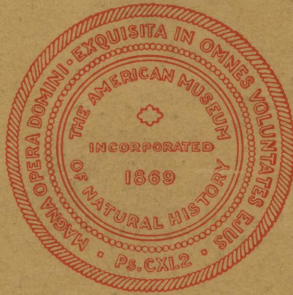


# THE AMERICAN MUSEUM AND THE UNIVERSITY



*"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."*

SIXTY-SECOND  
ANNUAL REPORT OF THE TRUSTEES FOR  
THE YEAR 1930 : : THE AMERICAN  
MUSEUM OF NATURAL HISTORY  
MAY 1, 1931

## SERIAL SCIENTIFIC PUBLICATIONS

### NATURAL HISTORY, Journal of The American Museum:

Volumes I-XXX, 1900-1930. An illustrated bimonthly magazine devoted to records of scientific research, exploration and discovery, of the development of museum exhibitions and of museum influence on education. Contributors include the scientific staff, explorers and Members of the American Museum and other eminent naturalists. Issued free to all classes of membership, or on subscription \$3.00.

### BULLETIN of The American Museum:

Volumes I-LX, 1881-1930. Scientific records of explorations and collections of the Museum, in Geology, Palæontology, Mineralogy, Zoology, and, originally, Anthropology. Distributed in exchange to over 400 libraries and institutions of science and learning throughout the world. \$5.00-\$10.00 per volume.

### ANTHROPOLOGICAL PAPERS of The American Museum:

Volumes I-XXXII, 1906-1930. Discoveries, explorations and researches in Archæology, Anthropology and Ethnology among the extinct and living races of man. Distributed to over 300 institutions and scientists throughout the world. 25c-\$5.00 a part.

### AMERICAN MUSEUM NOVITATES:

Nos. 1-448, 1921-1930. Devoted to publication of preliminary announcements and descriptions of new forms in the fields of Zoology, Palæontology, Geology and Mineralogy. 15c each.

### MEMOIRS of The American Museum:

Volumes I, III, VI and IX, 1893-1909; contributions by Whitfield, Osborn, Beutenmuller, Matthew, Lumlholtz, Emmons, Matthews, Brown, McGregor, Hussakof, Dean.

Volumes II, IV, V, VII, VIII and X-XV constitute the Jesup North Pacific Expedition Series.

Volumes I-III of the New Series, 1912-1921, devoted to Zoology and Palæontology, \$2.00-\$12.00 a part. This terminates the serial form of publication. Beginning with the forthcoming work by Henry Fairfield Osborn, "Evolution of the Proboscidea," the Memoirs will be issued without serial numbers.

## SPECIAL SCIENTIFIC PUBLICATIONS

### A REVIEW OF THE PRIMATES:

By Daniel Giraud Elliot, 1913. A monographic treatise in three quarto volumes. Paper, \$35.00; morocco, \$45.00.

### BIBLIOGRAPHY OF FISHES:

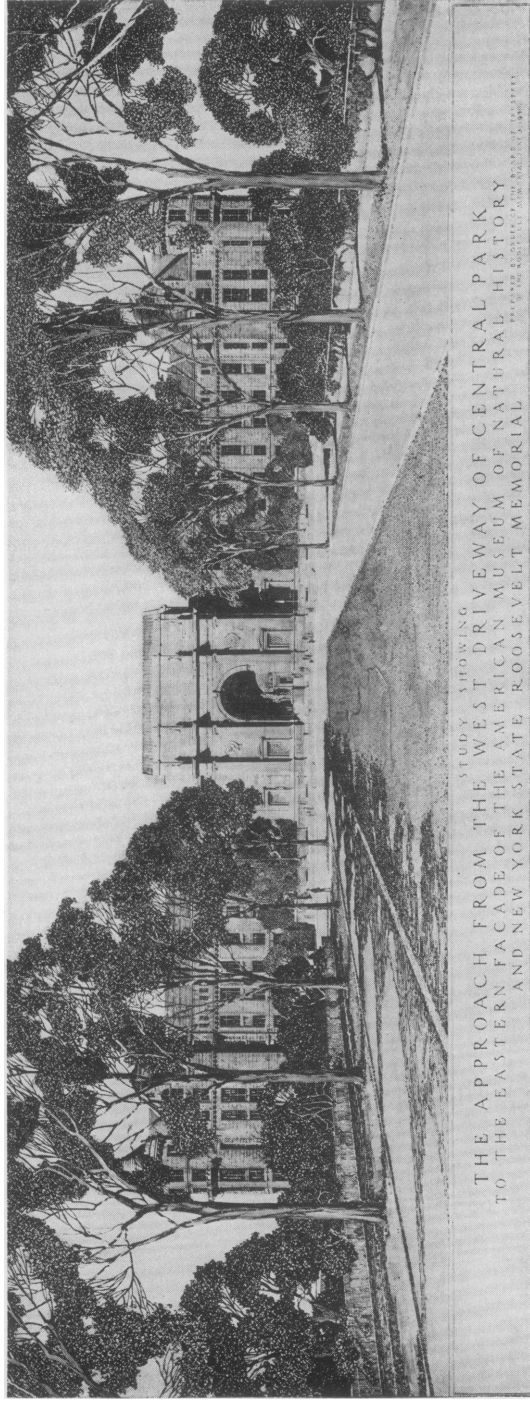
By Bashford Dean, 1916-1923, covering the entire literature of fishes to 1914 and embracing 45,000 titles arranged alphabetically by authors. 3 volumes, \$15.00.

### THE BASHFORD DEAN MEMORIAL VOLUME:

Article I, 1930. \$1.25.

(Publications continued on third page of cover)





STUDY SHOWING  
THE APPROACH FROM THE WEST DRIVEWAY OF CENTRAL PARK  
TO THE EASTERN FACADE OF THE AMERICAN MUSEUM OF NATURAL HISTORY  
AND NEW YORK STATE ROOSEVELT MEMORIAL  
DRAWN BY THE ARCHITECTURAL FIRM HUNNETT & COMPANY

**THE NEW YORK STATE ROOSEVELT MEMORIAL**

Being erected by the State of New York

According to the understanding between the City of New York and the State of New York at the Legislative hearing of March 18, 1924, the Roosevelt Memorial and new east façade of the Museum will be made readily accessible to visitors approaching from the east side of Central Park by a broad pathway or promenade. This will enter on Fifth Avenue from 80th Street at Central Park east, and pass beneath both east and west driveways so as to be absolutely safe for parties of school children and others from the crowded east side of the city

# THE AMERICAN MUSEUM AND THE UNIVERSITY



**"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."**

SIXTY-SECOND  
ANNUAL REPORT OF THE TRUSTEES FOR  
THE YEAR 1930 : : THE AMERICAN  
MUSEUM OF NATURAL HISTORY

THE CITY OF NEW YORK

Issued May 1, 1931



## THE AMERICAN MUSEUM PRESS, 1903-1930

Established in the year 1903 as a one-man, one-handlever press. The original purpose of the press was the printing of Museum labels. In 1905, an electrically driven job press. In 1918, monotype and first cylinder press installed, besides three job presses. In 1925, press included a foreman and 12 assistants; 3 job presses in use; 2 cylinder presses, one of these equipped with automatic feeder and pile delivery. In 1926, an automatic vertical job press was added.

Since 1926 no additional equipment and no new employees in the composing room and press room have been added, yet the output of printing has increased from 1,100,000 press impressions in 1927 to 2,187,000 press impressions in 1930. Practically all of the American Museum's scientific and administrative publications listed on the cover are printed by the American Museum Press, in addition to NATURAL HISTORY and a great variety of other kinds of printing.

HAWTHORNE DANIEL, Curator, Printing and Publishing  
IDA RICHARDSON HOOD, Curator, Library and Publications

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**THE AMERICAN MUSEUM  
AND THE UNIVERSITY  
1869-1930**

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**SIXTY-SECOND ANNUAL REPORT OF  
THE PRESIDENT OF THE AMERICAN  
MUSEUM OF NATURAL HISTORY FOR  
THE YEAR 1930**

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**REPORTS OF THE PRESIDENT AND  
OTHER OFFICERS  
MEMBERSHIP, HONORARY AND  
CONTRIBUTING**

*To the Members of The American Museum of Natural History:*

The FIRST ANNUAL REPORT of The American Museum of Natural History of the year 1869 was a pamphlet of thirty pages, written by Joseph H. Choate, a Trustee and Founder of the Museum. Beginning in 1921, the Reports by President Henry Fairfield Osborn have become contributions to the Theory and Practice of *Museum Education, Development and Creative Administration*, as indicated by the successive titles:

*THE AMERICAN MUSEUM IDEAL*, report of the year 1921, issued in 1922.

*THE AMERICAN MUSEUM AND CITIZENSHIP*, report of 1922, issued in 1923.

*THE AMERICAN MUSEUM AND THE WORLD*, report of 1923, issued in 1924.

*THE AMERICAN MUSEUM AND EDUCATION*, report of 1924, issued in 1925.

*THE AMERICAN MUSEUM ENDOWMENT*, report of 1925, issued in 1926.

*THE AMERICAN MUSEUM SCHOOL SERVICE*, report of 1926, issued in 1927.

*BUILDING THE AMERICAN MUSEUM, 1869-1927*, report of 1927, issued in 1928.

*THE SIXTIETH ANNIVERSARY ENDOWMENT*, report of 1928, issued in 1929.

*ENDOWMENT OF THE AMERICAN MUSEUM*, report of 1929, issued in 1930.

*THE AMERICAN MUSEUM AND THE UNIVERSITY*, report of 1930, issued in 1931.

Standard bound copies of these annual contributions to Education are issued to Educational Institutions, Libraries, and Museums, and to Members of the Museum. They include acknowledgment of all gifts and services to the Museum of the previous year. Additional copies will be sent on application addressed to the *Secretary of the Museum*.

# THE AMERICAN MUSEUM AND THE UNIVERSITY

## INTRODUCTION

**A**MIDST the thousand interests of a rapidly growing institution it is essential to keep in mind those which are of outstanding and immediate importance. In the beginning of our 63d year there are three such outstanding and most pressing interests, as follows:

*First:* the increase of our Endowment from the present inadequate figure of \$15,000,000, in January, 1931, to the amount of \$22,500,000 needed for the Budget of the year 1933, when our present building program of \$16,000,000 is completed and the exhibition halls, laboratories and lecture halls are in full operation.

*Second:* through the advancement of American culture and civilization a broadening and intensifying of our cooperative or *liaison* system with the Universities, Colleges, Rockefeller, Carnegie, Harkness and other endowed research and exploring institutions.

*Third:* the planning and completion of the northerly, easterly and southerly approaches to the two great future entrances of the American Museum, namely, the superb Roosevelt Memorial entrance on 79th Street and Central Park West, which is especially designed for public attendance and the New York State educational system. Also the old South Entrance on 77th Street which is especially designed for the local school, college and university attendance of the City of Greater New York, and enviroing cities within the present thirty mile radius.

Each of these great outstanding present purposes of the years 1931 and 1932 is intertwined with, and interdependent upon, the others. The Museum on January 1st, 1933, will find itself unable to carry out its University, College, Normal and High School, and Public School educational program, without the additional endowment of \$7,500,000.

Without the increased *liaison* or cooperative relation with the great body of advanced scholars and research students within Greater New York, the Museum will fail to utilize

to the fullest capacity its unrivaled educational materials and resources gathered by expeditions and explorations in all parts of the world and assembled in its exhibition halls and research collections at a grand total outlay, between the years 1908 and 1930, of \$19,402,216.71.

The City and State have *combined on the common ground of great public educational purpose* in appropriations of \$16,000,000 for building alone. The building figures are as follows:

Total cost of building and equipment from	
1870-1907 inclusive.....	\$5,000,000.00
Total cost of building and equipment from	
1908-1932 inclusive.....	<u>11,000,000.00</u>
Grand total cost of building and equip- ment 1871 to end of 1932.....	\$16,000,000.00

The Trustees are presenting, for planning and construction under the Commissioner of Parks, at an estimated cost of \$1,750,000, Section 20, Australian Hall, in the northeast corner, to complete the new Central Park east façade of the American Museum, and the Planetarium, Section 18, in the northeast court.

In the 39th to 61st Annual Reports the President has clearly set forth the entire Museum and Central Park program as founded upon the original Green-Olmsted-Vaux building plans of 1875, also the 60th Anniversary Endowment Fund program.

#### ORIGINAL EDUCATIONAL PLANS AND PURPOSES OF CENTRAL PARK, 1857-1869

Americans whether in or out of political life have never been known to fail when a public educational need is clearly and forcibly demonstrated. Since 1875 the City of New York has without hesitation united with the State of New York in advancing the great educational building program of the American Museum as conceived in 1869-1870 by Andrew H. Green, President and Comptroller of Parks (1858 to 1870) and subsequently "Father of Greater New York."

The vast building, now of 25 Sections, including the 4 Court Buildings, was located and designed as to original ground plan of 21 Sections, situation, and easterly approaches on Manhattan Square by Frederick Law Olmsted, Landscape Architect, September 17, 1875<sup>1</sup>.

The present 62d Annual Report<sup>2</sup> may appropriately open with an historical review of the Original Educational Plans and Purposes of Central Park in the foundation period of 1857-1869. These original plans and purposes have been entirely lost sight of in recent years and both the American and Metropolitan Museums have come to be regarded as *encroachments* instead of as integral parts of the original Central Park System.

Between the years 1857 and 1869, the foundation period of Central Park, popular education in Science, Art, History, and Literature, combined with the beauty and inspiration of Nature, was the prominent motive in securing financial support for a great and costly enterprise. Popular education then as now made the stronger appeal to the public. Accordingly Andrew H. Green, as the most prominent citizen of the period and first Comptroller of the Parks, wrote these educational motives into the State and City Charters and Contracts. Frederick Law Olmsted and Calvert Vaux unhesitatingly located in Central Park embracing Manhattan Square, several scientific institutions, including above all the superb ground plans of the American and Metropolitan Museums. Fortunately for the people of our generation, we have a full written and documentary record, as well as all the original plans of Olmsted and Vaux and addresses of the Commissioners of Parks. From the above documents the following resumé may be made.

The construction of Central Park, begun in 1857, the first Vaux-Olmsted plan of 1858, the establishment of the Department of Public Parks in 1870, and the broad artistic, scientific and educational plans were continuously fostered by Andrew H. Green, Father of Greater New York, who

<sup>1</sup>"Diagram indicating proposed modification of the design of Central Park, adaptation to requirements growing out of the proposed improvements on Manhattan Square, September 17th, 1875." Frederick Law Olmsted, Landscape Architect.

In Board, September 17, 1875. Approved and the design provisionally adopted, except in respect to the archway, foot approaches to Manhattan Square. Wm. Irwin, Secretary, Department of Public Parks.

<sup>2</sup>The 62d Annual Report of The American Museum of Natural History.

between 1857 and 1870 served as President of the Commissioners of Central Park and as Comptroller of Parks. Popular Education was his controlling ideal.

Central Park Ideals of ANDREW H. GREEN,<sup>1</sup> 1857-1870. On April 17, 1857, the Legislature passed an act confining the boundaries of Central Park and appointed a body of eleven commissioners of Central Park, each to hold office for five years and to receive no compensation; this body included Andrew H. Green. April 30, 1857, the Commission was organized and Andrew H. Green was made Treasurer June 9, 1857. As a former President of the Board of Education he had broader and larger educational views than any of his colleagues. In 1858 he was elected President of the Commissioners of Central Park and on September 15, 1859, he was made Comptroller of the Park and for the next ten and one half years the construction of Central Park was prosecuted under his personal direction. September 11, 1857, Frederick Law Olmsted was appointed Superintendent of Central Park. April 28, 1858, Olmsted and Vaux won the first prize for the competition for laying out Central Park; Olmsted became Architect-in-Chief with the very efficient cooperation of Calvert Vaux. Early in 1859 the Park was enlarged from 59th to 110th Street, between Fifth and Eighth Avenues; the awards for the whole of Central Park aggregated \$6,291,016.30.

In 1859 Andrew H. Green spoke of the desire for "healthful recreation and exercise, and the taste for the natural beauties of the Park." An astronomic observatory was approved by the Board January 6, 1859; in 1860, the Commissioners welcomed observatories, museums of natural history, zoological and botanical gardens and galleries of art, but deemed it proper that the means for their establishment, maintenance and arrangement should be derived from private sources; in 1861 on Andrew H. Green's motion a Conservatory was erected for public use and enjoyment. From 1859 to 1863 Andrew H. Green never ceased to insist on the necessity of incorporating in the Park zoological and botanical gardens; he welcomed a zoological collection worthy of the city as ancillary to "that great free public educational system which he called already the pride of the city." In 1865 (December 30), Andrew H. Green renewed his support of the zoological garden.

In the report for the year ending December 31, 1861: "The Board desired to encourage, under proper organizations, the establishment within the Park of collections of art and of science, of botanical and zoological gardens, that combine instruction with amusement." This educational policy is reiterated to the exclusion of all other enterprises and purposes. This was the first step towards the half private, half municipal support, under

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<sup>1</sup>THE LIFE AND PUBLIC SERVICES OF ANDREW HASWELL GREEN, by John Foord. Doubleday, Page and Company, Garden City, New York, 1913.



which the American and Metropolitan Museums were founded in 1869-1870. In August and September, 1868, Andrew H. Green went abroad for the purpose of studying the park systems and other municipal features of European cities.

At the close of the year 1868 came the American Museum offer as follows: December 30, 1868, Theodore Roosevelt and others addressed the Park Board regarding the establishment of a Museum of Natural History. ". . . Comptroller Green replied, concurring in the desirability of establishing in the Park a museum which should become an aid to the educational system of the city. In 1869 he elaborated this idea in one of his cogent public papers, in which he went into the history of such collections abroad, and showed the particular need of them in a democratic country and the desirability of placing them in large cities where their usefulness would be greatest. He advocated the teaching of natural history in the public schools and the establishment of the museum to afford facilities for its study. . . . 'The time has therefore arrived when the attention of all interested in education in this city may be fitly drawn to the Central Park—to what is already accomplished there, and for what is further preparing to be done, to render it a great store-house of appliances for the mental improvement of the youth of our city.'

April 5, 1870, the Legislature broke up the original Park Commission by placing the management of the Parks in charge of a board of five commissioners appointed by the Mayor, who included Andrew H. Green, on the new Board of five; the original commissioners endorsed Andrew H. Green's ten years' administration.

Education, Science and Art were correlated throughout with the beautiful landscape development of Olmsted and Vaux, between the years 1857 and 1871. In 1869 and 1870, Olmsted and Vaux eagerly welcomed the foundation of the American Museum (1869) and the Metropolitan Museum (1870) and planned the sites and approaches for each. Within their original plans, copied in the Report of 1871, are mentioned an Arsenal Museum, a Museum of Natural History, a Zoological Garden, an Observatory, a Conservatory of Plants, several of which are located on the Olmsted-Vaux Central Park map of April 20, 1871, namely, the Humboldt Monument (1), the Conservatory (42), proposed Art Museum and Hall (43), and Museum Arsenal and Park offices (3).<sup>1</sup>

<sup>1</sup>First Annual Report of the Board of Commissioners of the Department of Public Parks for the Year ending May 1, 1871. New York, 1871. This Report was disavowed both by Andrew H. Green and Messrs. Olmsted and Vaux because it appeared under the political auspices of Mayor A. Oakey Hall and Comptroller Peter B. Sweeny.

These educational purposes were written into the original charter of the State and Contract with the State as shown in the following excerpts:

*An Act to Incorporate The American Museum of Natural History, April 6, 1869:*

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

“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.

*Contract with the Department of Public Parks:*

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

*“An Act providing for the Construction of a Free Public Education Building as a Memorial to Theodore Roosevelt . . . ,” Chapter 265 of the Laws of 1930 (An Act to amend chapter six hundred and fifteen of the laws of nineteen hundred and twenty-four. . . . Became a law April 1st, 1930, with the approval of the Governor).*

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

As a tribute to the memory of Theodore Roosevelt there shall be erected, at a cost to the state of not exceeding three million five hundred thousand dollars (\$3,500,000), in the city of New York upon a site provided by the authorities of such city, adjacent to the American Museum of Natural History in such city, an education building, chiefly for the benefit of the youth of the state, which shall hereafter be known as and become the New York State Roosevelt Memorial. Such city is hereby authorized to dedicate to the state the site therefor.

Andrew H. Green, in January, 1869, wrote the following significant letter<sup>1</sup> to Messrs. Roosevelt, Choate, Morgan and other Founders of The American Museum of Natural History:

GENTLEMEN:

The Commissioners of the Central Park have received your communication, in which inquiry is made if they are disposed to provide the reception and development of a large and valuable collection, as a nucleus of a Museum of Natural History.

The Commissioners appreciating the views you so kindly express entirely concur in the desirability of the establishment of a Museum in the Park, that shall become an aid in the Great Educational System of the city, concentrate and develop Scientific efforts in all departments of Natural History, and at the same time be an instructive and acceptable resort for the people of the city, and for the throng of strangers that visit it.

The Commissioners of the Park will very gladly receive the collection to which you allude, and will use their best exertions toward the establishment of a Museum of Natural History, of an extent and excellence in all its departments that will be creditable to the city, and in their efforts towards the development of such an institution the Commissioners of the Park will highly esteem your valuable co-operation.

I am, gentlemen, with great respect,

ANDREW H. GREEN,  
Comptroller of the Central Park.

In the following year Comptroller Andrew H. Green wrote to the Chairman of the Executive Committee of the American Museum, as follows:

... permit me to express, on behalf of the Park Commissioners, their high appreciation of the enlightened sentiment that has provided so generously for all interested in this department of science, and, at the same time, the hope that this auspicious beginning may, by the continued augmentation of similar liber- alities, become an unequalled treasury of science alike honorable to the public spirit of the citizens by whom it has been inau- gurated, and an indispensable aid to those engaged in efforts to increase the knowledge of the science that it is intended to illustrate.<sup>2</sup>

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<sup>1</sup>The First Annual Report of The American Museum of Natural History, January, 1870 New York. (Written by Joseph H. Choate.) Pages 17-18.

<sup>2</sup>The First Annual Report of The American Museum of Natural History, January, 1870 Page 20.

