morrison, Edward A.	Parish, Miss H.	Pyle, Jas. Tolman
Morrison, George A.	Parrish, James C.	Pyle, Wm. S.
Mortimer, Dr. W. G.	Parsons, Mrs. Edwin	
Moss, John H.	Parsons, W. H.	Quinby, J. R.
Mote, Henry	Patterson, Hon. Edward	Quintard, George W.
Muller, Carl	Patterson, Miss C. H.	
Murray, F. W., M.D.	Peabody, George Foster	Rawson, Edward S.
	Peck, Charles E.	Raymond, Charles H.
Navarro, Juan N.	Pell, Frederick A.	Read, Wm. A.
Nelson, Frank G.	Pell, John H.	Rees, Norman I.
Nelson, William	Pell, Stephen H. P.	Reilly, James
Nichols, George L.	Pellew, Henry E.	Reimer, Otto E.
Nichols, John W. T.	Penfold, Wm. Hall	Remick, Albert
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Nicholson, Miss Maud	Pentz, Frank R.	Rhineland, Chas. E.
Nisbet, William F.	Perkins, George W.	Rhoades, J. Harsen
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Olcott, E. E.	Pinkus, F. S.	Rogers, Henry H.
Olcott, F. P.	Platt, Isaac S.	Rogers, Noah C.
Ollive, Thos. S.	Platt, John R.	Roosevelt, Robert B.
Olyphant, R. M.	Platt, Mrs. Emma H.	Roosevelt, W. Emlen
Olyphant, Robert	Plympton, Gilbert M.	Root, Elihu
Oppenheimer, Dr. H. S.	Pond, Warren	Rosenbaum, H. C.
Otis, A. Walker	Poor, Mrs. Chas. Lane	Rothschild, J.

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

 Sabin, Joseph F.
 Sackett, Mrs. W. H.
 Saltus, J. Sanford
 Sands, Andrew H.
 Sands, Daniel C.
 Sands, Mrs. B. Aymar
 Sauter, Fred.
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 Schafer, Samuel N.
 Schafer, Simon
 Schefer, Carl
 Scheitlin, Edward
 Schermerhorn, J. E.
 Schernikow, Ernest
 Schiff, Mortimer L.
 Schirmer, Gustave
 Schley, Grant B.
 Schnitzer, William M.
 Schott, Charles M., Jr.
 Schramm, Arnold
 Schultze, John S.
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 Screven, John H.
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 Scudder, Moses L.
 Scudder, S. D.
 See, Mrs. Horace
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 Seligman, Isaac N.
 Sewell, 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, John W.
 Sinclair, John
 Sloan, Samuel
 Smillie, Charles F.
 Smith, Charles S.
 Smith, Dr. Geo. DeF.
 Smith, James Rufus
 Smith, Rev. Cornelius B.
 Smith, William Alex.
 Smith, W. Wheeler
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 Southack, Frederick
 Southworth, Edward W.
 Spencer, Samuel
 Spring, Miss Anna R.
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 Stanton, John
 Stanton, J. R.
 Starin, John H.
 Starr, Howard White
 Starr, M.A., M.D., LL.D.
 Stearns, John Noble
 Stearns, Louis
 Stebbins, Jas. H.
 Steers, Henry
 Steinway, Fred. T.
 Stephens, Benjamin
 Stern, Benjamin
 Stewart, Lisenard
 Stewart, William R.
 Stickney, J.
 Stiehl, Gustav H.
 Stone, Edwin
 Stone, Mason A.
 Stone, Mrs. Catherine C.
 Stone, Mrs. Georgiana C.
 Stone, Sumner R.
 Storm, Clarence
 Storm, George
 Stratford, Wm.
 Sturges, Henry C.

 Sturgis, F. K.
 St. John, Wm. M.
 Sulzberger, Cyrus L.
 Sutro, Mathilde E.