Under the guidance of the Trustees, the first American Museum section on Manhattan Square was planned and the cornerstone laid by President Ulysses S. Grant, June 2d, 1874. Among several addresses were those of Robert L. Stuart, second President of the Museum, and H. G. Stebbins, President of the Department of Parks, from whose address may be taken the following excerpts:

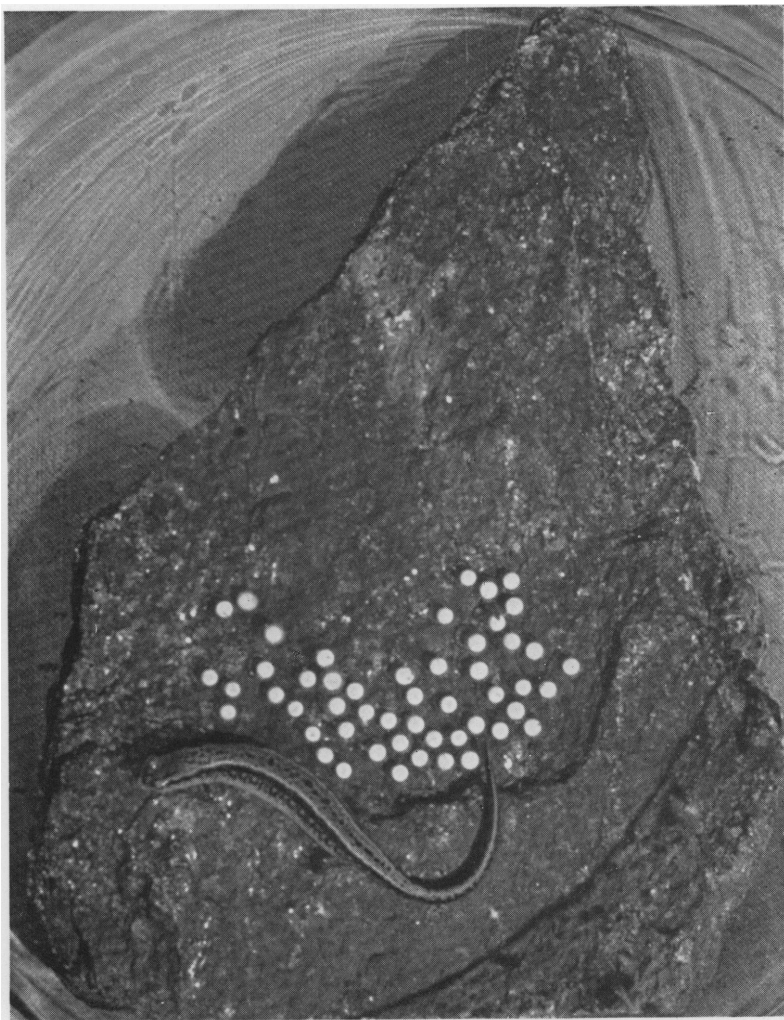
. . . To the stranger who comes here to-day these rugged foundation walls and these rough surroundings are not well calculated to make a pleasant impression; but to us who have watched the rapid growth northward of this city, and who were familiar with the barren and rocky ground upon which the Central Park has been created, it requires but little strain upon the imagination to conceive of the speedy occupation of all these vacant lots by substantial dwellings, and to picture to ourselves the spot upon which we now stand, known as Manhattan Square, as covered by the proposed Museum of Natural History, costing, ere its final completion, not less than \$6,000,000, and embracing a collection of objects of scientific interest second to none other in the world. . . .

With the hearty co-operation of the Natural History Society, sustained by the genius of Olmsted and the architectural skill of Vaux, and certain of the sympathy of an enlightened people, the Department of Public Parks looks confidently forward to the successful completion of the magnificent scheme, the commencement of which may now be pronounced as fully inaugurated.<sup>1</sup>

In the year 1896, the Andrew H. Green tradition of the union of Education, Science, Nature, Conservation and beautiful landscape treatment, was passed on to Henry Fairfield Osborn when he succeeded Andrew H. Green in the leadership of the Zoological Society and artistic and scientific development of the Bronx Zoological Park. Out of the Zoological Park training, and led by the men who were trained in its service, came the unparalleled Bronx Parkway, the Westchester Park Commission, the beautiful new Yonkers and Sawmill Valley Parkways.

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<sup>1</sup>The Fifth and Sixth Annual Reports of The American Museum of Natural History. December 1st, 1874. New York, 1874. Pages 41, 42.



DEPARTMENT OF HERPETOLOGY AND EXPERIMENTAL BIOLOGY  
Salamander and Eggs

Doctor Noble's experiments have shown that by injecting a salamander with extract of the pituitary gland, the salamander will lay its eggs out of season



**SUMMARY**

*From 1857 to 1930, both in the State and in the City, free public education of the people has been the dominant note in all legislation and all appropriations, in literal fulfilment of the Central Park ideals of Andrew H. Green, the founder of Central Park and one of the Founders of The American Museum of Natural History.*

**ACCESSIBILITY TO THE EAST SIDE**

The popular inspirational and educational influence on young and old, to which the City of New York and public-spirited citizens combined have since 1908 contributed upwards of \$30,000,000, cannot be fully realized and capitalized until the Museum is made readily accessible to the greater part of the six million people now residing within the limits of Greater New York who desire to approach on foot, and to many of whom the payment even of a trolley fare is a matter of economic importance. From the north and south, access will be improved by the Central Park West subway and new City Bus System. From the east, access can be made only by safe, well-lighted and well-guarded day and evening approaches across Central Park which now presents a great impassable and forbidding barrier to the east side population.

**PRESENT COOPERATION WITH COLLEGES, UNIVERSITIES, SURVEYS, RESEARCH INSTITUTIONS OF THE UNITED STATES AND OTHER COUNTRIES**

*College of the City of New York.* Since 1886, classes of students from the College of the City of New York, under instructors, have made extensive use of our exhibition halls and lecture courses.

*Columbia University.* 1891-1930: The Museum and Columbia University have cooperated for 40 years in vertebrate palæontology, comparative anatomy, anthropology, archæology and ethnology. Research students, desiring Ph.D. degrees, have had free access to our lecture courses, exhibition halls and collections. Cooperation in anthropology, inaugurated in 1897 under the direction of Professor

Franz Boas, has been continued through the late Dr. Pliny E. Goddard and others. Liaisons have been established through Dr. Henry Fairfield Osborn, Dr. Bashford Dean, Dr. William K. Gregory, Dr. G. Kingsley Noble, Dr. Dudley J. Morton, Dr. J. Howard McGregor, and others. Professor C. P. Berkey and Mr. Frederick K. Morris have carried on toward completion the work on the second volume of the Geology of Mongolia, which will form Volume III of the Final Reports of the Central Asiatic Expeditions. In 1929-1930 the Columbia University-American Museum African Expedition, under William K. Gregory, J. Howard McGregor, H. C. Raven, Earl T. Engle and Dudley J. Morton, made direct observations on the anthropoid apes of east and west Central Africa, to be continued in 1931 by cooperative researches on the anthropoid apes and man problems, with Columbia University, the American Museum and Johns Hopkins University Medical School, under the direction of Dr. Adolph H. Schultz and others, in collaboration with William King Gregory and J. Howard McGregor on the anthropoid apes of east and west Central Africa.

*New York University.* In 1927, liaison between New York University and the American Museum was established through lecture courses, exhibition hall studies and laboratory researches in geology and vertebrate palæontology under the supervision of Dr. C. C. Mook.

*Princeton University.* In 1930, Princeton University, the Buffalo Museum and the American Museum sponsored an International Expedition to Andros Island, Bahamas, under the leadership of Dr. R. M. Field and participated in by Dr. Roy W. Miner, Dr. Charles J. Fish, Dr. Ulric Dahlgren and others. Since 1908, Professor William B. Scott, Dr. John F. Sinclair of Princeton and Professor Osborn have cooperated in vertebrate palæontology, comparative anatomy and geology.

*Harvard University.* Since the establishment of our Department of Anthropology in 1873, Harvard University and the Museum have worked together in zoology, vertebrate palæontology, mammalogy, entomology and archæology, under Professor F. W. Putnam, Professor William Morton Wheeler, Dr. Herbert J. Spinden, Dr. Glover M. Allen, Dr. Thomas Barbour and others.



*Yale University.* In public health, since 1908, under Professor C.-E. A. Winslow, and in lectures and researches, Yale University and the Museum have cooperated; also in mineralogy, vertebrate palæontology; in anthropology with the lectures of Dr. Clark Wissler and others.

*United States Geological Survey.* Between 1900 and 1931 Professor Osborn cooperated with the U. S. Geological Survey in the organization of vertebrate palæontology; in 1929 he published Monograph 55, "The Titanotheres of Ancient Wyoming, Dakota and Nebraska," with the cooperation of William King Gregory; he is now engaged upon the Sauropoda Monograph in collaboration with Dr. C. C. Mook.

*Canadian Geological Survey.* For four years (1900-1904) Professor Osborn served as Vertebrate Palæontologist of the Canadian Geological Survey and resigned after organizing the researches of Dr. Lawrence M. Lambe.

*University of Oslo.* The American Museum offered its splendid facilities for research and laboratory work to Doctor Anatol Heintz of the Palæontological Museum at Oslo, Norway, for his investigations on armored fishes.

*Great Britain.* Cooperative work in vertebrate palæontology and in anthropology has been carried on for many years by the American Museum, the British Museum (Natural History), Cambridge University, under Sir Arthur Smith Woodward, Dr. Reid Moir, Dr. C. Forster Cooper, Mr. Willoughby Lowe and others.

*France.* In 1908 liaison between this institution, the Musée National d'Histoire Naturelle and the Institut de Paléontologie Humaine was established with the aid of Marcellin Boule, Henri Breuil, and others. In 1928-1930 the Mission Anglo-Franco-Américaine, under the joint auspices of England, France and America, led by Mr. Jean Delacour and Mr. Willoughby Lowe, made extensive ornithological and mammal collections in Madagascar.

*Belgium.* In 1907, the Belgian Government, through King Leopold, presented to the Museum large ethnological collections from the Congo Free State; in 1908 the Museum's Lang-Chapin Expedition spent six years in the Belgian Congo, ably aided by Belgian officials. The results of this

expedition are being recorded in a publication of fourteen volumes under the title of *The Natural History of the Congo*, which are distributed among various Belgian institutions. The Musée du Congo Belge at Tervueren has been presented with duplicates of the collections, in addition to the publications. Dr. James P. Chapin in 1930 again entered the Belgian Congo for ornithological collecting. The Belgian Government, under King Albert, has also rendered invaluable service in connection with the conservation movement initiated by the late Carl E. Akeley in 1921. The Belgian Ambassadors, Baron Moncheur, Baron de Cartier de Marchienne and Prince Albert de Ligne have promoted this priceless cooperation. The Hall of African Ethnology will be dedicated to King Leopold.

*Italy.* Museums in Florence, Naples, and Rome have rendered valuable assistance to the American Museum in vertebrate palæontology and in anthropology. In 1930 we were represented at the International Congress at Padua.

*Russia.* Valuable cooperation with the Geological and Palæontological Surveys and Academies of Russia, especially with Dr. Kowalevsky, Dr. Borissiak and Dr. Pavlow, have been in progress since 1908. Professor Osborn's "Men of the Old Stone Age" has been translated into Russian. The splendid series of Jesup North Pacific Expedition Publications have been issued with the invaluable aid of Russian Anthropologists, Dr. Waldemar Jochelson and Dr. Waldemar Bogoras.

*China and Mongolia.* China and Mongolia have cooperated with the American Museum in its researches in geology, vertebrate palæontology and anthropology. The Commission for the Preservation of Antiquities has also rendered assistance in connection with the Central Asiatic Expeditions, inaugurated in 1921 under the leadership of Dr. Roy Chapman Andrews. Dr. Andrews has been assisted on these expeditions by Mr. Walter Granger, Mr. N. C. Nelson, Mr. Clifford H. Pope and other members of the Museum's laboratory staff. The results of the expeditions are appearing in a series of twelve quarto volumes entitled *The Natural History of Central Asia*. Volume II, "The Geology

of Mongolia," by Dr. C. P. Berkey and Mr. F. K. Morris, 1927, and "The Permian of Mongolia," by Dr. A. W. Grabau, February 27, 1931, have appeared. Messrs. R. C. Andrews, C. P. Berkey, F. K. Morris, L. E. Spock, Père Teilhard de Chardin, A. W. Grabau, L. B. Roberts, W. P. T. Hill, Lieut. W. Wyman, H. F. Osborn, W. Granger, N. C. Nelson, A. W. Pond, J. T. Nichols, K. P. Schmidt, C. H. Pope, G. M. Allen, R. W. Chaney and others are engaged in writing the results of the expedition. Geological and anthropological collections have been presented to the National Geological Survey of China, Peking, as well as duplicates of the collections. The Asiatic publications will be sent to the Surveys, public libraries and educational institutions in northern China and Mongolia.

*Japan.* The University of Tokio, Sendai, has co-operated in zoology and vertebrate palæontology; valuable researches in the Museum and published here and in Japan have been made by Dr. H. Matsumoto. Professor Osborn's "Origin and Evolution of Life" has been translated into Japanese by the University of Tokio, as well as Dr. Wissler's "Culture of Man."

*Hawaiian Islands.* Under the direction of Doctor Herbert E. Gregory of the Bishop Museum at Honolulu, the late Dr. Louis Sullivan made extensive investigations in geology, anthropology and ethnology in the Hawaiian Islands. This work has been continued during the past two years by Dr. Harry L. Shapiro who is extending these researches of the race elements to the Polynesian Islands.

#### TEACHER TRAINING, ADULT EDUCATION AND SECONDARY SCHOOL SERVICE IN 1930

A new feature of the Museum's educational program is the development in teacher training. Three courses have been given for teachers only. The primary purpose of two of these courses is to give background and to familiarize teachers with the Museum collections and with their use. The third course is a practical one on the use of visual instruction apparatus in the classroom, indirectly aiding the teacher in using Museum aids. The Board of Education allows credit for taking these courses, and they are filling a real need of teachers.

Adult education is also being developed, the most interesting feature being the contact with the foreign-born through a series of illustrated lectures by staff members. These lectures have been arranged for evening school students, in cooperation with the Council on Adult Education for the Foreign-born. No group could be more intensely interested in studying the Museum exhibits than these new citizens.

The long established School Service activities are so well known that it is unnecessary to describe them except by name. The volume of this service is greater than ever before and more varied. Its value is attested by the fact that more than 87% of all the public schools of the city have used this service in some way, and the total of our contacts with school children is more than 23,000,000, an increase of almost 100% over last year. The greatest handicap in this service is the lack of duplicate material. Because of this we are obliged to deny fully 40% of teachers' requests for slides, films, and collections.

The following table of comparative statistics gives at a glance the truly remarkable growth of this service:

	1927	1928	1929	1930
Attendance at lectures, classes and guiding.....	212,917	218,267	226,608	247,629
High School Students studying microscopic slides.....	810	1,880	8,670	16,094
Children's Fair.....		36,777	25,000	39,250
Visitors to Bear Mountain..	23,000	42,000	186,000	200,000
Contacts made by lending Lantern Slides.....	6,866,112	9,734,122	8,660,181	15,588,403
Contacts made by lending motion picture films.....	1,223,704	1,576,249	1,725,865	3,764,505
Contacts made by lending Circulating collections....	1,706,961	2,396,002	1,898,012	3,194,647
Grand Totals.....	9,933,504	14,005,297	12,730,336	23,050,528

That such unusual progress has been made is due to the generous financial support of Mr. Felix M. Warburg, Chairman of the Trustee Committee on Education, and to the continuation of the grant from the Carnegie Corporation. Mr. Warburg's gift has been applied chiefly to maintaining and improving our service to the primary and secondary

schools and to the Nature Trails at Bear Mountain, while the Carnegie Grant has been devoted to the university and college program, adult education, and teacher training.

The following statements are hardly more than an enumeration of our School Service activities, merely calling attention to the principal features of the year's work.

The *lantern slides* loaned to public schools numbered 1,095,829 in 1930. This is indicative of the value of this visual aid. The increased demand is in great measure due to the rearrangement of slide groups to correlate more definitely with the various syllabi. It is most unfortunate that lack of duplicate slides necessitates the denying of so many applications for them.

The growth of our *film service* bears out our belief that the narrow width film (16 mm.) is more valuable as a teaching aid than the standard 35 mm. film. The former is a classroom aid, the latter is essentially for assembly hall use.

The circulating *nature study collections* have been improved by the addition of new collections as well as by modernizing some of the old ones. The need of higher schools and special classes has had special attention during the year.

The series of *biology lectures* gave many high school students glimpses of new fields of knowledge which their regular work could scarcely be expected to include. Along with such lectures were many others which correlated closely with their course of study and were attended by the students outside their regular school hours. Lectures for children of the elementary schools were arranged to supplement their classroom topics, and the attendance of 98,918 children at 133 of these lectures attests their popularity and value.

The experience with the *Geography Courses for Teachers* given the past year shows that the teachers welcome an informational course and one that makes them better acquainted with the exhibits in the Museum halls through the plan of supervised laboratory work. The enthusiastic response to the course, *Mechanics of Visual Instruction*, is very gratifying and shows the need for such teacher training in the use of various types of apparatus for visual instruction supplied to teachers for classroom work.

The various series of lectures offered in the *Course for*

*High School Teachers* were given by curators of the Museum, specialists in their subjects, who were able to bring to the teachers the results of the latest researches in those particular fields of knowledge.

The Museum materials used in conducting *Classes for Blind and Sight Conservation Children* enabled these groups to make acquaintance with animal and bird friends and to travel in their imaginations, quickened by their "finger-tip" sight of interesting articles, to many far-away lands.

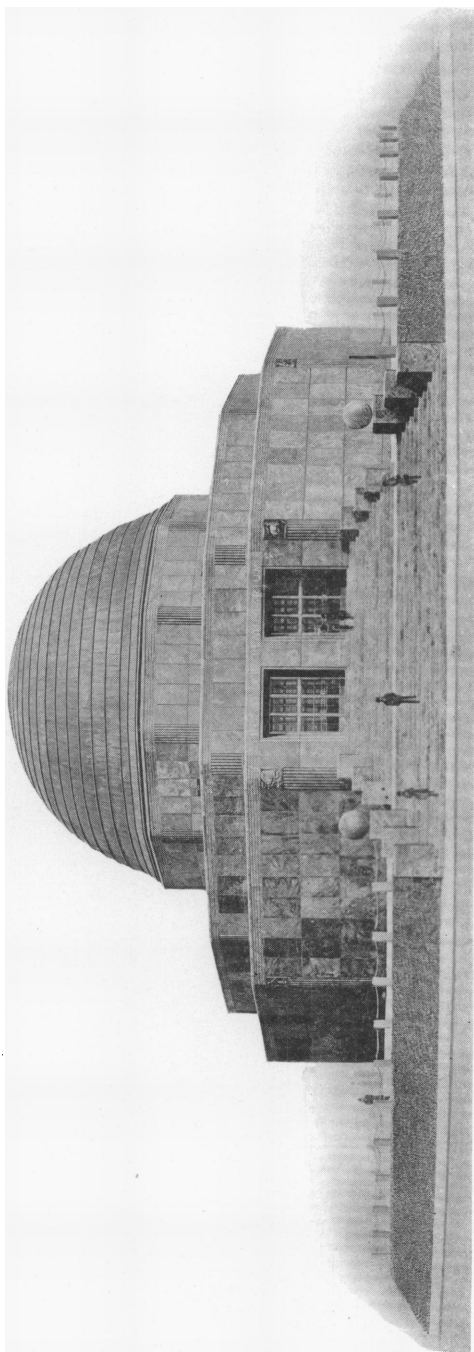
Each year shows the increasing importance of the *Exhibition Hall Classes* where pupils are allowed to handle museum materials and then complete their work by careful study of the larger exhibits in the halls. Such training of pupils to observe carefully and to draw conclusions from their own observations is a much needed form of instruction that must too often be neglected in the hurried work of the regular school program.

Among the groups reached by the *Guiding Service* were members of the Museum, students from various universities, high schools, training schools, and elementary schools of the metropolitan area, also classes of nurses in training from New York City hospitals and special guiding trips for the general public.

The *Junior Astronomy Club* continued its interesting programs, given by the young members and several guest speakers. A Star Forum for more intensive astronomical study and special telescope class are some of the features developed during the past year.

The *Bear Mountain Nature Trail and Trailside Museum*, operated by the Department of Public Education of the American Museum, had a total attendance of more than 200,000 persons during the season of 1930 from May to October, and extended its contacts to the five regional museums in the Palisades Interstate Park, thus enlarging its activities and providing for an increase of its methods of spreading natural-history information out-of-doors where visitors could have actual contact with the subjects presented.

The third *Children's Fair*, held the first week in December in Education Hall under the auspices of the American Institute, the School Nature League, and the Museum,



**THE ADLER PLANETARIUM IN CHICAGO**

**The erection of a similar Planetarium in New York would be of inestimable value in the teaching of Astronomy. Such a Planetarium would cost \$750,000**





included 358 exhibits on general science, nature study, biology, physics, chemistry, and astronomy. The general excellence of the exhibits showed the value of the Fair in setting standards for special projects carried on by the students of science in the public schools of New York City.

### SIXTIETH ANNIVERSARY ENDOWMENT

Seeming self-sufficient, the Museum, richly supported in the past, may too easily be assumed to have no needs. But searching and learning, science and education, never come to an end; nature itself, and knowledge of nature, never stand still. Neither can a great museum, whatever the cost of its progress.

Through its whole past career, the American Museum has often led and always gone forward, in step with scientific advance, to answer each new call to usefulness. It is only in this sixty-second year, surprising though it be to those who may have pictured the Museum as wealthy and already a completed work, that it has had to face a tragic standing-still which would menace present projects and imperative future development.

For this threatened clouding of the mirror which the Museum has long held up to nature for the benefit of mankind, there are plain and understandable reasons. In brief, the need to meet doubled and tripled routine costs since 1914 and to meet broadening concepts of service has far outrun the normal increase in income. So great has become this ever-widening gap that nothing less than additional endowment *income* of \$500,000 annually will suffice "to put the American Museum back on its normal running basis."

Therefore, the subject of paramount importance before the Trustees throughout the year has been the Sixtieth Anniversary Endowment Fund of \$10,000,000. This campaign was initiated in January, 1929, under the direction of the Executive Committee. A preliminary survey of the Museum and its requirements was made during the summer, and consideration was given to organizing the campaign for securing \$10,000,000 of New Endowment. In December, impetus was given to the raising of this Endowment by the

generous contribution of Mr. George F. Baker, Sr., and Mr. George F. Baker, Jr., who gave \$500,000 to the fund.

Early in the year 1930, the President took the Chairmanship of the Endowment Committee and appointed the following members of the Board to serve with him:

HENRY FAIRFIELD OSBORN, Chairman	
GEORGE T. BOWDOIN	A. PERRY OSBORN
DOUGLAS BURDEN	JAMES H. PERKINS
CLEVELAND E. DODGE	DANIEL E. POMEROY
CHILDS FRICK	HENRY W. SAGE
CLARENCE L. HAY	LEONARD C. SANFORD
JUNIUS S. MORGAN, JR.	FELIX M. WARBURG
GEORGE H. SHERWOOD—Secretary of the Committee	

It was obvious that to attain the desired goal, it was advisable to employ experts to assist in carrying on the campaign, and in April, 1930, after careful consideration, an agreement was entered into with the H. H. Railey Company to undertake this service. Since that time, these experts, under the general direction of the President, have been developing plans and making preparations for an intensive campaign, but the present economic conditions have made it inadvisable to undertake actual solicitation. Captain Railey and his associates have made an exhaustive survey of all departments of the Museum and its various activities, and have produced a brochure descriptive of the Museum and its work which will be of great value when actual solicitation of contributions can be undertaken.

The total initial contribution to the new Endowment Fund by gift and bequest is \$2,500,948.91, of which \$1,334,000 has been subscribed by the members of the Board, as fully stated in the Treasurer's report.

#### FINANCIAL ADMINISTRATION 1908-1930

All our Members are invited to study with the greatest care the remarkable synthesis and analysis of our contributions, expenditures and accounts of the years 1908 to 1930, divided into expenditures legally borne by the City and those legally borne by the Trustees. Three observations will be made; *first*, that between 1916 and 1929 the cost of

our maintenance and operation has risen 304 per cent. and while the City's appropriation has increased 220 per cent., the Trustees' contribution to strictly legal maintenance has increased 542 per cent.; *second*, that the Trustees' superb gifts in the period 1908-1930 balanced the municipal expenditures; *third*, that the twenty-three year contributions of Trustees for all purposes (\$10,219,189.10) are nearly balanced by those of Members or non-Trustees (\$9,183,027.-61).

**TOTAL COSTS OF STRICTLY LEGAL CITY MAINTENANCE**  
1908-1930

This is confined to all costs of Heating, Lighting, Repairs, Custodian Force, Educational (Public School Work), Library, a certain portion of salaries of Scientific Departments, Pension Fund and Group Insurance (Maintenance salaries only), Annual Report, all for the operating and upkeep of the Museum in accordance with the Contract with the City of New York.

<i>In the Year</i>	<i>Appropriations by the City of New York</i>	<i>From Funds of the Museum Income</i>	<i>City Maintenance from City and Museum Funds</i>
1908.....	\$159,930.62	\$33,525.06	\$193,455.68
1909.....	179,999.60	16,013.70	196,013.30
1910.....	185,757.00	22,570.12	208,327.12
1911.....	189,757.00	64,131.10	253,888.10
1912.....	195,000.00	87,000.00	282,000.00
1913.....	200,000.00	97,000.00	297,000.00
1914.....	200,000.00	95,000.00	295,000.00
1915.....	200,000.00	57,000.00	257,000.00
1916.....	212,999.00	75,942.76	288,941.76
1917.....	212,700.00	92,300.00	305,000.00
1918.....	225,000.00	88,348.43	313,348.43
1919.....	200,000.00	100,886.79	300,886.79
1920.....	310,983.13	114,766.64	425,749.77
1921.....	351,547.46	154,472.10	506,019.56
1922.....	344,498.46	158,802.09	503,300.55
1923.....	342,313.36	218,303.41	560,616.77
1924.....	342,320.28	249,977.35	592,297.63
1925.....	350,940.96	254,786.61	605,727.57
1926.....	368,547.22	268,233.50	636,780.72
1927.....	410,121.29	313,941.09	724,062.38
1928.....	452,374.12	395,169.36	847,543.48
1929.....	466,173.45	412,197.25	878,370.70
1930.....	483,145.99	450,000.00	933,145.69
	\$6,584,108.64	\$3,820,367.36	\$10,404,476.00

**TOTAL CONTRIBUTIONS OF TRUSTEES AND MEMBERS  
1908-1930 (ESTIMATED)**

From Trustees and Members for General and Special Purposes; also to  
Endowment (Paid, Pledged or by Bequest)

	Trustees		Members	
	<i>General and Special Purposes</i>	<i>For Endow- ment Paid and Pledged</i>	<i>General and Special Purposes</i>	<i>For Endow- ment Paid and Pledged</i>
1908.....	\$31,142.63		\$36,700.40	
1909.....	31,700.00		32,818.73	
1910.....	50,225.00		13,408.33	
1911.....	60,314.39		23,991.39	
1912.....	91,975.00		33,144.25	
1913.....	75,186.85		22,893.12	
1914.....	62,993.75		7,964.50	
1915.....	56,500.00		16,350.00	
1916.....	165,627.50		11,497.73	
1917.....	73,508.94		2,515.00	
1918.....	53,350.00		2,350.00	
1919.....	23,350.00		8,005.97	
1920.....	48,650.00		27,964.17	
1921.....	155,724.48		50,585.28	
1922.....	90,050.00		55,598.61	
1923.....	60,850.78		49,181.00	
1924.....	121,533.96		102,130.78	
1925.....	123,195.08		90,250.82	
1926.....	124,750.00		248,787.03	
1927.....	108,264.26		182,950.17	
1928.....	166,029.44		194,530.24	
1929.....	166,066.41		944,403.82	
1930.....	129,313.13		222,744.06	
	<hr/>		<hr/>	
	\$2,070,301.60	\$8,148,887.50	\$2,380,765.40	\$6,802,262.21
Trustees to General Purposes.....			\$2,070,301.60	
Trustees to Endowment.....			8,148,887.50	10,219,189.10
			<hr/>	
Members to General Purposes.....			\$2,380,765.40	
Members to Endowment.....			6,802,262.21	9,183,027.61
			<hr/>	
Grand Total.....				\$19,402,216.71

**THIRTY-SEVEN EXPEDITIONS OF THE YEAR 1930**

The spirit of adventure and exploration is rapidly spreading in this country, and young men and women in increasing numbers are volunteering either to accompany or to partly or wholly finance the invasion of hitherto unexplored regions. Our universities, academies and natural history museums of Chicago, San Francisco, Philadelphia, Pittsburgh, Los Angeles, Boston and New York are offering opportunities which are eagerly embraced, and afford priceless opportunities not only for adventure but for serious scientific study and exploration. In the American Museum alone no less than thirty-seven separate parties went out during the year 1930, distributed to every continent except Australia. Each of these expeditions had as its chief object either the settlement of certain zoogeographic problems, the extension of certain collections, the enrichment of certain exhibition halls, the completion of certain continental or marine habitat groups, the solution of some of the still pressing problems of archæology, anthropology and ethnology, or the investigation of characters and habits of fast-disappearing races. Altogether no less than \$207,845.93 was expended in 1930 on these expeditions. Of this total amount, \$158,625.14 was expended from gifts and donations, and \$49,220.79 was drawn from the Endowment Funds of the institution.

Arranged by continents in the order: North America, Central or Middle America, South America, Antarctica, the Pacific Ocean, the Atlantic Ocean, Africa, Asia and Europe, the expeditions went out as follows:

**NORTH AMERICA****WEST VIRGINIA:**

*Curator G. Kingsley Noble* made a short trip to the mountains of West Virginia to study the ecology of salamanders, and to conduct an altitudinal study of life on Spruce Knob. He brought back a large collection of live salamanders for further investigation under controlled conditions in the Museum.

**CONNECTICUT:**

*Assistant Curator George G. Goodwin* spent three weeks collecting mammals at Macedonia Park, Connecticut. This completed the field work started two years ago by Mr. Goodwin in cooperation with the State of Connecticut and has furnished the Museum with specimens of all known fur-bearing animals found in Connecticut, including the rare 'bog-lemming.'

## THE SOUTHWEST:

The rugged and archæologically unknown Carrizo Mountain region in northeastern Arizona was visited by the *Eighth Bernheimer Expedition* comprising Mr. Charles L. Bernheimer, the leader, and Mr. Earl H. Morris. Some 250 objects were secured, which throw additional light on the skill and artistry of what is known as the second and third Basket Weaver period.

Mr. Charles L. Bernheimer also financed the field studies of Pictographs of Mrs. Ann Axtell Morris. Mrs. Morris completed a water-color series of the compositions found on the walls of the Cañon del Muerto in Arizona, and later extended her work to caves in New Mexico and Utah. Mrs. Morris's studies have already yielded data to relatively date the different types of pictographs and to relate them to known prehistoric cultures.

Curator Clark Wissler visited various archæological sites in Arkansas and New Mexico, and spent some time at the State University at Fayetteville, Arkansas, for the purpose of studying the archæological collections.

## COLORADO AND WYOMING:

Mr. R. M. Snodgrasse, Field Assistant in Anthropology, during the summer of 1930 extended his reconnaissance to Colorado and Wyoming in a search for archæological material which would aid in interpreting the significance of the discoveries at the Folsom Quarry where arrow-points were found in association with fossilized buffalo skeletons.

## NEBRASKA:

Assistant Curator Margaret Mead spent part of the summer on the Omaha Indian Reservation, Nebraska, studying the cultural position of Indian women.

A collection of materials for a technological exhibit illustrating methods in primitive basketry was undertaken by Miss Gene Weltfish, who is one of the most competent students in this field. As a result, we have an excellent exhibition series, soon to be installed in the Southwest Hall, which will adequately meet the needs of teachers and students of technology.

## THE WESTERN STATES AND ALASKA:

The Pliocene and Pleistocene collections of vertebrate fossils have been greatly enriched through four expeditions maintained through the generosity of Mr. Childs Frick: Mr. M. F. Skinner, working in the vicinity of Ainsworth, Nebraska, secured an unusually fine skull of a huge species of extinct wolf. Mr. Joseph Rak made Miocene and Pliocene collections from the Mohave Desert of California and New Mexico, and Mr. Charles Falkenbach spent the summer in the Quaternary deposits of Hay Springs, Nebraska, where a record-size skull and jaws of an extinct bear, *Arctodus nebrascensis*, were discovered last year. Additional fossil mammals were secured in Alaska by Mr. Peter Kaisen, in cooperation with an assistant from the staff of the College of Alaska and the United States Smelting and Refining Company.

## CENTRAL AMERICA

## VALLEY OF MEXICO:

Under the continued support of Mr. Clarence L. Hay, Associate Curator George C. Vaillant carried on archæological excavations at Ticoman, where stratified refuse deposits were found yielding additional data for dating different cultures.

## PANAMA CANAL:

*Curator Frank M. Chapman* continued his research work on the bird and other animal life of Barro Colorado Island.

## WEST INDIES:

Under the leadership of *Mr. Gilbert C. Klingel*, a volunteer worker, an expedition to the West Indies and Central America was organized in the fall. In spite of the wrecking of *Mr. Klingel's* yawl, the "Basilisk," on Inagua Island in the Bahamas soon after the start of the expedition, *Mr. Klingel* has remained in the field and has already sent back to the Museum more than 1,700 specimens of lizards, of which more than 1,200 are alive and are proving of great usefulness in *Dr. Noble's* experimental biological work.

## SOUTH AMERICA

## THE ANDES:

*The Otley-Anthony South American Expedition*, continuing its work from 1929, succeeded not only in securing representative species of mammals from various localities, but more especially in carrying out a reconnaissance over a very wide area, during which the party crossed the Andes no less than six times and visited six of the South American republics. This expedition was made possible through the generosity of *Mr. Gilbert Otley*, who acted as Field Assistant to *Curator Harold E. Anthony* of the Museum. The party returned to New York in April.

## PATAGONIA:

*Scarritt-Patagonian Expedition*. *Associate Curator G. G. Simpson* left New York in August for Patagonia to collect fossil mammals in the oldest South American geologic strata of the Age of Mammals. *Mr. Coleman S. Williams* accompanied *Dr. Simpson* as assistant. In addition to collecting, the party will study the material in the Argentine Museum in Buenos Aires. This expedition is made possible through the generosity of *Mr. Horace S. Scarritt*.

## ECUADOR AND PERU:

*Assistant Curator Ronald L. Olson* left New York in January to make an archaeological reconnaissance, financed by *Mr. Myron I. Granger*, in Ecuador and Peru, to establish the sequence of cultures which has never before been clearly marked out for archaeological purposes. The specimens which *Dr. Olson* obtained will be invaluable for the study collections.

## PERU:

The Olalla Brothers, native collectors who have been trained by *Dr. Chapman* and other members of the Museum staff, continued to collect birds and mammals in Peru, Ecuador and Brazil, and many valuable specimens have been secured.

## BRAZIL:

*Brazilian Ornithological Expedition*. *Mrs. Walter W. Naumburg* has continued the ornithological survey in southeastern Brazil which she began six years ago, and her field collector, *Mr. Emil Kaempfer*, has sent in several important collections during the year.

## ANTARCTICA

The American Museum has coöperated in an advisory capacity with *Rear-Admiral Richard E. Byrd* in the zoological work of his expedition, and has received from the expedition valuable specimens of penguin, seal and other Antarctic fauna.

## PACIFIC OCEAN

## SOUTH PACIFIC ISLANDS:

The members of the *Whitney South Sea Expedition*, Messrs. Hannibal Hamlin, leader, W. F. Coultas, W. J. Eyerdam, and E. Mayr, continued to collect birds and other specimens in the Solomon and Caroline Islands of the Pacific. This expedition has been supported for the past ten years by the late Harry Payne Whitney.

## POLYNESIA:

*Associate Curator Harry L. Shapiro* spent the period from March, 1929, to March, 1930, in Polynesia, gathering material on race mixtures and conducting an important racial survey to determine the origin of the Polynesian people in relation to continental races. In July, 1930, Dr. Shapiro went to Hawaii to carry on research work on the mixture of racial elements. This expedition was a joint enterprise of the American Museum and the Bishop Museum of Honolulu.

## ATLANTIC OCEAN

## THE CORAL REEFS OF THE BAHAMAS:

*Bacon-Miner Expedition.* During March, Curator Roy W. Miner went to the Bahamas to collect gorgonians for the Coral Reef Group. In April he joined the International Expedition to Andros Island under the leadership of Dr. R. M. Field of Princeton University, and with Dr. Dahlgren of Princeton and Director Fish of the Buffalo Museum to assist in investigating the animal life of the sponge flats of Andros Island. Motion pictures were secured at depths ranging from two to three fathoms.

## THE GALAPAGOS ISLANDS:

In May, Associate Curator James P. Chapin and Mr. Clarence L. Hay participated in an expedition, under the scientific direction of Dr. Charles H. Townsend, to the Galapagos Islands as guests of *Mr. Vincent Astor* on his yacht the "Nourmahal." Dr. Chapin secured an important collection of birds, and valuable scientific data on the natural history of the islands.

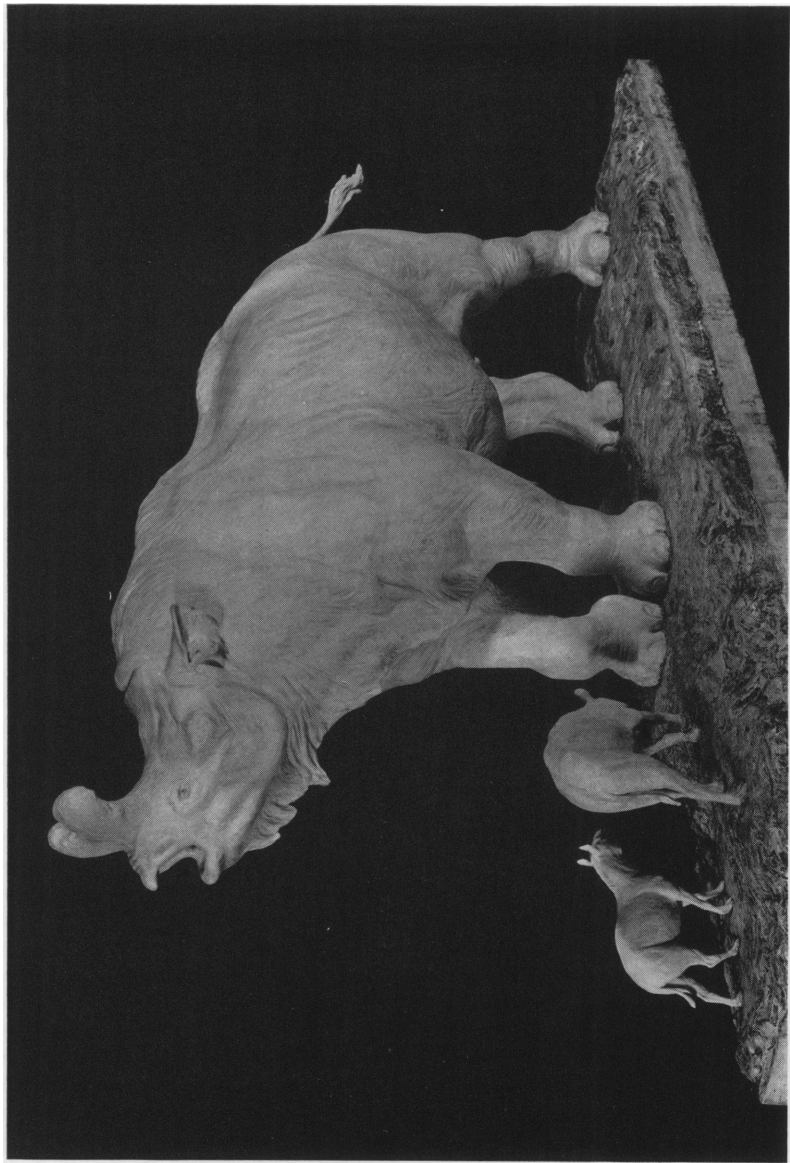
## SANTO DOMINGO:

*Heilprin-Hassler Expedition.* Mr. William G. Hassler's work of collecting and infiltrating reptiles and amphibians was continued into 1930. He has collected several thousand specimens, including lizards, salamanders, bats, and fishes.

## NONSUCH ISLAND, BERMUDA:

*Curator William K. Gregory* joined the Bermuda Oceanographic Expedition of the New York Zoological Society, which is under the Directorship of William Beebe, and continued his studies on deep-sea fishes.





DEPARTMENT OF VERTEBRATE PALÆONTOLOGY

Models showing ancestry and evolution of the Titanotheres: *Eotitanops borealis* and *Brontotherium gigas*.



## AFRICA

In 1929, the *Columbia University-American Museum African Expedition* left the United States with the purpose of securing for anatomical study adult gorillas and other African primates. Although Drs. Gregory, McGregor and Engle returned from Africa in January, Mr. Raven remained to the end of the year in order to procure gorillas from the Cameroon for comparison with the gorillas of Central Africa.

## EAST AFRICA:

Messrs. *J. Sterling Rockefeller* and *Charles B. G. Murphy* of the *American Museum Tanganyika Expedition* spent six months in the field collecting birds in Tanganyika Territory. Full reports of the topography and vegetation were secured, as well as important collections of birds from the mountain ridges west of the Ruzizi River Valley.

## BELGIAN CONGO:

Associate Curator *James P. Chapin*, assisted by *Mr. Franklin Edson* of the Department of Mammalogy, is collecting material for a habitat group of the bird life of an African tropical forest.

## GULF OF GUINEA:

*Mr. José G. Correia* has collected a valuable series of birds on the Spanish and Portuguese islands of the Gulf of Guinea. Mr. Correia also collected birds in the Cameroon Mountains on the African mainland. These two expeditions were made possible through the generosity of the late *Mr. S. Brinckerhoff Thorne*.

## ISLAND OF MADAGASCAR:

*Mr. Richard Archbold*, with Messrs. *Rand* and *Dumont* serving as the American Museum's representatives on the joint expedition of the *Mission Zoologique Anglo-Franco-Américaine*, under the leadership of *M. Jean Delacour*, is concluding a most thorough collecting survey of the Island of Madagascar. About 8,000 birds and 1,000 mammals have been obtained, including some valuable specimens new to the Museum collections.

## SOUTHERN AFRICA:

As first fruits of the *Vernay-Lang Kalahari Expedition*, the American Museum has received one hundred and sixty-four specimens of large mammals representing many species new to the collections. This important expedition, led and financed by *Mr. Arthur S. Vernay*, made biological history in its traverse of the Kalahari Desert and secured large series of specimens in many branches of natural science. The undertaking was planned for the benefit of the Field Museum of Natural History, the British Museum, and the Transvaal Museum, as well as the American Museum.

## DUTCH GUIANA:

Under the patronage of *Mr. Myron I. Granger*, *Dr. Morton C. Kahn* of Cornell Medical College visited Dutch Guiana to study the Bush Negroes. As a result of his field work, *Dr. Kahn* has added another very important ethnological collection to the Museum series.

## ASIA

## MONGOLIA AND THE GOBI DESERT:

Under the leadership of *Dr. Roy Chapman Andrews*, the *Central Asiatic Expeditions*, from May to October, 1930, carried on their tenth year of field work in the Gobi Desert. A complete set of skeletal remains of the shovel-jawed mastodon, including a unique series of skulls, and a few other animals of the Pliocene age were secured. The results of this year's work have been most gratifying.

## NORTHERN ASIA AND TURKESTAN:

The *Morden-Graves North Asiatic Expedition*, which left New York in July, 1929, completed its program by the middle of 1930. The work was in two widely separated areas, Turkestan and the Amur River district. Mr. William J. Morden and Assistant Curator George G. Goodwin collected a fine group of six Saiga antelope, besides valuable series of small mammals and birds from the Russian steppes, before the expedition moved eastward to the Amur where Mr. George C. Graves, 2d, joined the party. During the winter three fine tigers were secured and, in addition, specimens of wild boar, musk deer, small mammals, etc.; the Saiga antelope and long-haired tigers are intended for groups in the new hall of North Asiatic mammals.

## EUROPE

During his summer vacation, *Curator N. C. Nelson* visited about thirty anthropological museums in seven different countries of Europe. The purpose was threefold: (1) to see what local archæological material there was; (2) to observe exhibition methods; and (3) to learn if type specimens could be obtained to fill gaps in our collections.