 Taggart, Rush
 Tailer, Edward N.
 Taintor, Charles N.
 Talcott, James
 Talmadge, Henry
 Taylor, Mrs. Aug. C.
 Taylor, George
 Taylor, Stevenson
 Tefft, F. Griswold
 Tefft, Wm. E.
 Tesla, Nikola
 Thomas, T. G., M.D.
 Thompson, J. Walter
 Thompson, L. S.
 Thompson, W. Prall
 Thomson, Giraud F.
 Thomson, Mrs. Eugene
 Thorne, W. V. S.
 Thorp, John R.
 Tierney, Myles
 Tiffany, Louis C.
 Tiffany, Rev. C. C.
 Tillinghast, W. H.
 Timpson, James
 Titus, E., Jr.
 Toel, William
 Tonnelé, John L.
 Toothe, William
 Tousey, William
 Towle, Mary J.
 Townsend, R. H. L.
 Townsend, R. W.
 Tracy, J. Evarts
 Trevor, H. G.
 Turnure, George E.
 Twombly, H. McK.
 Tyroler, James

 Ullmann, E. S.
 Underhill, Jacob B.

Valentine, Mrs. Lawson	Warren, Samuel D.	Wickham, Delos O.
Valentine, W. A., M.D.	Waterbury, John I.	Willcox, David
Van Brunt, Hon. C. H.	Watson, Miss Emily A.	Williams, George G.
Van Brunt, Cornelius	Weatherbee, Mrs. E. H.	Williams, Richard H.
Van Emburgh, D. B.	Webb, Mrs. W. H.	Wills, Charles T.
Van Ingen, Edward H.	Weber, Dr. Leonard	Wills, Wm.
Van Norden, Warner	Weed, Benjamin	Wilson, George
Van Norden, Warner M.	Weed, Geo. E.	Wilson, Henry R.
Van Nostrand, Chas. B.	Wehrhane, Chas.	Wilson, John
Van Vleck, Joseph	Welsh, S. Charles	Wilson, Washington
Van Winkle, Miss E. S.	Wenman, James F.	Wing, John D.
Van Winkle, Edgar B.	Wentz, James M.	Winthrop, Egerton L.
Veit, Richard C.	Wertheim, H. P.	Witherbee, Frank S.
Vermeule, John D.	Westcott, Robert E.	Wolfe, Anzonetta B.
Viele, Gen. E. L., U.S.A.	Westinghouse, George	Wolff, Emil
Voelker, John P.	Weston, Edward	Wolff, Lewis S.
Vogel, Herman	Wetherill, Mrs. J. B.	Wood, Mrs. Cynthia A.
Vredenburg, Wm. H.	Wetmore, Dr. J. McE.	Wormser, Isidor
	Whearty, Daniel C.	Wray, Miss Julia
Wagner, Frederic C.	Wheelock, G. G., M.D.	Wright, Miss F. E.
Walcott, A. S.	Wheelock, Wm. A.	Wright, Mrs. J. Hood
Wales, Salem H.	White, Horace	Wurzburger, A.
Walker, Mrs. Evan T.	White, John Jay, Jr.	
Walker, William I.	White, Miss Caroline	Youmans, Ephraim M.
Walker, W. W., M.D.	Whitehead, Charles E.	Young, Edward L.
Wallace, Lewis	Whitehouse, J. Henry	Young, E. F. C.
Wallach, Anthony	Whitin, Lewis F.	Zabriskie, Andrew C.
Warburg, F. M.	Whiting, Giles	Zickel, S.
Wardwell, Wm. T.	Whitney, Alfred R.	Zinsser, Aug.
Warner, Lucien C.	Wicke, William	Zinsser, Wm., Jr.
Warren, John Hobar	Wickes, Edward A.	Zollikoffer, O. F.

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Amy, H.	Evarts, W. M.	Robbins, S. Howland
Arnold, J. H. V.	Hardenbergh, J. P.	Roosevelt, Charles H.
Barclay, W. O.	Hartley, Marcellus	Soper, A. W.
Bauchle, Thos. H.	Hendricks, Clifford B.	Smith, Geo. W.
Beer, Julius	Kendall, Edward H.	Smith, John Jewell
Boos, Frederick	McAlpin, D. H.	Sutherland, John L.
Butler, Prescott Hall	McComb, J. Jennings	Tandy, Rev. P. W.
Chapin, E. S.	Malin, J. E.	Van Santvoord, A.
Clarkson, Frederick	Olmstead, Dwight H.	Walker, Aldace F.
Coffin, Charles H.	Owens, Mrs. Thos. J.	Weekes, John A.
Draper, Wm. H., Dr.	Parsell, Henry V.	Wright, Benjamin
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