## RESEARCHES AND DISCOVERIES OF THE YEAR 1930

So much public attention is concentrated on the explorations, expeditions and exhibition halls of the Museum that our members and the public are not aware of the broad and intensive scientific researches constantly in progress in every department, by investigators, many of whom hold first rank in their several fields of activity. In the present report, instead of scattering an account of these researches through the various departments, they are concentrated in the President's section, and connected with the researches of past years and those proposed for future years, to firmly establish the American Museum as one of the most active research centers in the scientific world of to-day.

*Herpetology and Experimental Biology.* In spite of inadequate facilities, and the cramped quarters that it is necessary to use until the Biological Laboratory in the African Hall is completed, the Department of Experimental Biology, under

the leadership of Dr. G. Kingsley Noble, has made some notable discoveries.

The employment of experiments in working out many of the great problems of Nature is proving even more successful than the Trustees anticipated when they established this field of endeavor in the Museum three years ago. To take but a single discovery from the year's work, it was found that a secretion from the pituitary gland, at the base of the brain, controlled the egg-laying cycle of salamanders. This discovery has opened up the possibility of inducing the breeding cycle at any time of the year under the controlled conditions of the laboratory. By the close of the year, several species, whose life history was very poorly known, had been induced to breed in the laboratory and many new facts concerning their life revealed. Research on the very extensive collections of the Department were pursued with important results.

With the introduction of live specimens in the Museum, many interesting problems of habits and physiology present themselves. The American Society of Ichthyologists and Herpetologists met this year at the Museum, and of the 38 papers and demonstrations given, no less than 15 were by Department members, and 12 of these were based on living material. Such questions as, what produces the molt of lizards, what prevents their overheating in the sun, what is the use of bright color and adornment in the male sex, are being attacked in the Museum's laboratories, where lizards and other living creatures are maintained in perfect health. Thanks to special funds provided for this work, live material was secured from Florida, Georgia, Kentucky, Washington State and California. The work is proving the most significant ever undertaken by the Department, but additional funds are urgently needed if the work is to continue in an efficient manner.

*Vertebrate Palæontology.* In the subject of Vertebrate Palæontology, the intensive studies on the Proboscidea by Professor Osborn, which have been extended over a period of more than a quarter of a century, still yield results of great significance. Recently, Professor Osborn has discovered

that the thickness and plication of the enamel of the proboscidean tooth is a factor of great reliability, not only in the determination of the classification of this important group of animals, but in the time divisions of the Tertiary and Quaternary. During the year, large numbers of proboscidean teeth have been sectioned, in a special machine designed for this purpose, and the data that these sections reveal bear out Professor Osborn's classification and chronology in this respect. The result of his researches on this great group of animals will shortly appear in a special monograph on this subject.

Through careful field work, and skilful laboratory preparation of what appeared to be hopelessly broken minute fragments, Mr. Barnum Brown has brought to light a new type of fossil reptile representing a heretofore unknown Order, primitive in character, and thought to be ancestral to the Dinosaurs and to the Phytosaurs. This creature, some 5 feet in length, was found in the Triassic rocks of Arizona. A chance discovery of a section of the femur led to a trail of fragments up a hillside which were followed with unbelievable patience and great persistence. Some 15 tons of debris were sifted through a fly-screen, and from these fragments Mr. Brown and his associates have assembled fully two-thirds of the skeleton of this new reptile.

*Entomology.* Researches on the classification of insects are of the utmost value to science. The magnitude of the task is only feebly indicated by the statement that, although about half a million different kinds of insects are already known, there is undoubtedly an equal number still to be described and classified. It is with this task that our small resident staff of entomologists, assisted by friends in other institutions, has made such splendid progress that during 1930 we published, on the average, one report every two weeks.

Curator Lutz, so far as his routine work as head of the department and his activities in connection with outdoor education permitted, has devoted himself to the biological relations of insects. During 1930, he studied factors controlling the distribution of insects in the hot springs of Yellow-

stone and those governing the daily cycle of the activities of stingless bees in Panama. His report on one of these studies is already in press, and that on the other is practically completed.

*Ichthyology.* In the Department of Fishes, the most important studies have been the completing of embryological studies on fishes (begun by the late Bashford Dean) which were necessary to round out his researches in this field of science, which are now to be published in a special Memorial Volume. These have included studies by Dr. Anatol Heintz, a visiting scientist of the Palæontological Museum at Oslo, on the Museum's collection of armored fishes of the Devonian period.

Dr. E. Grace White, now of the University at Tokio, Japan, has made a special study of rare Japanese sharks, which will appear in the Dean Memorial Volume.

Curator Gregory has continued his researches on the many interesting adaptations to different feeding habits in the jaws and skulls of various fishes. He also continued his studies on deep-sea fishes, in collaboration with Dr. William Beebe, at the Bermuda Station of the Department of Tropical Research of the New York Zoological Society.

Curator Nichols has continued his studies of Chinese fresh-water fishes brought back by the American Museum's Asiatic Expeditions, publishing four articles on this subject. He completed a report to the New York Academy of Sciences on the fishes of Porto Rico and the Virgin Islands, and cooperated with Mr. C. M. Breder, Jr., Research Associate, in a study of flying-fish material.

*Comparative Anatomy.* Doctor Gregory continued his researches, dating from 1916, on the origin and evolution of the Primates, especially the relationships of man with the anthropoids. Comparative studies of the bones of the hands and feet, the limb bones, the shoulder-girdle and pelvis of man and apes and of the remote fossil ancestors of other mammals, confirm the relatively close relationships of man with the anthropoids and reveal the principal changes in the transformation of lower to higher types.

Research on the comparative anatomy of the skull from

fish to man was also continued, and Part II of these studies was completed and published.

Field observations, begun in 1929, on the habits of the gorilla, chimpanzee and other African Primates, were carried on in Africa by Associate Curator Raven, throughout 1930. Anatomical studies on the material collected by Mr. Raven, undertaken jointly by the Department of Anatomy of the College of Physicians and Surgeons and the Department of Comparative Anatomy of this Museum, have already begun. These studies will form part of a monographic series to be issued as Reports of the African Anatomical Expedition of Columbia University and The American Museum of Natural History.

*Anthropology.* The research program for the Department of Anthropology comprised a number of major projects. Among these was a continuation of the Folsom Man question, the work this year being an archæological survey of eastern Colorado, in charge of Mr. Richard M. Snodgrasse. Another important program is the establishment of a chronology for the Valley of Mexico, supported by Mr. Clarence L. Hay and planned to extend over a period of ten years; this project was advanced during the year by Doctor Vaillant's studies of stratification at Ticoman.

For many years the Department has maintained a program of archæological research in New Mexico and Arizona; this year supported by Mr. Charles L. Bernheimer and others, comprising further studies of Basket Maker cultures and pictographs by Mr. and Mrs. Earl H. Morris. Among other archæological projects, mention should be made of Curator Nelson's studies concerning the distribution and form of artifacts peculiar to the Mississippi Valley. Further, when Doctor Olson joined the Museum staff, a plan was formed for chronological studies in the Andean region of South America; the first field study under this plan was carried through by Doctor Olson, supported by Mr. Myron I. Granger. Finally, under the leadership of Mr. H. J. Boekelman, a project has been organized for the investigation of shell-heaps in the West Indian Islands and along the adjacent coasts of South America.



Researches in physical anthropology have been carried forward under the direction of Dr. H. L. Shapiro, for the most part in cooperation with the Bishop Museum in Hawaii, the University of Hawaii, and the Presbyterian Hospital in New York City. The two most important projects under this head are an analysis of the Polynesian race and a comparative study of race groups in the Hawaiian Islands.

Finally, mention should be made of certain important studies in contemporary culture among the natives of Melanesia, and among some Indian tribes of the United States and South America. Among the most important, are: (a) the investigation of Dr. Margaret Mead concerning the ethnology of the Admiralty Islands, and (b) the present status of Indian women on certain reservations in the United States. The study of Indian women was supported by Mrs. Leonard K. Elmhirst. Ethnological studies among the Bush Negro tribes of South America, were conducted by Dr. Morton C. Kahn, supported by Myron I. Granger.

*Birds.* In the Department of Birds, Doctor Chapman has been occupied with researches on distribution problems in the Mounts Roraima and Duida region of northern South America. This highland is a long isolated system, to-day the least explored and least accessible part of the continent. Zonal evolution of the bird life shows many parallels with conditions in the Andes. The circumstances are in some cases even more spectacular, for certain representative forms of birds in the Roraima-Duida territory have their respective ranges divided by scarps only a few hundred feet high. Dr. Chapman has completed his provisional report, which, fortunately, is to be supplemented by further field investigation in the same region.

The devotion of Mrs. Elsie M. B. Naumburg to the determination of the bird fauna of the Matto Grosso region of Brazil has been rewarded by the appearance of her splendid volume in the *Bulletin*, which forms such a valuable contribution to the problem of the distribution of bird life in Brazil.

*Mammals.* In the Department of Mammals, the time of Curator Anthony has been so occupied with the organization

and direction of the department's exhibits, expeditions and administration, that he has had no opportunity for research. Other members of the staff, however, have been able to make considerable progress upon the following studies: Assistant Curator Hatt, the vertebral columns of leaping rodents; Assistant Curator Goodwin, the mammals of Connecticut, Assistant Curator Tate, a revision of the genus *Marmosa* (small opossums).

*Central Asiatic Expeditions Collections.* Professor Osborn and Mr. Granger are about to take up their detailed researches on the Mongolian fossil mammals, in anticipation of which the collections of 1921-1928 have been carefully prepared in the laboratories at Peking and New York.

In the meantime, Dr. Glover M. Allen of the Museum of Comparative Zoology has carried forward his studies on the mammal collections of the Central Asiatic Expeditions, and is now engaged in preparing the results for publication.

#### PRINTING, PUBLICATIONS AND THE LIBRARY

The full value of the Museum's explorations and the field and laboratory researches of its scientific staff cannot be realized unless they are widely distributed and made available to other workers in science. This can best be done through publication. Hence it is essential that a modern museum must provide adequate avenues of publication.

In The American Museum of Natural History this is carried out chiefly through its general publications, largely printed in the Museum's own printing plant, and through special publications or series of publications like the Central Asiatic Expeditions Volumes, in which the work of the Central Asiatic Expeditions is being brought out, or the Jesup North Pacific Publications giving the results of the great anthropological expeditions to Northwest North America and North-eastern Asia, which were provided for by Morris K. Jesup.

The general scientific publications of the Museum include:

1. The *Bulletin of The American Museum of Natural History*, which was established in 1881 and which contains the scientific records of the explorations and researches of the Museum in geology, palæontology, mineralogy, mammalogy



ASIATIC EXPLORATION AND RESEARCH  
Excavating specimens of the Shovel-Jawed Mastodon in the Gobi Desert  
Central Asiatic Expedition of 1930



and in the earlier volumes, anthropology; in all, sixty volumes have been issued.

2. The discoveries and researches in archæology, ethnology and anthropology are so specialized in character that in 1906 a separate publication was established, namely, *Anthropological Papers*. Articles in this publication are similar to those in the *Bulletin*, but deal exclusively with subjects of an anthropological character.

3. The *Memoirs of the American Museum*, established in 1893, are reserved for scientific subjects which require a more exhaustive treatment than is practicable in a *Bulletin* article.

4. With a view to quickly making available for scientific workers the new discoveries and new scientific data, the *American Museum Novitates* have been published since 1921. The articles in *Novitates* are all brief and are devoted to preliminary announcements and descriptions of new scientific data in the fields of mineralogy, palæontology and zoology.

5. The more popular side of the Museum explorations and researches are brought out in a magazine, *Natural History*, which has been published since 1900.

The serial publications include:

1. The *Memoirs of the Jesup North Pacific Expedition*, which will appear in eleven large quarto volumes, the series now nearing completion.

2. The *Zoology of the Congo* contains the results of the great expedition to the Congo carried on with the cooperation of the Belgian Government under the leadership of Herbert Lang and James Chapin. Twelve octavo volumes have been projected, of which nine volumes have been completed.

3. The Central Asiatic Expeditions publications are appearing under the title *The Natural History of Central Asia*, and are planned to appear in twelve quarto volumes, of which Volumes II and IV have been completed.

4. A special volume on the Brewster-Sanford Expedition for the collection of South American oceanic birds is being prepared by Dr. Robert Cushman Murphy, and a similar publication will ultimately record the results of the great ornithological survey of oceanic birds which is being carried on by the Whitney South Sea Expedition.

Then, too, Professor Henry Fairfield Osborn's monumental work on the Titanotheres, embodying more than thirty years of his researches on these fossils, has been published by the U. S. Geological Survey, and his equally important monograph on the Proboscidea, printed by the Museum, is expected to appear in 1932.

In addition to the publications noted above, many of the staff members have produced through the publishing houses, books pertaining to their activities in the Museum, which have a wide circulation and popularize the Museum's work. Several of these books have been translated into foreign languages, and in some instances are used as text-books in colleges and universities. These books are, in a sense, a by-product of the more technical researches of the scientific staff, but they are a powerful instrument in disseminating the results of the Museum's explorations and researches. The list of such publications produced by our staff is an imposing one.

**HENRY FAIRFIELD OSBORN**

"The Origin and Evolution of Life"	Chas. Scribner's Sons
"Fifty-Two Years of Research, Observation and Publication"	" " "
"Creative Education in School, College, University and Museum"	" " "
"The Earth Speaks to Bryan"	" " "
"Evolution and Religion in Education"	" " "
"Evolution in Mammalian Molar Teeth"	" " "
"Impressions of Great Naturalists"	" " "
"Man Rises to Parnassus"	Princeton University Press
"Men of the Old Stone Age"	Chas. Scribner's Sons
"From the Greeks to Darwin"	" " "
"Cope, Master Naturalist"	Princeton University Press

**CARL AKELEY**

"In Brightest Africa"	Garden City Publishing Co.
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**CARL AND MARY L. JOBE AKELEY**

"Adventures in the African Jungle"	Dodd, Mead and Co.
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**MARY L. JOBE AKELEY**

"Carl Akeley's Africa"	" " " "
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**ROY CHAPMAN ANDREWS**

"Ends of the Earth"	G. P. Putnam's Sons
"On the Trail of Ancient Man"	" " " "
"Across Mongolian Plains"	D. Appleton and Co.
"Whale Hunting with Gun and Camera"	" " " "

HAROLD E. ANTHONY	
"Field Book of North American Mammals"	G. P. Putnam's Sons
CHARLES M. BREDER, Jr.	
"Field Book of Marine Fishes of the Atlantic Coast"	G. P. Putnam's Sons
W. DOUGLAS BURDEN	
"Dragon Lizards of Komodo"	G. P. Putnam's Sons
WILLIAM H. CARR	
"Glimpses of Familiar Birds, Land Birds"	Gabriel Sons and Co.
"The Stir of Nature"	Oxford University Press
FRANK M. CHAPMAN	
"What Bird Is That?"	D. Appleton and Co.
"The Travels of Birds"	"    "
"Our Winter Birds"	"    "
"Birds of Eastern North America"	"    "
"Bird Studies With a Camera"	"    "
"Bird Life"	"    "
"The Warblers of North America"	"    "
"My Tropical Air Castle"	"    "
"Color Key to North American Birds"	"    "
"Camps and Cruises of an Ornithologist"	"    "
JAMES L. CLARK	
"Trails of the Hunted"	Little, Brown and Co.
WILLIAM K. GREGORY	
"Our Face from Fish to Man"	G. P. Putnam's Sons
"The Origin and Evolution of Human Dentition"	Williams and Wilkins Company
GEORGE F. KUNZ	
"The Book of the Pearl"	Century Company
"The Curious Lore of Precious Stones"	Lippincott
"The Magic of Jewels and Charms"	"
"Rings for the Finger"	"
FRANK E. LUTZ	
"Field Book of Insects"	G. P. Putnam's Sons
MARGARET MEAD	
"Growing Up in New Guinea"	Wm. Morrow and Co.
"Coming of Age in Samoa"	"    "    "
WILLIAM J. MORDEN	
"Across Asia's Snows and Deserts"	G. P. Putnam's Sons
ROBERT CUSHMAN MURPHY	
"Bird Islands of Peru"	G. P. Putnam's Sons
CLARK WISSLER	
"An Introduction to Social Anthropology"	Henry Holt and Co.
"Man and Culture"	Thos. Y. Crowell

"The American Indian"	Oxford University Press
"The Relation of Nature to Man in Aboriginal America"	" " "
The following books have also been produced in foreign editions:	
"The Origin and Evolution of Life," by Henry Fairfield Osborn	French, German and Japanese
"From the Greeks of Darwin," by Henry Fairfield Osborn	Italian and Bulgarian
"Men of the Old Stone Age" by Henry Fairfield Osborn	Russian
"Trail of Ancient Man," by Roy Chap- man Andrews	German and Swedish
"Ends of the Earth," by Roy Chapman Andrews	German
"Man and Culture," by Clark Wissler	Japanese

## PUBLICATION IN 1930

The record of the publications issued in 1930 stands high in the history of the Museum. The outstanding publications include Volume I of the *Bashford Dean Memorial*, entitled "Memorial Biography of Bashford Dean," by William K. Gregory. "The Birds of Matto Grosso, Brazil," by Mrs. E. M. B. Naumburg, published as Volume LX of the *Bulletin*, is a most valuable contribution to the bird distribution of western Brazil. "The Craniology of the North Pacific Coast," by Bruno Oettking, appearing as Volume XI, Part 1, of the Jesup North Pacific Expedition Series, is devoted to the physical anthropology of the North Pacific area. The *Proceedings of the XXIII International Congress of Americanists* have been edited by the Department of Anthropology under Curator Wissler's direction.

Practically completed in 1930, although not actually appearing till the end of February, 1931, is Volume IV of the *Natural History of Central Asia*, entitled "The Permian of Mongolia," by A. W. Grabau. This is the second of the volumes to appear on the results of this important expedition. The editorial work on this highly technical volume has been a most difficult and complicated task and has been splendidly carried out by Dr. Chester A. Reeds.

Excellent progress has also been made on the second of Professor Osborn's great monographs, namely, the *Probos-*



*idea Memoir*. Professor Osborn has already completed Chapters two to twenty inclusive, of the twenty-three chapters, and nearly one thousand pages are in type. It is expected that the *Memoir* will appear in 1931.

The scientific publications printed by the Museum press include 726 pages of the *Bulletin*, 529 of *Novitates*, 300 of *Anthropological Papers*, and 672 pages of *Natural History*.

#### THE LIBRARY

The importance of the Museum's library as an aid not only to the members of our scientific staff but in distributing the results of our work, is not generally realized.

In the comparatively few years of its existence the Library has gradually become one of the most useful and important in the country on natural history subjects. This position has been made possible by the fine foundation of rare periodicals and of such natural history classics as the works of Lamarck, Linnæus, Buffon, Audubon, Gould and others, around and upon which, especially during the past thirty years, a working Library has been built. Periodical files have been completed as opportunity permitted, and as many of the older natural history works as possible have been added, piece by piece, volume by volume. The possession of these early publications makes for strength and true value and has gained for us the esteem of the scientist, the student and the world at large, together with an increasing confidence in our capacity for service and information.

Much of this rare material has been acquired by gift, some as the result of careful purchasing, and the remainder has come as a tangible result of the Museum's exchange relations.

One hundred scientific institutions throughout the world, chosen for their strategic location, receive all the publications issued by the Museum, and in turn send us all of theirs; 952 others send various reports, periodicals, etc., for certain of our series. In this way, from scientific institutions of every country in the world, even the most remote, the Museum receives the printed testimony of active research and local study—and the key which unlocks the door to these treasures is the high regard in which our own publications are everywhere held, as well as the variety of subject which

they offer. Through its literature the Museum has constantly striven to advance the progress of science and has so become a source of inspiration and information to those who would emulate its modern methods and enthusiastic initiative.

Thus well equipped, the Library is a steady contributor to the work done in our various research rooms and laboratories. But its service reaches far beyond the Museum walls. Through inter-Library loans its volumes go to such seats of learning and research as Columbia University, Rockefeller Institute, New York University, within the City, or travel still farther, to supplement, for example, the Libraries of Yale, Harvard, Princeton, Johns Hopkins, the University of Illinois, the University of Missouri, the University of California, and McGill University in Montreal.

But more often members of sister institutions come to us. Especially during the academic vacations, our Library is visited by numerous graduate and undergraduate students from universities of other cities. At all times scientists make this a stopping point in their travels in order to verify some important data or to use our many reference facilities.

### 1930 PROGRESS IN THE EXHIBITION HALLS

Of the present forty-four exhibition halls and corridors, only the Morgan Hall of Minerals and Gems, the North Pacific Hall, the Hall of the Age of Man, the Forestry Hall, the Darwin Hall of Biology, the Hall of Fishes of the World, the Hall of Geology and the South Asiatic Hall may be regarded as complete. The following halls are being replanned:

AGE OF MAMMALS	Section 3,	Floor IV
AGE OF MARINE REPTILES	" 5,	" IV
AGE OF DINOSAURS	" 9,	" IV
RACES OF MAN	" 4,	" III
ANCIENT PERU	" 8,	" II
NORTH ASIATIC MAMMALS	" 5,	" II
OCEANIC HALL	" 10,	" B
NORTH AMERICAN MAMMALS	" 13,	" I

This rearrangement is a sign both of growth and of the incessant enlargement of our collections by new additions as well as by the introduction of new educational and exhibi-

tional ideas in matters of illumination and of arrangement. These older halls, together with the newer ones in anticipation in the African and Australian sections, are making constant demands on the alertness, intelligence and Museum spirit, not only of the officers of the Department of Preparation and the Curators of the departments principally concerned, but of the Trustees' Committee of Buildings and Plans. Great credit is due to Assistant Director Faunce and to our architects, as well as to our officers of building and construction, Messrs. Beers and Langham, for the coordinated arrangement of these replanned exhibitions on most modern principles.

Some of the outstanding additions to the exhibition halls are the following: *Vernay-Faunthorpe Hall of South Asiatic Mammals*. The years of preparation in the field and at the museum for a modern presentation of the great game mammals of Southern Asia reached a happy conclusion on November 17 when the *Vernay-Faunthorpe Hall of South Asiatic Mammals* was officially opened. It is believed that this is the first occasion upon which an entire large hall with habitat groups especially designed for that hall has been opened to the public. Due to the energetic support of Mr. Arthur Stannard Vernay and the late Lt.-Col. John Champion Faunthorpe, whose untiring efforts in the field resulted in the collection of these mammals, and to the most generous financial backing which Mr. Vernay brought to the undertaking, it has been possible for the museum to accomplish this unique feat of offering the mammal fauna of half a continent at a single event.

The preparation of these groups has been a great achievement. Under the skilful direction of Assistant Director Clark and his associate, Mr. Butler, and our corps of preparators, artists, technicians and assistants, this phase of the undertaking has been carried through with great skill, with notable artistic ability, with the solving of difficult problems of lighting, and with the most careful attention to the minutest detail which would add to the accuracy of the group, until the final result stands as the finest example of modern methods of Museum exhibition.

The finished South Asiatic Hall is superb. It surpasses our

fondest dreams and expectations. There is nothing like it anywhere, and it will be a source of inspiration and information for all time. Scientists throughout the world and visitors of all classes, both old and young, owe a debt of everlasting gratitude to Mr. Vernay and to Colonel Faunthorpe for making such an exhibition possible.

*Birds of the Continents Hall.* In the *Central Bird Hall*, two additional habitat groups of birds of the world have been completed and were opened on November 7, 1930, namely, the exquisite Pampas Group of Patagonia and the impressive Aconcagua Group, contrasting the bird life of the Plains of South America with that of the high Andes.

The Pampas Group was presented by Mrs. Anna E. Erickson, in memory of the writer and naturalist, William Henry Hudson. With the opening of these two units, one-third of the groups for the hall are now completed.

*African Ethnology Hall.* The collections in the new *African Ethnology Hall*, on the third floor of the Southeast Wing, have been completely reinstalled and will shortly be opened to the public. This hall has been dedicated to the late King Leopold and to King Albert of the Belgians because of their generous gifts.

*Vertebrate Palæontology.* Among the notable additions to the fossil vertebrates are two rare examples of ancient life. A skull of the straight-tusked Pleistocene elephant, discovered in Italy in 1926, was purchased and presented by Professor Henry Fairfield Osborn, who has described it under the name *Palæoloxodon antiquus italicus*. This specimen was perfect when discovered, but the finder destroyed parts of it during excavation. Fortunately, photographs and careful measurements taken before excavation made it possible, after arduous laboratory preparation, to restore this rare skull of its original form. Another unique specimen is a shell and parts of the internal skeleton of the giant land tortoise, *Colossochelys atlas*, from the Pleistocene beds of the Siwalik Hills, in northern India. This is the largest known specimen so far discovered, in size and weight far exceeding any living tortoise.

*The Insect Hall.* In the *Hall of Insect Life*, the installation by Curator Lutz of an exhibit of live insects, including

a hive of bees, a colony of ants, the life cycle of the mosquito and the life history data of many others, has attracted wide attention upon the part of both adults and children. The results indicate the desirability of making such an exhibit permanent.

Another installation which has attracted considerable attention is an exhibit of some of the things that we owe to insects. The importance of entomology, by reason of the immense damage done by certain insects, can not be over-emphasized, but entomology is equally important by reason of the good which other insects do, and this latter fact is either unknown to or ignored by most people. Are you aware that if it had not been for insects, we would not have had peaches, apples, oranges, or beans, cabbages, celery, or any other vegetables except corn? Without insects we would have no linen, cotton or silk. Our insect friends are not only those which combat and hold in check our insect enemies but—and that is the point of this exhibit—those which, by carrying pollen from flower to flower, make our present civilization possible.

The necessity of completing the Vernay-Faunthorpe Hall of South Asiatic Mammals in time for the official opening on November 17th, necessarily retarded the mammal preparation for the African Hall and for the North Asiatic Hall. Furthermore, the prospect that the Akeley African Hall building would be completed within the year made it advisable to slow down the preparation of groups for the African Hall until the building was completed. Nevertheless, considerable work was done on the African material, and the immediate preparation program includes the beginning of the mounting of the Saiga Antelope and the Siberian Tiger secured by the Morden-Graves Expedition. This work is progressing rapidly in 1931.

In the *Hall of Ocean Life*, considerable progress has been made upon the great Coral Reef Group. The coral cavern, which occupies the entire right-hand portion of the lower part of the group, has been modeled and colored. Thousands of specimens of gorgonians have been prepared from fresh material collected during the spring in the Bahamas. A fine

series of millepores has been prepared and colored for installation. The steel and plaster work for the outer case have been completed.

Two of the specimens for the Walrus Group have been finished and a third is nearly complete. The seventh of the murals by John P. Benson, The Bowhead Whale, has been completed. This mural is a gift from the artist.

In Anthropology, the *Hall of Racial Anatomy* is being installed. This Hall is divided into two sections; one is being arranged by Curator Gregory and the other by Associate Curator Shapiro. Doctor Gregory has his exhibit well advanced, but little has been accomplished by Doctor Shapiro because of delay in moving the Peruvian material to the new *South American Hall*. In this case also we cannot proceed rapidly until competent technical assistance is available.

In spite of the special attention that it has been necessary to give to these major installations, the Department of Preparation, under Vice-Director Clark's supervision, has accomplished a considerable amount of general preparation for all departments of the Museum; the results of this work, however, will not be evident until the year 1931.

### PRESENT BUILDING PROGRAM

In previous Annual Reports, the financial side of City and State appropriations for the Museum building program has been fully set forth and need not be repeated this year. It is sufficient to say that the four great sections now under construction by the City and the State at a total cost of \$7,650,000 show a bright prospect of completion in the year 1932, which will bring the total cost of the Museum buildings up to \$16,000,000.

To complete the east facade, application is now being made for the plans of the Australian Hall, northeast corner, Section 20, at an estimated cost of \$1,000,000; also the Planetarium, Section 18, a two-story structure in the northeast court, at an estimated cost of \$750,000. It is hoped that the Planetarium may be presented to the City by a group of citizens interested especially in astronomy. As shown in the infolded diagram it will be accessible either

through the Roosevelt Memorial or the Central Astronomic Hall, as well as from Eighty-first Street. A special committee is being appointed to supervise the preparation of these plans under the Advisory Committee on Astronomy.

A very important step is the future removal of the Library to Floors IV, V and VI of the Astronomic Hall, Section 7, which will afford a ready access to all the present and future scientific activities and departments of the Museum, also a possible reading room accessible through the new elevators planned in the Roosevelt Memorial Section.

With these exceptions, a summary of the report of building progress may be made as follows:

**ROOSEVELT MEMORIAL AND STATE EDUCATION BUILDING,**  
Section 12, being erected by the State of New York.

The contract for the completion of this building has been awarded, and it is expected to dedicate the finished structure on October 27, 1932.

**AFRICAN HALL,** Section 13, being erected by the City of New York, including:

**NORTH AMERICAN MAMMALS**.....Floor I  
**AKELEY AFRICAN MAMMAL HALL**.....Floor II  
**SMALL MAMMAL GROUPS, GALLERY**.....Floor III  
**JURASSIC DINOSAURS**.....Floor IV  
**OFFICES AND LABORATORIES**.....Floor V  
**RESEARCH LABORATORIES OF THE DEPARTMENT OF EXPERIMENTAL BIOLOGY**.....Floor VI  
**QUARTERS FOR LIVE ANIMALS**.....Roof

**POWER AND SERVICE BUILDING,** Section 17, erected by the City of New York, will be ready for occupancy in May, 1931.

**SOUTH OCEANIC HALL,** Section 19, to be erected by gift of the late Mr. Harry Payne Whitney and the City of New York as a memorial to the late Mr. William C. Whitney, including:

**BIOLOGY OF BIRD LIFE**.....Floor I  
**WHITNEY MEMORIAL HALL OF OCEANIC BIRDS**.....Floor II  
**WHITNEY MEMORIAL GALLERY OF OCEANIC BIRDS**.....Floor III

GALLERY OF BIRD PAINTINGS, RESEARCH AND STUDY ROOMS.....	Floor IV
OFFICES, LABORATORIES AND STUDY ROOMS.	Floor V
RESEARCH ROOMS AND QUARTERS FOR LIVE BIRDS.....	Floor VI
<b>THE THIRD GENERATION OF TRUSTEES</b>	

I trust the stirring words of Winston Spencer Churchill in his recent volume, "A Roving Commission, my Early Life," will be taken to mind and heart by every member of the third generation of our Board of Trustees, for upon their shoulders will soon fall the entire responsibility, financial, administrative, scientific, and educational, of the leading Museum of its kind in the world. Winston Churchill appeals to the young men of England:

"Come on now all you young men, all over the world. You are needed more than ever now to fill the gap of a generation shorn by the war. You have not an hour to lose. You must take your places in Life's fighting line. Twenty to twenty-five! These are the years! Don't be content with things as they are. 'The earth is yours and the fulness thereof.' Enter upon your inheritance, accept your responsibilities. Raise the glorious flags again, advance them upon the new enemies, who constantly gather upon the front of the human army, and have only to be assaulted to be overthrown. Don't take No for an answer. Never submit to failure. Do not be fobbed off with mere personal success or acceptance. You will make all kinds of mistakes; but as long as you are generous and true, and also fierce, you cannot hurt the world or even seriously distress her. She was made to be wooed and won by youth. She has lived and thrived only by repeated subjugations. . . .

But now I pity undergraduates, when I see what frivolous lives many of them lead in the midst of precious fleeting opportunity. After all, a man's Life must be nailed to a cross either of Thought or Action. Without work there is no play."

The first generation of Trustees included such great names in the history of our City and country as:

**THEODORE ROOSEVELT**

**JOHN DAVID WOLFE**, first President of the Museum

**ROBERT L. STUART**, second President of the Museum

**ADRIAN ISELIN**

**HOWARD POTTER**

**ANDREW H. GREEN**, Father of Greater New York

<sup>1</sup>Address of the President, Sixty-Second Annual Meeting of the Board of Trustees, January 5, 1931.



MORRIS K. JESUP, third President of the Museum  
J. PIERPONT MORGAN  
CHARLES A. DANA  
JOSEPH H. CHOATE

These and other original Trustees laid the foundations and closed the report of the first year<sup>1</sup> with the following:

In closing their Report for the first year, the Trustees feel justified in congratulating the subscribers on the marked success that has attended their efforts to meet a great want so long felt by our city. With a continuance of your deep interest, with the cordial aid of scientific men in our midst, and allied as we are in this effort with the Park Commissioners, we have, if properly supported and aided with funds by our fellow citizens, a guarantee of a prosperous future in the formation of a Museum of Natural History that will be second to none, and which, while affording amusement and instruction to the public, will be the means of teaching our youth to appreciate the wonderful works of the Creator.

The sterling men of this first generation were impelled by the strong religious and stern Puritanical code of their time which demanded that each should give a tithe of his income to benevolent purposes and a greater or less quota of his time to the public interest. Philanthropic and patriotic service was instilled weekly in every pulpit, for practically everyone attended church.

All this is changed, and the third or present generation must be roused by the spirit of patriotism, the sense of public service, the love of adventure on land and sea, such as was so superbly manifested during the World War and proved that young America, like young England, is sound in heart and mind and only waits the great opportunity which seems really worth great personal sacrifice.

Such opportunity the American Museum on its 62d birthday offers in unparalleled measure—travel, exploration, research, adventure, laboratory or book work, *but always work of the hardest kind*. Only those on the inside can form the faintest idea of what "Life's fighting line" in the American Museum means. First, it means keeping yourself in sound physical and mental condition which is impossible if you yield to dissipation; second, it means dogged persistence in the face of what appear to be insuperable difficulties;

<sup>1</sup>First Annual Report of The American Museum of Natural History, January, 1870. (Written for President Wolfe by Joseph H. Choate.)

third, it means that you must deny yourself many of the thousand opportunities which surround you in a rich and pleasure-loving age such as ours. It has taken the Board of Trustees of this Museum sixty-nine years of faith, confidence, patriotism, intelligence and unbounded generosity to bring this Museum as a whole up to its present unrivalled position. It will take fourteen years to complete the Roosevelt Memorial, years full of difficulties and obstacles of every kind. It took twelve years of the hardest kind of work on the part of a large number of men to complete the Asiatic Hall. It will take the remaining lifetime of the third generation, which may be estimated at twenty years, to fulfil the colossal dreams of Albert S. Bickmore and the Museum Founders of 1869.

But if the difficulties and obstacles are great the rewards of the patriotic and public-spirited American are even greater. Life becomes more enjoyable and stimulating every moment; it is crammed full of interest and of new opportunity every day. Two years ago the life of the banker seemed entrancing, but what New York banker today would not be glad to exchange places with the explorers and naturalists of our Museum? Two years ago an investment in the American Museum Endowment Fund did not seem so very attractive, but to how many bankers and brokers now does not the American Museum appear as the soundest possible investment in American progress and civilization?

America has now reached a turning point in her civilization. Either our wealth is going to destroy our youth and sap its energy and fortitude, or more of our youth are going to enter the fields of adventure, of exploration, of science, or the fine arts, in which there open such superb opportunities of inexhaustible research and happiness.

FIRST and most important is to complete our Sixtieth Anniversary Endowment Fund by the addition of \$7,500,000 to the \$2,500,000 added since January, 1929. This cannot be postponed; it certainly must be done before the autumn of 1932, when we can no longer even exist on our present income.

SECOND and of immediate importance is the completion of the African Hall groups towards which altogether \$465,000

have been contributed and for which the City has erected a magnificent new building at a cost of \$1,500,000.

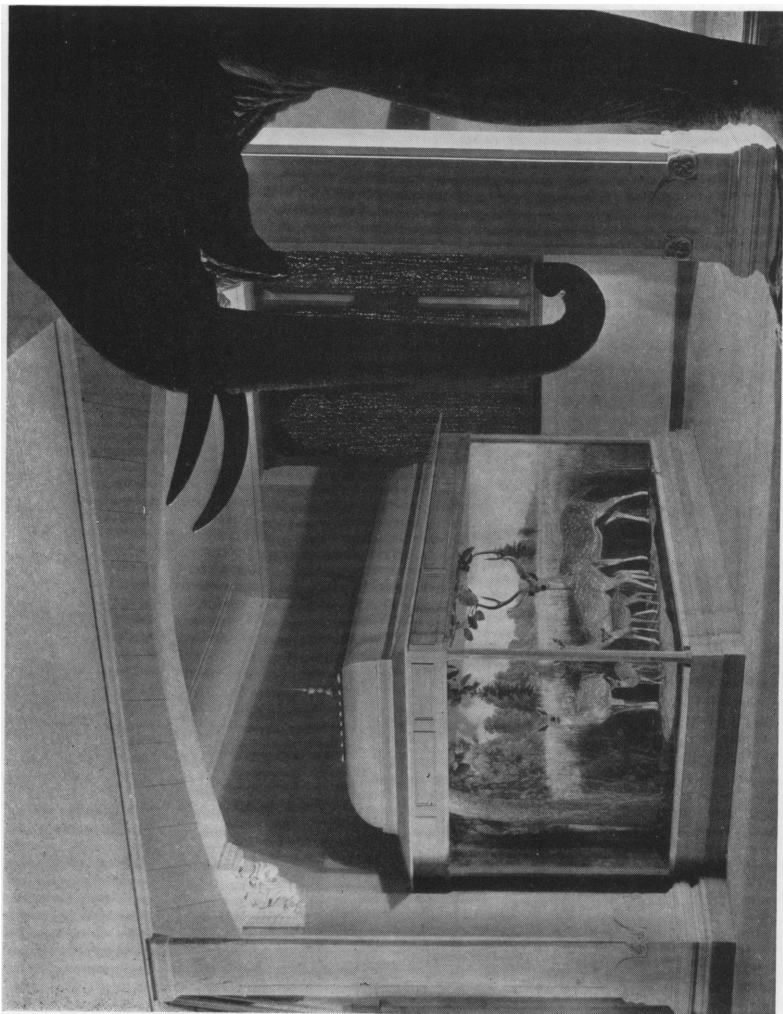
THIRD, to begin at once the North Asiatic Hall and mount first the groups collected most generously and at the peril of life by Messrs. Roy Chapman Andrews, William J. Morden, James L. Clark, and George C. Graves, 2d. On our immediate arrangement for the beginning of these groups depends the continued interest and backing of a man who is second only to Arthur Vernay in generosity and devotion to the Museum, Mr. William J. Morden, formerly of Chicago, now of New York. He is ready to give his life to the North Asiatic Hall and to make it just as grand as the South Asiatic Hall just completed, if we will only meet him half way, and I am certain our Trustees and Members will do it.

FOURTH, concurrent with these great enterprises which we must face and conquer is the strengthening of our already splendid Administrative Staff by the formation of an advisory cabinet to Director Sherwood, in the persons of Messrs. Andrews, Clark, Faunce, Smyth and Pindar, who will not only lighten the burdens of this priceless man and thereby prolong his usefulness but will be prepared to function for the coming fifteen years as leaders of the scientific and administrative development of the Museum.

FIFTH, concurrent also with the four great movements above is the organization of the third generation of Trustees so that by individual and collective effort they will be able to step into the boots of the President on January 1, 1933.







DEPARTMENT OF MAMMALS  
A corner of the Vernay-Faunthorpe Hall of South Asiatic Mammals  
Opened November 17, 1930



## II. ADMINISTRATION, OPERATION, BUILDING

GEORGE H. SHERWOOD, Director

WAYNE M. FAUNCE, Assistant to the Director

It is a stupendous task to service The American Museum of Natural History, with the annual attendance exceeding a million persons, with its five hundred employees who must be kept supplied with adequate facilities for work, with its forty-four exhibition halls and fifteen acres of floor space to be cleaned and kept guarded. To these requirements add the many problems that are presented in carrying out the most extensive building program in the history of the Museum, and the additional service that must be supplied to the scientific workers who are obliged to carry on within the Museum building, since exploration has been practically suspended because of the budget limitations, and it will be seen that very heavy burdens have been placed on all of the operating departments during the year 1930. The members of these departments have risen to this emergency in a splendid manner. Intricate construction problems have been satisfactorily met both in connection with the existing buildings and in the buildings now under construction. Of great importance are the services that have been rendered by Assistant Director Faunce, Chief of Construction Beers, and Chief Engineer Langham. Equally efficient has been the service rendered by Superintendent Foulke and his associates. The welfare of the employees has been well safeguarded by the watchfulness of Mr. Pindar, the Secretary of our Pension Board, while Bursar Smyth has continued his always effective service in following and analyzing our financial operations.

It is gratifying to report that our contact with the public has increased, the records showing that the attendance in 1930 is 164,072 greater than in the preceding year. Our relation with the schools and other institutions has been more varied and more extensive than ever before. The extent of this development of the Museum's relation with the public and especially with the educational system of the City, are given in the following tabulation of statistics covering the past five years.

STATISTICS OF NUMBERS REACHED BY THE MUSEUM AND ITS  
EXTENSION EDUCATIONAL SYSTEM

	1926	1927	1928	1929	1930
Board of Education Lectures	10,460	10,914	12,342	-----	-----
Lectures to School Children and classes visiting the Museum for Study.....	138,514	145,304	172,549	157,168	214,153
Meetings of Scientific Societies and Other Meetings and Lec- tures.....	34,976	47,680	27,461	45,936	56,640
Total.....	183,950	203,898	212,352	203,104	270,793
Attendance in Exhibition Halls	1,836,315	2,088,978	688,879	712,529	876,601
Total attendance for all Purposes.....	2,070,265	2,292,876	901,231	915,633	1,147,394
Lectures to Pupils in the Schools	33,255	20,421	45,718	26,456	19,512
Number reached by Motion Picture Service.....	530,955	1,123,704	1,576,249	1,725,865	3,764,505
Number reached by Lantern Slide Service.....	4,358,423	6,866,112	9,734,122	8,550,181	15,588,403
Number reached by Circu- lating Collections.....	798,382	1,679,589	2,282,272	1,857,729	3,194,647
Grand Total.....	7,791,280	11,982,702	14,539,592	13,075,864	23,714,461

A contributing factor in this widening influence of the Museum has been the excellent information which has been sent out to the public press, magazines and similar publications by Mr. George N. Pindar, Chairman of the Public Information Committee. Mr. Pindar and his staff have sent out forty-two press bulletins, describing the purposes, the localities, work and results of the thirty-seven expeditions which have been in the field this year. Very often, when an expedition returns from the field, the Publicity Department arranges a press meeting, at which the history of the trip is explained in full to the members of the press by the leader of the expedition.

In addition to press bulletins, many special articles are prepared during the year for books, almanacs and other publications, which bring the work of the Museum up to date and keep its activities before the public. Another item, by no means a small one, is the preparation of the Museum calendar, which is sent to the entire membership list. From our great library of photographs are chosen such pictures as are particularly well suited and timely, and one page is devoted to whatever Museum feature is most important at the time. An illustrated, descriptive book of the South Asiatic Hall was prepared at the time of the opening in November. All such material forms a part of the work of Museum service to the people.

Another form of Museum publicity which is widespread and has produced gratifying results is to be found in the radio talks given



weekly over Station WOR, since the first of October, on Sundays. On the first Sunday of each month, the *Herald-Tribune* cooperates with us by using a page in the rotogravure section for pictures supplied by the speaker for that day on his work. This has aroused added interest in the Museum and its requirements, as is evidenced by the many responses to the talks. In the early autumn, a short series of talks was given by Museum speakers over Station WEA. Every department in the Museum has contributed to the radio talks during the year.

#### PROGRESS OF CONSTRUCTION DURING 1930

The American Museum is passing through the period of greatest building expansion in the history of the institution. During 1930, work was in progress on the erection of three new sections, the Roosevelt Memorial, the African Hall and the Power and Service Building, and plans were completed for a fourth, the South Oceanic Wing. The construction and equipment of these additions to our building, which will increase the floor space of the Museum by approximately forty per cent., are expected to cost nearly \$8,000,000. The contract for partial construction of the Roosevelt Memorial, carrying the building up to the second floor, was completed in the early autumn, and the final contract has been let for the completion of this magnificent memorial which is being erected by the State of New York. The construction of the African Hall, provided by City appropriations, has proceeded rather slowly with several annoying delays; nevertheless, this section should be ready for occupancy in the summer of 1931. The Power and Service Building, also being built by the City of New York, has made rapid progress. It is expected that the power plant will be in operation early in 1931 and that the Department of Preparation will move its studios and workshops into the upper floors at about the same time. In connection with the new power generating equipment, a complete modern electrical power distribution system has been installed throughout the old sections of the Museum. It was also found necessary to contract for extensive new trunk sewer lines to provide for the drainage of the buildings under erection.

The Administrative Staff and the members of the Bird Department, together with the architects, Trowbridge and Livingston, have given much time and thought to the preparation of plans and

specifications for the new South Oceanic Wing, also known as the Whitney Hall of Birds, which will be erected as a section of the Museum on Central Park West, directly north of the Roosevelt Memorial. Through the munificent gift of \$750,000 by the late Harry Payne Whitney and appropriation of a like amount by the City, there are ample funds available to construct and equip this building, and work will start in February, 1931.

Studies were begun on plans for a building in the Northeast Court to house a Zeiss planetarium, similar to the exceedingly popular Adler Planetarium recently opened in Chicago and the one which Philadelphia expects to dedicate in December, 1931. Preliminary plans were drawn for a building at the northeast corner which will complete the Central Park facade.

To provide study and catalogue space for servicing the shell collections in the Hall of Ocean Life, the City has completed an extension to the Southeast Wing Corridor in the form of a room approximately twenty-five feet square with a balcony. In pursuit of our program of modernizing some of the older exhibition halls in which the casing and lighting arrangements are obsolete, our architects have in process of preparation plans for the complete redecoration and relighting of the Age of Mammals Hall on the fourth floor. This will be our major renovation project in 1931.

These large building operations, together with several smaller contracts and the ever increasing amount of construction and engineering work carried on within the Museum by our own force of mechanics, constitute a building program which imposes an exceedingly heavy burden on our Administrative Staff. Thanks to the tireless energy and close cooperation of all the officers, work has been carried on with remarkable speed and efficiency. In this brief report it is not possible adequately to describe the immense amount of construction and engineering work completed during the year. Almost 600 separate requisitions, for items involving work by our own mechanics, received attention.

Architectural changes and case construction for the Vernay-Faunthorpe Hall of South Asiatic Mammals opened on November 17, new exhibition cases for fossil vertebrates, cases for the exhibit being developed as an introduction to the study of man, eight insect habitat groups and several hundred storage trays are representative of the bigger items completed in our own shops in 1930 under City appropriations. The fireproofing of attic rooms

and the proper lighting of these storage spaces have been practically completed. The Coral Reef Group case, the lighting of several other habitat group cases in the Hall of Ocean Life, intra-case lighting in the new Peruvian Hall, additional lighting in the Hall of Physical Anthropology, and plans for a new anthropology storeroom have also been well advanced through City funds.

Under City Budget appropriations for extraordinary repairs, we have rebuilt the skylights in the North Wing roof and rendered the whole roof waterproof. Several hundred feet of leaking copper gutters have been replaced and many window frames repaired and painted. New roof drains have been installed in the East Wing, and in several sections of the building work is in progress on the modernizing of electrical lines in conformity with our new power plant arrangements. The Peruvian Hall, the Hall of African Ethnology and the rooms and corridors on the fifth floor of the Columbus Avenue Wing have been painted.

A suite of three offices for the Department of Publishing was provided by subdividing a large room on the fourth floor of the School Service Building, and on the fifth floor new storage racks for non-inflammable motion picture film were installed. New lighting fixtures have been installed in the East and West Assembly Halls and modern lighting introduced in several offices and storerooms. The cloudburst in early July flooded the basement of the easterly section of the building, submerging electrical and ventilating equipment in the Southeast Wing sub-basement, causing damage which it has cost several thousand dollars to repair. Note should be made in this report of the work which has been done in constructing field equipment for our many expeditions and also that in connection with temporary exhibits in Education Hall, such as the Children's Fair and the Flower Show.

In the general up-keep of the Museum, the force of the Superintendent of Buildings plays an important part. The facts that there are at present fifteen acres of floors, exclusive of buildings under erection; more than 300,000 square feet of plate glass to keep clean, and forty-four exhibition halls and corridors to police, give some idea of the magnitude of this job. It is very gratifying to report that the City of New York, recognizing the necessity of close supervision of this work, has provided the new position of Assistant Superintendent of Buildings, effective April 1, 1931.

Measured qualitatively as well as quantitatively, a splendid record of marked progress has been made during the year, reflecting the skill and loyal devotion to duty of the employees in our Construction, Engineering and Maintenance Departments. All who have had a hand in carrying on the mechanical work of 1930 may well be proud of the accomplishments of the year, and great credit is due the heads of mechanical departments who so ably supervised the extensive program.

#### REPORT OF THE REGISTRAR

The remarkable growth of the American Museum in new buildings and added exhibits is reflected in the growth of the Registrar's Department. During 1930, there were 940 accessions recorded as follows: By gift, 700; purchase, 110; exchange, 56; transfer, 15; expedition, 58; permanent deposit, 1. This is a very favorable increase over any previous year. But it should be borne in mind that it is not the matter of growth alone that should absorb museum authorities, but the use of that growth, and one of the first requisites in the handling of large collections should be their systematic and orderly cataloging.

In the shipping department, 25,605 shipments were recorded, 15,543 of which were incoming, and 10,062 were outgoing. The many deliveries made by automobile, together with the careful packing of material for shipment, attention to bonded material arriving and to express shipments, create a busy department.

The Registrar takes this opportunity to express his appreciation of the assistance rendered through the cordial cooperation of the Curators in promptly sending accession records of all material received, as it is only by this means that the Registrar's department is able to keep its records correct and, in order to furnish needed information on the collections in the Museum, accession records must be kept strictly up to date.

There is occasional evidence of the excellency of the system employed in keeping these records, from the requests by other institutions for an explanation of the methods used and examples of all of the record cards employed. One very excellent feature of the system is that it can be expanded indefinitely. We would add that the prime object of a division of records should be service, prompt and accurate. This we endeavor to supply.

Despite the financial stringency of the past year, the Curators have stated, and our records indicate, that the material received through gifts has been larger in amount and of greater value than in any recent year. To this is attributed the wider knowledge of the Museum by those interested in natural history, and the desire to further the growth of an institution which stands for such splendid work.







DEPARTMENT OF BIRDS

The Aconcagua Group—The Bird Life of the High Andes

One of twelve groups being prepared to show the bird life zones of continents.  
Prepared with the Morris K. Jesup Fund





### III. FINANCIAL ADMINISTRATION

JAMES H. PERKINS, Treasurer  
FREDERICK H. SMYTH, Bursar

#### SIXTIETH ANNIVERSARY ENDOWMENT FUND

It was confidently expected that the year 1930 would close with the major portion of the Sixtieth Anniversary Endowment Fund subscribed, but, owing to the business depression, it was deemed advisable not to launch a popular solicitation of funds, but quietly to approach our Trustees and certain other friends for a portion of the endowment. The campaign, opened in January, 1929, has resulted in \$2,500,948.91 being subscribed, pledged, paid by bequests, or accruing from bequests pending.

The summary of gifts and bequests is as follows:

Received during 1929			
Trustees.....	\$275,000.00		
Members and Friends.....	<u>87,050.00</u>	\$362,050.00	
Received during 1930			
Trustees.....	\$488,000.00		
Members and Friends.....	<u>698,880.23</u>	<u>1,186,880.23</u>	
Total Received.....			\$1,548,930.23
Gifts Pledged or Bequests Pending			
Trustees.....	\$571,000.00		
Members and Friends.....	<u>381,018.68</u>		<u>952,018.68</u>
Grand Total.....			<u><u>*\$2,500,948.91</u></u>
*Summary			
Trustees.....	\$1,334,000.00		
Members and Friends.....	<u>1,166,948.91</u>		
	<u><u>\$2,500,948.91</u></u>		

We appeal to our Members to subscribe to this fund, in order to push forward many scientific expeditions, to aid in the publishing of important results in research, to finance the preparation of specimens and the placing of groups in the new halls under construction, to further the educational work and contacts with the universities and colleges throughout the world, and to continue the close cooperation of the Museum with the public school system of New York City.

**PERMANENT ENDOWMENT FUND, 1930**

Considerable time and attention have been given to conserving the principal and income of the Endowment Fund, and frequent surveys of the list of securities have been made during the year. It is gratifying to note that on December 31, 1930, despite the difficult economic conditions of the year, the market value of the fund was considerably in excess of the book value, and the yield was the same as in previous years. To the Finance Committee, Messrs. George F. Baker, Jr., George T. Bowdoin, A. Perry Osborn and Felix M. Warburg, and to the Advisers to the Finance Committee, Messrs. Arthur M. Anderson, Everett B. Sweezy and Moreau Delano, the Chairman of the Finance Committee extends his thanks for their advice and counsel.

The investment of the securities is as follows:

Railroad Bonds.....	\$8,827,946.75
Public Utility Bonds.....	2,610,573.25
Industrial Bonds and Stocks.....	1,638,705.50
Government Bonds.....	25,423.44
Investment Trust Bonds.....	296,052.50
Real Estate Mortgages.....	1,475,300.00
	<u>\$14,874,001.44</u>
Uninvested Cash.....	190,157.99
	<u><u>\$15,064,159.43</u></u>

At the close of the year, the Endowment Fund amounted to a book value in securities of \$14,874,001.44, with a market value of \$15,125,149.38, an increase in market value of \$251,147.94. There was cash on hand of \$190,157.99, principally received late in December, all of which was invested shortly after January 1, 1931.

There was added to the Endowment Fund in 1930, \$1,204,158.63 from gifts, bequests and profits in sales. The annual income is \$734,172.82, an increase of \$60,304.20 since January 1, 1930. The direct rate of yield is .0493.

Bequests and Gifts paid in 1930:

Gifts of Trustees.....	\$388,000.00
Gift of Gherardi Davis.....	250.00
Bequest of Eugene W. Durkee.....	400,000.00
Bequest of Levi L. Gans.....	1,000.00
Bequest of Bonnie W. LeClear.....	14,207.15

Gift of Mrs. James McLean.....	\$1,000.00
Bequest of Ogden Mills.....	100,000.00
Gift of Edward C. Moore, Jr.....	2,000.00
Bequest of Aaron Naumburg.....	14,423.08
Gift of Harold I. Pratt.....	5,000.00
Bequest of Charles E. Rhinelanders.....	1,552.90
Bequest of Joseph E. Rolker.....	1,000.00
Gift of Hugh M. Smith.....	50.00
Bequest of Frederick G. Voss.....	250,000.00
Bequest of John E. Whitaker.....	10,000.00
	<u>\$1,188,483.13</u>

**Prospective Receipts to Endowment in 1931 or 1932:**

<b>Gifts Pledged:</b>	
By Trustees.....	\$71,000.00
Cleveland H. Dodge Foundation.....	100,000.00
	<u>\$171,000.00</u>

<b>Bequests Pending:</b>	
James Arthur.....	\$36,385.62
George E. Halliday.....	179,633.06
Ogden Mills.....	400,000.00
Goddard Weld Saunders.....	5,000.00
Caroline B. Sellew.....	35,000.00
William Boyce Thompson.....	70,000.00
Frederick G. Voss.....	50,000.00
Samuel Rossiter Betts.....	5,000.00
	<u>\$781,018.68</u>

**SUMMARY OF ALL ACCOUNTS**

We are again printing a summarized statement of the operating accounts of the Museum, which includes the City Maintenance Account (appropriation by the City of New York), the General Account (Trustees' Unrestricted Funds), the Morris K. Jesup Fund Account (Trustees' Restricted Funds for scientific work only), and the Special Funds Accounts (comprising gifts from friends and income from specific endowment funds to be used only for designated work).

**SUMMARY OF RECEIPTS AND DISBURSEMENTS  
FOR ALL PURPOSES, 1930**

**Receipts**

City of New York for Maintenance.....		\$483,145.69
<b>Trustees' Funds:</b>		
Balance, January 1, 1930.....		226,546.31
Income from Endowment Funds.....	\$711,443.36	
Contributions of Trustees.....	129,313.13	
Contributions of Members and Friends....	202,744.06	
Membership Dues.....	77,676.00	
Sale of Publications and Exchanges.....	18,101.66	
Interest on Credit Balances.....	5,427.29	
Contributions of Foundations.....	20,000.00	
Total Income, Trustees' Funds.....		<u>1,164,705.50</u>
Total Income, All sources.....		<u>\$1,874,397.50</u>

**Disbursements (Operating Costs)****Scientific and Research:**

Geology and Invertebrate Palæontology....	\$15,438.84
Mineralogy.....	14,581.18
Mammalogy.....	56,810.86
Central Asiatic Exploration and Research...	53,537.03
Ornithology.....	106,923.64
Vertebrate Palæontology.....	79,407.95
The President's Science and Research Fund.	6,354.29
Comparative Anatomy.....	16,511.22
Anthropology.....	46,938.26
Ichthyology.....	18,363.23
Herpetology and Experimental Biology.....	39,418.13
Lower Invertebrates.....	15,979.35
Entomology.....	21,095.71
Library.....	31,535.44
Astronomy.....	3,283.14
	<u>\$526,178.27</u>

**Disbursements (Operating Costs)—(Continued)**

**Printing, Books and Publications:**

Printing and Publishing..... \$106,004.23

**Preparation and Exhibition:**

Preparation and Exhibition..... \$152,284.81

Vertebrate Palæontology..... 27,035.83

\$179,320.64

**Educational—Public School Work:**

Public Education..... \$107,794.51

**Administration and Operation:**

Administration..... \$275,843.21

General Supplies and Expenses..... 63,681.52

Heating and Lighting..... 128,541.55

Repairs and Installation..... 96,668.39

Special Repairs..... 31,303.22

Museum Restaurant Equipment..... 132.00

Architects' Services..... 2,953.32

Pension Fund and Group Insurance..... 39,328.88

Engineers' Services..... 6,250.00

Interest on Bank Loans..... 142.23

Legal Services..... 4,075.77

\$648,920.09

**Financial Administration:**

Administration..... \$71,281.60

General Supplies and Expenses..... 12,936.24

\$84,217.84

Total, all costs..... \$1,652,435.58

Balance, December 31, 1930..... \$221,961.92

**AUTHORIZED BUDGET 1930**

In December, 1929, the Trustees were faced with the problem of operating on a reduced or balanced budget, with the possibility of discharging a number of employees, and the curtailment of important Museum work, or subscribing to a deficit to maintain the Museum's activities. However, at the Annual Meeting of the Board of Trustees held January 6, 1930, it was voted to approve a budget of \$1,338,383.41, including a deficiency of \$97,390.00, which was met by contributions from the following Trustees, by contributions from other friends, by additional endowment income and other new receipts. Trustees contributing to the deficit were Messrs. Frederick F. Brewster, Cleveland Earl Dodge, Archer M. Huntington, Oliver G. Jennings, Roswell Miller, J. P. Morgan, Henry W. Sage, William K. Vanderbilt, and Felix M.

Warburg. In March, the City of New York appropriated an additional sum of \$18,001.03 for salary [increases to attendants and cleaners, and in November the Trustees voted a further sum of \$20,729.00 for emergencies arising during the year. This brought the total authorized budget to \$1,377,113.44.

There was received during the year \$1,371,137.31, or \$5,976.13 under the estimate. It was, however, possible to close the year without a deficiency, on account of increased watchfulness over expenditures with a decrease in the anticipated budget expenditures.

The deficiency of \$118,119.00 was reduced as follows:

Contributions of Trustees.....	\$82,000.00
Contributions of Friends.....	886.00
Income from Endowment and other sources.	29,256.87
Decrease in estimate of anticipated budget expenditures.....	5,976.13
	<u>\$118,119.00</u>

#### GIFTS TO GENERAL ACCOUNT AND SPECIAL FUNDS ACCOUNT

The appeal for funds during 1930 met with a very generous response, and we extend our grateful thanks for these gifts.

In order to conserve space in our printed financial report, lists of contributors to certain funds of the Museum are shown elsewhere. In the following list, only those funds made up of gifts from large numbers of donors are included.

#### CONTRIBUTIONS FOR GENERAL PURPOSES

Bulkley, David Todd.....	\$200.00	Marsh, Mrs. Valentine.....	2.00
Harriman, Mrs. J. Low....	20.00	MacVeagh, Mrs. Ewen C...	5.00
Hupfel, J. Chr. G.....	5.00	Osborne, Arthur A.....	2.00
Iselin, Adrian.....	500.00	Strauss, Frederick.....	100.00
Koenig, Miss Adelaide....	50.00	Sturgis, Miss Lucy C.....	2.00
			<u>\$886.00</u>

#### CENTRAL ASIATIC EXPEDITIONS FUND NO. 2—1930

American Museum of Natural History.....	\$5,000.00	
Cook, Marguerite.....	25.00	
Gribbel, Mrs. John.....	25.00	
Hamilton, Claude.....	25.00	
Nickels, L. H.....	5.00	
Wightman, Henry Nicoll.....	9.00	\$5,089.00

<b>CENTRAL ASIATIC EXPEDITIONS FUND NO. 2—1931</b>	
Baeyertz, J. T. F.....	25.00

<b>CENTRAL ASIATIC EXPEDITIONS FUND NO. 3—1929</b>	
Hegeman, Gerard C.....	25.00

<b>CENTRAL ASIATIC EXPEDITIONS CONTINUATION FUND</b>	
Anonymous.....	\$10.00
Gates, Mr. and Mrs. Thomas S.....	2,000.00
McClintock, Gilbert S.....	200.00
Morgan, J. P.....	7,500.00
	<u>9,710.00</u>
	<u>\$14,849.00</u>

<b>CHARLES L. BERNHEIMER PICTOGRAPH RESEARCH FUND</b>			
Abercrombie, David T....	\$100.00	Kenyon, Miss Helen.....	5.00
Bache, Jules S.....	100.00	Lewisohn, Adolph.....	25.00
Brown, James M.....	100.00	Ludlum, Clarence A.....	25.00
Cohen, Arthur J.....	100.00	McCulloh, James S.....	100.00
Dowling, Robert E.....	100.00	Metz, Hon. Herman A...	100.00
Ecker, Frederick H.....	100.00	Moses, Mrs. Henry L....	100.00
Elkus, Hon. Abram I....	25.00	Naumburg, George W....	100.00
Fischer, Frederick G....	100.00	Post, James H.....	100.00
Glazier, Henry S.....	100.00	Pulleyn, John J.....	100.00
Halle, Mrs. Stanley J....	100.00	Rose, Alfred L.....	100.00
Hirsch, Charles S.....	50.00	See, Alonzo B.....	100.00
Hochschild, Harold K....	100.00	Silbermann, Arthur.....	100.00
Hoppin, William W.....	25.00	Stroock, Sol. M.....	50.00
			<u>\$2,105.00</u>

<b>EMERGENCY EXHIBITION AND EDUCATION FUND NO. 1—1930</b>			
Battle, Geo. Gordon.....	\$100.00	Nichols, Wm. H.....	100.00
Blackmer, James L.....	100.00	Pierrepont, Anna J.....	100.00
Boury, Louis J.....	100.00	Riegger, Arnold F.....	25.00
Carnegie, Mrs. Louise W.	100.00	Savin, William M.....	100.00
Chapin, Charles M.....	100.00	Schieren, Chas. A.....	100.00
Davis, Gherardi.....	100.00	Schiff, Mortimer L.....	100.00
Dean, Mrs. Bashford....	100.00	Schwarz, Miss Emilie E..	100.00
Gould, Edwin.....	100.00	Shearson, Edward.....	100.00
Guggenheim, Murry.....	100.00	Simpson, Miss Jean Walker	100.00
Guggenheim, Simon.....	100.00	Sulzberger, Arthur Hays.	100.00
Guggenheim, S. R.....	100.00	Tucker, Carl.....	100.00
Harriman, E. Roland....	100.00	Vanderbilt, F. W.....	100.00
Lamont, T. W.....	100.00	Vanderbilt, William H...	100.00
Mallinckrodt, Edward, Jr.	100.00	Vanderbilt, W. K.....	100.00
McMillan, Francis W....	100.00	Weber, Orlando F.....	100.00
Newbold, Arthur E., Jr...	100.00	Wehrhane, Henry H.....	100.00
Nichols, Acosta.....	100.00		<u>\$3,225.00</u>

**FINANCIAL STATEMENT, 1930**  
**PERMANENT ENDOWMENT**

	Par Value	Book Value
Morris K. Jesup Fund.....	\$5,922,200.00	\$5,957,549.47
	£110,000)	
General Endowment Fund.....	1,794,100.00	1,770,136.21
Sixtieth Anniversary Endowment.....	1,210,500.00	1,195,424.27
The Sage Fund.....	1,709,750.00	1,562,240.60
4,032 Shares No Par.....		55,440.00
George F. Baker Fund.....	263,150.00	249,995.35
John D. Rockefeller, Jr., Fund.....	962,950.00	958,732.25
5,202 Shares No Par.....		256,250.00
Collis P. Huntington Fund.....	49,900.00	49,986.05
Wood Fosdick Fund.....	988,300.00	1,002,198.22
Anna M. Harkness Fund.....	1,020,100.00	1,024,001.32
Special Endowment Funds:		
J. P. Morgan Fund.....	489,350.00	479,134.78
Jonathan Thorne Memorial Fund.....	30,800.00	25,754.20
Matilda W. Bruce Fund.....	11,900.00	11,900.00
Margaret Olivia Sage Fund.....	1,000.00	9,995.00
	£2,000)	
Physical Anthropology Fund.....	10,500.00	10,590.00
Anson W. Hard Library Fund.....	5,000.00	5,007.50
Ralph Winfred Tower Memorial Fund...	23,600.00	24,048.12
Osborn Palæontologic Research Fund...	4,900.00	4,566.80
Sixtieth Anniversary Endowment:		
Bashford Dean Ichthyological Library Fund.....	5,000.00	4,998.80
Wallace Memorial Fund.....	13,900.00	14,172.50
Frederick G. Voss Anthropology and Archæology Fund.....	152,400.00	149,917.50
Anthropology Special Fund.....	1,000.00	981.25
Vertebrate Palæontology Special Fund..	1,000.00	981.25
African Hall Preparation Special Fund.... 1,000 Shares No Par		50,000.00
	<u>\$14,671,300.00</u>	\$14,874,001.44
	<u>£112,000</u> )	
Uninvested Cash.....		190,157.99
		<u>\$15,064,159.43</u>



## Contributors to the Permanent Endowment 1884-1930:

Astor, W. W.	\$1,000.00	Lawrence, Mrs. Samuel	500.00
Auchincloss, Hugh	10,223.56	LeClear, Mrs. Bonnie Wallace	14,207.15
Babcock, Samuel D.	5,000.00	Loeb, Solomon	5,000.00
Baker, George F.	500,000.00	Marmon, Mrs. Elizabeth C.	1,000.00
Baker, George F., Jr.	250,000.00	Matthiesson, F. O.	1,000.00
Baugh, Margaret L.	10,000.00	Mayer, Henry	500.00
Bishop, Cortlandt Field	500.00	McLean, Mrs. James	2,000.00
Bishop, David Wolfe	500.00	Mills, Darius Ogden	125,000.00
Bishop, H. R.	1,000.00	Mills, Ogden	100,000.00
Bliss, George	1,000.00	Mitchell, Albert M. P.	4,953.97
Bliss, Mrs. William H.	5,000.00	Moore, Edward C., Jr.	7,000.00
Bondy, Emil C.	10,000.00	Morgan, J. P.	137,187.50
Booth, Mary A.	124.13	Morgan, J. Pierpont	325,000.00
Bowdoin, George S.	5,000.00	Morgan, Junius S., Jr.	15,000.00
Bowdoin, George T.	12,500.00	Naumburg, Aaron	14,423.08
Bradford, Mrs. A. A.	1,000.00	Osborn, Henry Fairfield	6,000.00
Bridgman, Fanny	15,000.00	Pattendorfer, Oswald	30,000.00
Bruce, Miss Matilda W.	10,000.00	Parsons, John E.	1,000.00
Coe, W. R.	5,000.00	Pomeroy, Daniel E.	50,000.00
Combe, Louisa	42,172.33	Pratt, George D.	75,000.00
Constable, Frederick A.	2,000.00	Pratt, Harold I.	5,000.00
Constable, James M.	25,000.00	Pyne, Percy R. (No. 1)	45,000.00
Cook, Frances Julia	20,000.00	Pyne, Percy R.	27,500.00
Cruikshank, James	95.25	Rand, George C.	100.00
Davis, Benjamin P.	22,799.25	Rhineland, Charles E.	24,222.15
Davis, Gherardi	250.00	Rich, M. P.	10,000.00
Davis, Mrs. J. C. Bancroft	50.00	Rockefeller, John D., Jr.	1,025,000.00
Dean, Bashford	5,000.00	Rockefeller, William	10,000.00
Dodge, William E.	5,000.00	Roebing, John A.	1,000.00
Dodge, William E., 2d	10,000.00	Rogers, Mrs. Mary E.	1,000.00
Douglas, James	100,000.00	Rolker, Joseph E.	1,000.00
Durkee, Eugene W.	400,000.00	Russ, Edward S.	1,000.00
Eno, Amos F.	246,033.33	Sage, Mrs. Russell	1,471,477.88
Fatman, Solomon A.	1,000.00	Sands, Wm. R.	10,000.00
Fiske, Mrs. Josiah M.	10,000.00	Sauter, Albert J.	100.00
FitzGerald, Desmond	625.00	Schermerhorn, Wm. C.	5,000.00
Forbes-Leith, A. J.	1,000.00	Scully, C. Allison	50.00
Frick, Wood	995,984.88	Seligman, Henry	1,000.00
Frick, Childs	12,500.00	Sellew, Caroline B.	65,000.00
Gade, Frederika	4,956.72	Sloane, William	50,000.00
Gans, Levi L.	1,000.00	Southwick, Mrs. Joseph	10.00
Goldenberg, Joel	1,900.00	Stuart, Mrs. Robert L.	50,000.00
Goldschmidt, S. A.	1,000.00	Sturges, Frederick, Jr.	1,000.00
Grant, Madison	1,000.00	Swords, Mrs. James R.	500.00
Halsted, Miss L. P.	100.00	Thorne, Miss Phoebe Anna	30,000.00
Hard, Anson W.	5,000.00	Thorne, S. Brinckerhoff	10,000.00
Harkness, Mrs. Stephen V.	1,000,000.00	Tilford, Charles E.	25,070.37
Harkness, Edward S.	100,000.00	Tod, J. Kennedy	10,000.00
Harrington, Mary E.	500.00	Trevor, Mrs. John B.	30,098.90
Havemeyer, Henry O.	25,000.00	Twombly, Miss Ruth V.	1,000.00
Hay, Clarence L.	1,000.00	Vanderbilt, Cornelius	25,000.00
Hill, James N.	9,702.50	Vanderbilt, Wm. H.	50,000.00
Hitchcock, Miss S. M.	5,000.00	Van Praag, Leonidas A.	500.00
Huntington, C. P.	5,000.00	Villard, Henry	5,000.00
Huntington, Mrs. C. P.	50,000.00	Voss, Frederick G.	250,000.00
Iden, Henry	10,000.00	Warburg, Felix M.	19,000.00
Insee, Helen C.	5,000.00	Watson, Emily A.	10,010.52
Iselin, Adrian	10,000.00	Weigle, Charles H.	50.00
Jacobi, A.	300.00	Wells, Oliver J.	500.00
James, Arthur Curtiss	26,750.00	Whitaker, John E.	10,000.00
James, D. Willis	5,000.00	Wilson, R. T.	1,000.00
Jeup, Morris K.	1,225,000.00	Wolf, Emil	1,405.50
Jeup, Mrs. Morris K.	5,000,000.00		
Jones, Emma Chambers	1,000.00		
Juilliard, A. D.	100,000.00	Patronship Fees	\$14,604,486.97
Juilliard, Mrs. A. D.	50,000.00	Fellowship Fees	28,000.00
Karlsen and Karlsen	10.00	Life Membership Fees	81,100.00
Kitching, Frank W.	10,043.00	Subscriptions to Ralph Win-	
Landon, Charles	5,000.00	fred Tower Memorial Fund	24,082.00
Lanier, Charles	4,500.00		<u>\$14,746,668.97</u>

## ENDOWMENT AND INVESTMENT ACCOUNT

Receipts, 1930

### GENERAL ENDOWMENT FUNDS—(Unrestricted Funds):

General Endowment Fund:		
Balance.....	\$54.55	
Bequest of Charles E. Rhinelanders.....	1,552.90	
Sale of Securities.....	<u>141,835.50</u>	\$143,442.95
George F. Baker Fund: Balance.....		4.65
Wood Fosdick Fund:		
Balance.....	\$61.29	
Amortization Payments.....	<u>1,200.00</u>	1,261.29
Anna M. Harkness Fund: Balance.....		61.18
Collis P. Huntington Fund: Balance.....		13.95
John D. Rockefeller, Jr., Fund:		
Balance.....	\$90.19	
Sale of Securities.....	<u>201,930.00</u>	202,020.19
The Sage Fund:		
Balance.....	\$82.66	
Amortization Payments.....	<u>1,400.00</u>	1,482.66
Sixtieth Anniversary Endowment:		
Balance.....	\$251,087.60	
Gifts of Trustees.....	323,500.00	
Gift of Mrs. James McLean..	1,000.00	
Gift of Harold I. Pratt.....	5,000.00	
Gift of Edward C. Moore, Jr..	2,000.00	
Gift of Gherardi Davis.....	250.00	
Bequest of Levi L. Gans.....	1,000.00	
Bequest of Ogden Mills.....	100,000.00	
Bequest of Joseph E. Rolker..	1,000.00	
Bequest of Eugene W. Durkee	400,000.00	
Bequest of Aaron Naumburg.	14,423.08	
Bequest of John E. Whitaker.	<u>10,000.00</u>	1,109,260.68
Total General Endowment.....		\$1,457,547.55

**ENDOWMENT AND INVESTMENT ACCOUNT**

Disbursements, 1930

**GENERAL ENDOWMENT FUNDS—(Unrestricted Funds):**

## General Endowment Fund:

Purchase of Securities..... \$87,702.75

## Wood Fosdick Fund:

Purchase of Securities..... 640.50

## John D. Rockefeller, Jr., Fund:

Purchase of Securities..... 201,960.88

## The Sage Fund:

Purchase of Securities..... 732.00

## Sixtieth Anniversary Endowment:

Purchase of Securities..... 1,089,461.87

Total General Endowment..... \$1,380,498.00

**ENDOWMENT AND INVESTMENT ACCOUNT****Receipts, 1930****SPECIAL ENDOWMENT FUNDS—(Restricted Funds):**

Matilda W. Bruce Fund:		
Balance.....	\$75.70	
Sale of Securities.....	<u>11,872.00</u>	\$11,947.70
Anson W. Hard Library Fund: Balance.....		81.57
Morris K. Jesup Fund:		
Balance.....	\$99.93	
Sale of Securities.....	<u>21,305.00</u>	21,404.93
J. P. Morgan Fund: Balance.....		84.76
Osborn Palæontologic Research Fund: Balance.....		14.85
Physical Anthropology Fund: Balance.....		55.53
Jonathan Thorne Memorial Fund: Balance..		77.00
Ralph Winfred Tower Memorial Fund:		
Balance.....	\$78.00	
Subscription of Hugh M. Smith	<u>50.00</u>	128.00
Sixtieth Anniversary Endowment:		
Anthropology Special Fund:		
Gift of a Trustee.....		1,000.00
Bashford Dean Ichthyological Library		
Fund: Balance.....		92.70
Vertebrate Palæontology Field Fund:		
Gift of a Trustee.....		12,500.00
Vertebrate Palæontology Special Fund:		
Gift of a Trustee.....		1,000.00
Frederick G. Voss Anthropology and		
Archæology Fund:		
Bequest of Frederick G. Voss.....		250,000.00
Wallace Memorial Fund:		
Bequest of Bonnie W. LeClear.....		<u>14,207.15</u>
*Total Special Endowment.....		312,594.19
Interest on Credit Balances.....		<u>3,974.80</u>
		<u><u>\$1,774,116.54</u></u>

\*Stock was received to the amount of \$50,000.00, from a Trustee, to be known as African Hall Preparation Special Fund.

ENDOWMENT AND INVESTMENT ACCOUNT

Disbursements, 1930

SPECIAL ENDOWMENT FUNDS—(Restricted Funds):

Matilda W. Bruce Fund:		
Purchase of Securities.....	\$11,900.00	
Morris K. Jesup Fund:		
Purchase of Securities.....	21,350.25	
Ralph Winfred Tower Memorial Fund:		
Purchase of Securities.....	91.50	
Sixtieth Anniversary Endowment:		
Anthropology Special Fund:		
Purchase of Securities.....	981.25	
Bashford Dean Ichthyological Library Fund:		
Purchase of Securities.....	91.50	
Vertebrate Palaeontology Special Fund:		
Purchase of Securities.....	981.25	
Frederick G. Voss Anthropology and Archaeology Fund:		
Purchase of Securities.....	149,917.50	
Wallace Memorial Fund:		
Purchase of Securities.....	<u>14,172.50</u>	
Total Special Endowment.....		199,485.75
Interest on Credit Balances (to General Account).....		3,974.80
Cash Balance, December 31, 1930.....		190,157.99
		<u>\$1,774,116.54</u>

## CITY MAINTENANCE ACCOUNT\*

## Receipts, 1930.

## Capital Fund:

Cash Balance, January 1, 1930.....	\$15,000.00
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## Department of Parks, City of New York, 1929:

## Expenses for Other Than Personal Service:

4. Motor Vehicle Supplies.....	\$46.95	
12. Repairs and Replacements.....	683.83	\$730.78

## Department of Parks, City of New York, 1930:

Salaries, Regular Employees.....	419,618.41
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## Expenses for Other Than Personal Service:

1. Fuel Supplies.....	\$17,136.00	
2. Office Supplies.....	7,845.00	
3. Laundry, Cleaning and Disinfecting Supplies.....	2,665.50	
4. Motor Vehicle Supplies.....	1,523.00	
5. Educational and Recreational Supplies.....	1,904.00	
6. General Plant Supplies.....	3,618.00	
7. Wearing Apparel.....	1,904.00	
8. Office Equipment.....	762.00	
9. General Plant Equipment..	1,143.00	
10. General Plant Materials....	14,353.00	
11. Special Repairs (Building Materials).....	4,227.00	
12. Repairs and Replacements.....	1,070.00	
13. Telephone Service.....	2,285.00	
14. Fixed Charges and Contributions.....	2,361.00	62,796.50

Total net receipts for the maintenance of all departments..	483,145.69
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	<u>\$498,145.69</u>
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\*The annual Appropriation of the City can be used only for the maintenance of the Museum and is inadequate for this purpose. It cannot be used for the purchase of specimens or for the expenses of exploring and collecting expeditions. The deficiency in maintenance for 1930, amounting to \$390,000, has been met from the Trustees' General Account.

CITY MAINTENANCE ACCOUNT

Disbursements, 1930

Administration and Operation:		
Administration.....	\$219,629.38	
General Supplies and Expenses...	18,094.03	
Heating and Lighting.....	74,506.46	
Repairs and Installation.....	50,328.17	
Special Repairs.....	18,066.26	\$380,624.30
Financial Administration:		
Administration.....		23,407.29
Scientific and Research:		
Geology and Invertebrate Palæ- ontology.....	\$1,779.78	
Mineralogy.....	3,308.11	
Mammalogy.....	4,825.00	
Ornithology.....	4,950.00	
Vertebrate Palæontology.....	4,336.81	
Anthropology.....	5,933.75	
Ichthyology.....	2,500.00	
Herpetology and Experimental Biology.....	2,849.84	
Lower Invertebrates.....	5,264.00	
Entomology.....	3,312.50	
Library.....	7,547.55	46,607.34
Printing, Books and Publications:		
Printing and Publishing.....		7,742.33
Preparation and Exhibition:		
Preparation and Exhibition.....		1,555.94
Educational—Public School Work:		
Public Education.....		23,208.49
Total net disbursements for the maintenance of all departments.....		
		\$483,145.69
Capital Fund:		
Cash Balance, December 31, 1930.....		15,000.00
		<u>\$498,145.69</u>

## GENERAL ACCOUNT

## Receipts, 1930

Cash Balance, January 1, 1930.....		\$6,712.24
Income from General Endowment Fund.....	\$91,841.22	
Income from George F. Baker Fund.....	13,157.50	
Income from Wood Fosdick Fund.....	54,408.48	
Income from Anna M. Harkness Fund.....	49,709.50	
Income from Collis P. Huntington Fund.....	2,495.00	
Income from Charles M. Jesup Trust Fund.....	4,777.07	
Income from John D. Rockefeller, Jr., Fund.....	60,581.39	
Income from The Sage Fund.....	88,359.40	
Income from Sixtieth Anniversary Endowment.....	30,345.75	
Interest on Credit Balances.....	5,427.29	
Patrons, Fellows and Life Members.....	8,500.00	
Sustaining Members.....	7,625.00	
Annual Members.....	48,450.00	
Associate Members.....	13,101.00	
Sale of Publications.....	7,701.00	
Subscriptions to Natural History.....	3,131.00	
Sales and Exchanges.....	2,764.08	
Contributions of Trustees for General Purposes:		
Frederick F. Brewster.....	\$2,500.00	
Cleveland Earl Dodge.....	2,500.00	
Archer M. Huntington.....	3,000.00	
Oliver G. Jennings.....	2,500.00	
Roswell Miller.....	500.00	
J. P. Morgan.....	57,000.00	
Henry W. Sage.....	1,000.00	
William K. Vanderbilt.....	3,000.00	
Felix M. Warburg.....	10,000.00	82,000.00
*Contributions for General Purposes:.....		886.00
Contributions for Special Purposes:		
Carnegie Corporation of New York.....	\$5,000.00	
Cleveland H. Dodge Foundation.....	5,000.00	10,000.00
Subscriptions for Emergency Exhibition and Education (transferred from Special Funds).....		4,425.00
Subscriptions for Group Preparation (transferred from Special Funds).....		50.00
<b>Total net receipts for the development of all departments</b>		<b>589,735.68</b>
<b>Sixtieth Anniversary Endowment:</b>		
Loan Account (transferred from General Account).....		66,133.14
<b>Bank Loan:</b>		
Proceeds of Notes held by the United States Trust Company of New York.....		250,000.00
		<u>\$912,581.06</u>



GENERAL ACCOUNT

Disbursements, 1930

Administration and Operation:		
Administration.....	\$56,213.83	
General Supplies and Expenses.....	45,587.49	
Heating and Lighting.....	54,035.09	
Repairs and Installation.....	46,340.22	
Special Repairs.....	13,236.96	
Architects' Services.....	2,953.32	
Engineers' Services.....	6,250.00	
Legal Services.....	4,075.77	
Museum Restaurant Equipment...	132.00	
Pension Fund.....	30,626.44	
Group Life Insurance.....	8,702.44	
Interest on Bank Loan.....	142.23	\$268,295.79
Financial Administration:		
Administration.....	\$47,874.31	
General Supplies and Expenses.....	12,936.24	60,810.55
Scientific and Research:		
Geology and Invertebrate Palaeontology.....	\$3,590.39	
Mineralogy.....	1,334.68	
Mammalogy.....	7,285.68	
Ornithology.....	5,278.69	
Central Asiatic Exploration and Research.....	1,836.25	
Vertebrate Palaeontology.....	8,062.92	
Comparative Anatomy.....	5,540.82	
Anthropology.....	10,152.10	
Ichthyology.....	2,763.05	
Herpetology and Experimental Biology.....	6,727.01	
Lower Invertebrates.....	4,281.44	
Entomology.....	8,004.19	
Library.....	10,139.28	
Astronomy.....	3,283.14	78,279.64
Printing, Books and Publications:		
Printing and Publishing.....		70,200.43
Preparation and Exhibition:		
Preparation and Exhibition.....		44,746.52
Educational—Public School Work:		
Public Education.....		64,239.24
Total net disbursements for the development of all departments		
		\$586,572.17
Loans to Sixtieth Anniversary Endowment.....		66,133.14
Sixtieth Anniversary Endowment:		
(Service Fees, Budget Operation and Museum Expense).....		66,133.14
Cash Balance, December 31, 1930.....		*193,742.61
		\$912,581.06
*Cash Balance, December 31, 1930.....		
	\$193,742.61	
Loans Receivable.....	66,133.14	\$259,875.75
Bank Loan to meet overdrafts.....	\$250,000.00	
Cash (Available for Obligations of 1930).....	9,875.75	259,875.75

## MORRIS K. JESUP FUND ACCOUNT\*

## Receipts, 1930

Trustees' Restricted Funds:	
Cash Balance, January 1, 1930.....	\$6,646.94
Income from Morris K. Jesup Fund.....	\$281,745.11
Sale of Publications.....	2,941.99
Sales and Exchanges.....	209.66
<b>Total net receipts for the development of all departments</b>	<b><u>284,896.76</u></b>
	<b><u>\$291,543.70</u></b>

## Disbursements, 1930

Scientific and Research:	
Geology and Invertebrate Palæ- ontology.....	\$7,503.37
Mineralogy.....	3,568.89
Mammalogy.....	14,960.82
Central Asiatic Exploration and Research.....	16,720.50
Ornithology.....	20,779.27
Vertebrate Palæontology.....	12,912.60
President Osborn's Science Fund..	6,354.29
Comparative Anatomy.....	10,715.80
Anthropology.....	22,859.17
Ichthyology.....	12,821.54
Herpetology and Experimental Biology.....	19,863.92
Lower Invertebrates.....	5,833.91
Entomology.....	9,763.95
Library.....	11,916.84
	<u>\$176,574.87</u>
Printing, Books and Publications:	
Printing and Publishing.....	26,172.32
Preparation and Exhibition:	
Preparation and Exhibition.....	\$60,476.61
Vertebrate Palæontology.....	27,035.83
	<u>87,512.44</u>
<b>Total net disbursements for the development of all depart- ments</b>	<b><u>\$290,259.63</u></b>
Cash Balance, December 31, 1930.....	<u>†1,284.07</u>
	<b><u>\$291,543.70</u></b>

\*Disbursements of this account are made as the Board of Trustees may direct, for the purchase of specimens, for the expenses of field parties, and for the support of scientific work.

†Available for obligations of 1930

**SPECIAL FUNDS ACCOUNT**

Receipts and Disbursements, 1930

**Geology and Invertebrate**

**Palæontology**

	Receipts	Disbursements	Balance Dec. 31, 1930
Meteorite Fund:			
J. P. Morgan.....	\$1,500.00		
	<b>\$1,500.00</b>	<b>\$1,500.00</b>	
J. P. Morgan Fund—Geology:			
Transferred from Reserve...	700.00		
	<b>\$700.00</b>	<b>\$700.00</b>	
World Map Fund:			
A. Hamilton Rice.....	365.30		
	<b>\$365.30</b>	<b>\$365.30</b>	

**Mineralogy**

Matilda W. Bruce Fund:			
Balance.....	715.73		
Interest.....	506.17		
	<b>\$1,221.90</b>	<b>\$966.05</b>	<b>\$255.85</b>
J. P. Morgan Fund—Mineralogy:			
Transferred from Reserve...	3,000.00		
	<b>\$3,000.00</b>	<b>\$3,000.00</b>	
Wallace Memorial Fund:			
Interest.....	459.20		
	<b>\$459.20</b>	<b>\$398.45</b>	<b>\$60.75</b>
Whitlock-LeClear Fund:			
Herbert P. Whitlock.....	2,005.00		
	<b>\$2,005.00</b>	<b>\$2,005.00</b>	

**Mammalogy**

Abyssinian Expedition Fund:			
Balance.....	14.33		
Morris Legendre.....	82.22		
	<b>\$96.55</b>	<b>\$96.55</b>	
George S. Bowdoin Whale Model Fund:			
Balance.....	750.00		
	<b>\$750.00</b>		<b>\$750.00</b>
Morden-Graves North Asiatic Expedition:			
Balance.....	2,476.43		
Anonymous.....	8,491.89		
William J. Morden.....	14,173.48		
	<b>\$25,141.80</b>	<b>\$25,141.80</b>	
Carried Forward.....	<b>\$35,239.75</b>	<b>\$34,173.15</b>	<b>\$1,066.60</b>

## SPECIAL FUNDS ACCOUNT (Continued)

	Receipts	Disbursements	Balance Dec. 31, 1930
Brought Forward.....	\$35,239.75	\$34,173.15	\$1,066.60
Ottley-Anthony South American Expedition Fund:			
Balance.....	4,135.62		
	<b>\$4,135.62</b>	<b>\$4,135.62</b>	
Siberian Arctic Expedition Fund:			
Charles H. Stoll.....	365.39		
	<b>\$365.39</b>	<b>\$365.39</b>	
<b>Asiatic Exploration and Research</b>			
Central Asiatic Expeditions Fund:			
Balances.....	57,384.13		
*Subscriptions.....	14,849.00		
Sale of Publications.....	705.82		
	<b>\$72,938.95</b>	<b>\$34,980.28</b>	<b>\$37,958.67</b>
<b>Ornithology</b>			
Amazon Field Fund:			
Balance.....	1,165.54		
Mrs. Walter W. Naumburg..	3,204.15		
	<b>\$4,369.69</b>	<b>\$4,285.27</b>	<b>\$84.42</b>
Archbold Madagascar Expedition Fund:			
Balance.....	3,725.37		
John F. Archbold, Estate of.	5,000.00		
	<b>\$8,725.37</b>	<b>\$8,549.31</b>	<b>\$176.06</b>
Congo Bird Fund:			
Mrs. Dwight Arven Jones...	2,000.00		
	<b>\$2,000.00</b>	<b>\$1,686.96</b>	<b>\$313.04</b>
Congo Ornithological Field Fund:			
Franklin Edson, 3d.....	3,000.00		
	<b>\$3,000.00</b>	<b>\$2,261.26</b>	<b>\$738.74</b>
Courtenay Brandreth Fund:			
Courtenay Brandreth.....	333.33		
	<b>\$333.33</b>	<b>\$333.33</b>	
Gulf of Guinea Expedition Fund:			
Balance.....	18.79		
	<b>\$18.79</b>	<b>\$18.44</b>	<b>\$ .35</b>
Hudson Bay Bird Fund:			
Balance.....	103.73		
	<b>\$103.73</b>	<b>\$103.73</b>	
Carried Forward.....	<b>\$131,230.62</b>	<b>\$90,892.74</b>	<b>\$40,337.88</b>

\*See listing on pages 62 and 63 of this Report.

## SPECIAL FUNDS ACCOUNT (Continued)

	Receipts	Disbursements	Balance Dec. 31, 1930
Brought Forward.....	\$131,230.62	\$90,892.74	\$40,337.88
Indo-China Bird Fund:			
Anonymous.....	3,000.00		
	<b>\$3,000.00</b>	<b>\$3,000.00</b>	
Melanesia Field Fund:			
Anonymous.....	5,000.00		
	<b>\$5,000.00</b>	<b>\$5,000.00</b>	
New Guinea and Adjacent Islands Fund:			
Balance.....	117.36		
Thomas Cochran.....	2,500.00		
Anthony Addison Bliss.....	2,500.00		
	<b>\$5,117.36</b>	<b>\$5,117.36</b>	
Ornithological Fund:			
S. W. Childs.....	663.40		
L. C. Sanford.....	5,036.17		
Frederic C. Walcott.....	663.33		
	<b>\$6,362.90</b>	<b>\$6,199.00</b>	<b>\$163.90</b>
Ruwenzori-Kivu Expedition Fund:			
Balance.....	11.53		
	<b>\$11.53</b>		<b>\$11.53</b>
Margaret Olivia Sage Fund:			
Interest.....	427.88		
	<b>\$427.88</b>	<b>\$427.88</b>	
Special Bird Fund:			
J. Sanford Barnes.....	300.00		
Clarence B. Riker.....	100.00		
Henry W. Sage.....	300.00		
George Shiras, 3d.....	300.00		
Frederic C. Walcott.....	500.00		
	<b>\$1,500.00</b>	<b>\$1,500.00</b>	
Mrs. Oscar Straus African Expedition Fund:			
Mrs. Oscar Straus.....	106.23		
	<b>\$106.23</b>	<b>\$106.23</b>	
Whitney South Sea Expedition Fund:			
Balance.....	.77		
H. P. Whitney.....	20,000.00		
Transferred from Museum Building Fund Account...	28,163.55		
	<b>\$48,164.32</b>	<b>\$37,326.91</b>	<b>\$10,837.41</b>
Carried Forward.....	\$200,920.84	\$149,570.12	\$51,350.72

## SPECIAL FUNDS ACCOUNT (Continued)

	Receipts	Disbursements	Balance Dec. 31, 1930
Brought Forward.....	\$200,920.84	\$149,570.12	\$51,350.72
<b>Vertebrate Palæontology</b>			
Frick-Gregory-Fulda Mural Fund:			
Balance.....	154.90		
Childs Frick.....	300.00		
	<b>\$454.90</b>	<b>\$449.20</b>	<b>\$5.70</b>
J. P. Morgan Fund—Vertebrate Palæontology:			
Transferred from Reserve...	21,241.60		
	<b>\$21,241.60</b>	<b>\$21,241.60</b>	
Osborn Palæontologic Research Fund:			
Balance.....	140.38		
Interest.....	245.00		
	<b>\$385.38</b>		<b>\$385.38</b>
American Pliocene Fund—Ver- tebrate Palæontology:			
Balance.....	8,688.90		
Anonymous.....	10,500.00		
Mrs. Childs Frick.....	5,000.00		
	<b>\$24,188.90</b>	<b>\$13,797.32</b>	<b>\$10,391.58</b>
Scarritt Patagonian Expedition Fund:			
Childs Frick.....	1,000.00		
Walter W. Holmes.....	1,000.00		
Horace S. Scarritt.....	15,000.00		
	<b>\$17,000.00</b>	<b>\$13,326.88</b>	<b>\$3,673.12</b>
Vertebrate Palæontology Fund:			
Balance.....	793.44		
	<b>\$793.44</b>	<b>\$793.44</b>	
Vertebrate Palæontology Special Fund:			
Interest.....	10.75		
	<b>\$10.75</b>		<b>\$10.75</b>
Western Field Fund:			
Balance.....	4,625.48		
Mrs. Adelaide H. C. Frick..	5,000.00		
	<b>\$9,625.48</b>	<b>\$4,487.18</b>	<b>\$5,138.30</b>
<b>Comparative Anatomy</b>			
Comparative Anatomy Fund:			
Balance.....	140.50		
	<b>\$140.50</b>	<b>\$140.50</b>	
Carried Forward.....	<u>\$274,761.79</u>	<u>\$203,806.24</u>	<u>\$70,955.55</u>

## SPECIAL FUNDS ACCOUNT (Continued)

	Receipts	Disbursements	Balance Dec. 31, 1930
Brought Forward.....	\$274,761.79	\$203,806.24	\$70,955.55
Equine Research Fund:			
William Woodward.....	114.10		
	<b>\$114.10</b>	<b>\$114.10</b>	
Anthropology			
Anthropology Special Fund:			
Interest.....	10.75		
	<b>\$10.75</b>		<b>\$10.75</b>
Charles L. Bernheimer Pictograph Research Fund:			
Balance.....	713.84		
*Subscriptions.....	2,105.00		
	<b>\$2,818.84</b>	<b>\$1,770.03</b>	<b>\$1,048.81</b>
Canon del Muerto Fund:			
Balance.....	187.17		
	<b>\$187.17</b>	<b>\$187.17</b>	
Carnegie Conference Fund: Carnegie Corporation of New York.....	900.00		
	<b>\$900.00</b>	<b>\$548.25</b>	<b>\$351.75</b>
Mrs. Dorothy Whitney Elmhirst Fund:			
Balance.....	750.00		
	<b>\$750.00</b>	<b>\$750.00</b>	
Folsom Project Fund:			
Balance.....	140.11		
	<b>\$140.11</b>	<b>\$140.11</b>	
Angelo Heilprin Exploring Fund— Anthropology:			
Transferred from Reserve...	500.00		
	<b>\$500.00</b>	<b>\$500.00</b>	
Maya Hall Model Fund:			
Clarence L. Hay.....	75.00		
	<b>\$75.00</b>	<b>\$75.00</b>	
Middle American Research Fund:			
Balance.....	196.00		
Clarence L. Hay.....	95.00		
	<b>\$291.00</b>	<b>\$291.00</b>	
Physical Anthropology Fund:			
Balance.....	822.60		
Interest.....	526.15		
	<b>\$1,348.75</b>	<b>\$47.40</b>	<b>\$1,301.35</b>
Carried Forward.....	<b>\$281,897.51</b>	<b>\$208,229.30</b>	<b>\$73,668.21</b>

\*See Listing on page 63 of this Report.

## SPECIAL FUNDS ACCOUNT (Continued)

	Receipts	Disbursements	Balance Dec. 31, 1930
Brought Forward . . . . .	\$281,897.51	\$208,229.30	\$73,668.21
Physical Anthropology of Poly- nesia Fund:			
Bernice P. Bishop Museum.	714.78		
	<b>\$714.78</b>	<b>\$714.78</b>	
Special Physical Anthropology Fund:			
Balance . . . . .	500.00		
	<b>\$500.00</b>		<b>\$500.00</b>
University of Hawaii Fund:			
University of Hawaii . . . . .	602.90		
	<b>\$602.90</b>	<b>\$602.90</b>	
Frederick G. Voss Anthropology and Archæology Fund:			
Interest . . . . .	2,638.30		
	<b>\$2,638.30</b>	<b>\$2,366.60</b>	<b>\$271.70</b>
<b>Ichthyology</b>			
Bashford Dean Ichthyological Library Fund:			
Interest . . . . .	205.47		
	<b>\$205.47</b>	<b>\$205.47</b>	
Cleveland H. Dodge Ichthyology Fund:			
Balance . . . . .	73.17		
	<b>\$73.17</b>	<b>\$73.17</b>	
<b>Herpetology and Experimental Biology</b>			
Angelo Heilprin Exploring Fund —Herpetology:			
Balance . . . . .	434.43		
	<b>\$434.43</b>	<b>\$434.43</b>	
Special Biological Research Fund No. 1:			
Balance . . . . .	1,346.68		
Childs Frick . . . . .	541.66		
Mrs. Henry White . . . . .	1,000.00		
	<b>\$2,888.34</b>	<b>\$2,197.56</b>	<b>\$690.78</b>
Special Biological Research Fund No. 2:			
Balance . . . . .	5,073.17		
George T. Bowdoin . . . . .	1,000.00		
Cleveland Earl Dodge . . . . .	1,000.00		
Carried Forward . . . . .	<b>\$289,954.90</b>	<b>\$214,824.21</b>	<b>\$75,130.69</b>



## SPECIAL FUNDS ACCOUNT (Continued)

	Receipts	Disbursements	Balance Dec. 31, 1930
Brought Forward.....	\$289,954.90	\$214,824.21	\$75,130.69
Clarence L. Hay.....	1,000.00		
Estate of Percy R. Pyne....	1,000.00		
A. Hamilton Rice.....	1,000.00		
Felix M. Warburg.....	500.00		
	<b>\$10,573.17</b>	<b>\$7,345.37</b>	<b>\$3,227.80</b>
<b>Lower Invertebrates</b>			
Bahama Expedition Fund:			
Junius S. Morgan, Jr.....	600.00		
	<b>\$600.00</b>	<b>\$600.00</b>	
<b>Entomology</b>			
Entomological Fund:			
Balance.....	1,301.07		
B. Preston Clark.....	100.00		
Sales.....	50.00		
	<b>\$1,451.07</b>	<b>\$15.07</b>	<b>\$1,436.00</b>
<b>Library</b>			
Anson W. Hard Library Fund:			
Balance.....	500.00		
Interest.....	250.00		
	<b>\$750.00</b>	<b>\$750.00</b>	
Ralph Winfred Tower Memorial Fund:			
Interest.....	1,181.77		
	<b>\$1,181.77</b>	<b>\$1,181.77</b>	
<b>Printing and Publishing</b>			
Anthropological Handbook Fund:			
Balance.....	1,644.58		
Sales.....	598.11		
	<b>\$2,242.69</b>		<b>\$2,242.69</b>
Brewster-Sanford Publication Fund:			
Balance.....	269.69		
	<b>\$269.69</b>	<b>\$182.00</b>	<b>\$87.69</b>
Cope Publication Fund:			
Julia Cope Collins.....	2,100.00		
	<b>\$2,100.00</b>	<b>\$1,600.00</b>	<b>\$500.00</b>
Dryopithecus Publication Fund:			
Balance.....	107.15		
	<b>\$107.15</b>	<b>\$107.15</b>	
<b>Public Education</b>			
Astronomic Fund:			
Balance.....	697.64		
	<b>\$697.64</b>	<b>\$372.50</b>	<b>\$325.14</b>
Carried Forward.....	<b>\$309,928.08</b>	<b>\$226,978.07</b>	<b>\$82,950.01</b>

## SPECIAL FUNDS ACCOUNT (Continued)

	Receipts	Disbursements	Balance Dec. 31, 1930
Brought Forward.....	\$309,928.08	\$226,978.07	\$82,950.01
<b>Bear Mountain Trailside Museum Fund:</b>			
Balance.....	40.00		
	<b>\$40.00</b>	<b>\$40.00</b>	
<b>Carnegie Corporation of New York Fund:</b>			
Carnegie Corporation of New York.....	10,000.00		
	<b>\$10,000.00</b>	<b>\$7,779.59</b>	<b>\$2,220.41</b>
<b>School Fund:</b>			
Henry J. Bernheim.....	100.00		
Sea Pines School of Person- ality.....	25.00		
Mrs. Julia Winchell.....	250.00		
Tuition Fees.....	102.00		
Guiding Fees.....	11.00		
	<b>\$488.00</b>	<b>\$488.00</b>	
<b>Special Education Fund:</b>			
Balance.....	539.00		
Felix M. Warburg.....	10,000.00		
	<b>\$10,539.00</b>	<b>\$10,434.29</b>	<b>\$104.71</b>
<b>Jonathan Thorne Memorial Fund:</b>			
Balance.....	731.54		
Interest.....	1,232.00		
	<b>\$1,963.54</b>	<b>\$1,232.40</b>	<b>\$731.14</b>
<b>Preparation and Exhibition</b>			
<b>African Hall Group Fund:</b>			
Balance.....	82,742.49		
	<b>\$82,742.49</b>	<b>\$30,853.17</b>	<b>\$51,889.32</b>
<b>African Hall Preparation Special Fund:</b>			
Interest.....	1,250.00		
	<b>\$1,250.00</b>		<b>\$1,250.00</b>
<b>Birds of the Pampas Group Fund:</b>			
Balance.....	3,000.00		
	<b>\$3,000.00</b>	<b>\$3,000.00</b>	
<b>Carlisle-Clark African Expedition Preparation Fund:</b>			
Balance.....	15,971.17		
	<b>\$15,971.17</b>		<b>\$15,971.17</b>
<b>Jesup Collection of Woods Fund:</b>			
G. Frederick Schwarz.....	1,000.00		
	<b>\$1,000.00</b>	<b>\$1,000.00</b>	
Carried Forward.....	<b>\$436,922.28</b>	<b>\$281,805.52</b>	<b>\$155,116.76</b>

**SPECIAL FUNDS ACCOUNT (Continued)**

	Receipts	Disbursements	Balance Dec. 31, 1930
Brought Forward.....	\$436,922.28	\$281,805.52	\$155,116.76
Nubian Sculpture Fund:			
Lincoln Ellsworth.....	4,000.00		
	<b>\$4,000.00</b>	<b>\$4,000.00</b>	
Ocean Life Mural Fund:			
Balance.....	711.54		
	<b>\$711.54</b>	<b>\$711.54</b>	
O'Donnell-Clark African Expedition Fund:			
C. Oliver O'Donnell.....	50,000.00		
	<b>\$50,000.00</b>	<b>\$81.36</b>	<b>\$49,918.64</b>
Vernay Special Asiatic Fund:			
Balance.....	2,608.50		
Arthur S. Vernay.....	1,957.31		
	<b>\$4,565.81</b>	<b>\$4,565.81</b>	
Walrus Group Fund:			
Balance.....	2,805.09		
	<b>\$2,805.09</b>	<b>\$1,293.86</b>	<b>\$1,511.23</b>
Total net receipts for the develop- ment of specific departments.	<b>\$499,004.72</b>		
Total net disbursements for the development of specific depart- ments.....		<b>\$292,458.09</b>	
Balances, December 31, 1930..			<b>\$206,546.63</b>
J. P. Morgan Fund Reserve:			
Balance.....	4,117.57		
Interest.....	24,579.50		
Refund.....	500.00		
	<b>\$29,197.07</b>	<b>\$24,941.60</b>	<b>\$4,255.47</b>
Emergency Exhibition and Educa- tion Fund Reserve No. 1:			
Balance 1930.....	1,200.00		
*Subscriptions.....	3,225.00		
	<b>\$4,425.00</b>	<b>\$4,425.00</b>	
Group Preparation Fund Reserve:			
General Preparation 1930			
Mrs. H. L. Satterlee.....	50.00		
	<b>\$50.00</b>	<b>\$50.00</b>	
Angelo Heilprin Exploring Fund Reserve:			
Paul J. Sachs.....	500.00		
	<b>\$500.00</b>	<b>\$500.00</b>	
Totals.....	<u>\$533,176.79</u>	<u>\$322,374.69</u>	<u>\$210,802.10</u>

\*See listing on page 63 of this Report.

**THE AMERICAN MUSEUM OF NATURAL HISTORY  
CORPORATE STOCK ACCOUNT**

1930

**Receipts:**

Department of Parks, City of New York:	
N. D. P. 3-6.....	\$5,769.74
N. D. P. 3-8.....	32,156.88
N. D. P. 3-10.....	110.00
	\$38,036.62
Interest on Credit Balances.....	8.94
	\$38,045.56

**Disbursements:**

Payroll of Mechanics, etc.....	\$38,036.62
Interest on Credit Balances (to General Account).....	8.94
	\$38,045.56

**TRUSTEES' BUILDING FUND ACCOUNT**

1930

**Receipts:**

H. P. Whitney Gift of South Oceanic Wing:	
Cash Balance, January 1, 1930.....	\$594.71
Interest on Credit Balances.....	27,568.84
	\$28,163.55

**Disbursements:**

H. P. Whitney Gift of South Oceanic Wing:	
Transferred to Whitney South Sea Expedition Fund, Special Funds Account.....	\$28,163.55
	\$28,163.55

INCIDENTAL ACCOUNT

1930

Receipts:

Cash Balance, January 1, 1930.....		\$10,093.40
Received from Individuals and Societies.....		22,298.92
Group Life Insurance:		
Employees' Premium Payments.....	\$8,426.89	
Loans.....	<u>4,472.04</u>	12,898.93
Mayor's Official Committee:		
Employees' Contributions to Unemployment Fund.....		1,642.51
Interest on Credit Balances.....		<u>210.91</u>
		<u>\$47,144.67</u>

Disbursements:

Disbursements for Individuals and Societies.....		\$25,932.56
Group Life Insurance:		
Premiums.....	\$8,700.88	
Loan Instalments.....	<u>4,198.05</u>	12,898.93
Mayor's Official Committee:		
Payments to Unemployment Fund.....		1,620.79
Interest on Credit Balances (to General Account).....		210.91
Cash Balance, December 31, 1930.....		<u>6,481.48</u>
		<u>\$47,144.67</u>

All the foregoing accounts have been

Examined and	{ GEORGE T. BOWDOIN FREDERICK TRUBEE DAVISON OLIVER G. JENNINGS }	} Auditing Committee.
Approved		

E. and O. E.

NEW YORK, December 31, 1930.

JAMES H. PERKINS, Treasurer.

THE AUDIT COMPANY OF NEW YORK,  
26 Broadway  
New York.

DOUGLAS BURDEN, Esq.,  
Chairman Auditing Committee,  
American Museum of Natural History,  
Seventy-seventh Street and Central Park West,  
New York City.

DEAR SIR:

Agreeably to your request, we have made an examination of the books and accounts of the Several Funds of the American Museum of Natural History for the year ending December 31, 1930.

\* \* \* \* \*

We certify that the Statements of the Cash Receipts and Disbursements of the Several Funds, attached hereto, are in accord with the books and, in our opinion, correctly set forth the results of the operations of the Funds of the American Museum of Natural History, as submitted, for the year ending December 31, 1930.

Very truly yours,

THE AUDIT COMPANY OF NEW YORK,  
(Signed) ERNEST W. BELL, *President*.

NEW YORK,  
February 6, 1931.

**TREASURER'S REPORT**  
**OF THE**  
**PENSION FUND**  
**OF**  
**THE AMERICAN MUSEUM OF NATURAL HISTORY**  
**FOR THE YEAR 1930**

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**INVESTED FUNDS**

Summary

	Par Value	Book Value
Investment Fund .....	\$603,241.63	\$578,368.86
Endowment Fund .....	1,258.37	1,140.39
	<u>\$604,500.00</u>	<u>\$579,509.25</u>

## PENSION FUND ACCOUNT

## Receipts, 1930

Cash Balance, January 1, 1930.....			\$14,447.36
Contributions of Subscribing Employees:			
Deductions of 3% from Payrolls of			
City Maintenance Account.....	\$6,208.17		
General Account.....	14,864.26		
Morris K. Jesup Fund Account...	6,782.40		
Special Funds Account.....	1,013.96		
Corporate Stock Account.....	699.11		
Museum Restaurant Account....	359.92		
	<u>\$29,927.82</u>		
Personal Payments of Subscribing			
Employees.....	2,218.10		
Interest on Deferred Contributions....	229.64	\$32,375.56	
Contributions of Board of Trustees:			
To equal contributions of Subscribing			
Employees.....		32,375.56	
Return of Contributions (Previously			
Refunded).....		482.84	
Interest on Contributions (Refund)...		40.44	
Interest on Repayment of Contributions			
and Interest.....		169.64	
Income from Investment Fund.....	\$25,719.74		
Income from Endowment Fund.....	50.34		
		<u>\$25,770.08</u>	
Interest on Credit Balances.....		229.56	91,443.68
Sale of Securities:			
Investment Fund.....			1,000.00
Bursar's Account.....			1,000.00
			<u>\$107,891.04</u>

Examined and Approved { A. PERRY OSBORN }  
 { F. TRUBEE DAVISON } *Auditing Committee.*



PENSION FUND ACCOUNT

Disbursements, 1930

Return of Contributions.....	\$3,232.81		
Interest on Contributions Returned.....	160.69	\$3,393.50	
Service Pensions "A".....	\$7,120.16		
Service Pensions "B".....	1,692.00		
Service Pensions "C".....	1,225.00		
Pensions in Event of Illness, Dismissals, Etc.....	464.00	10,501.16	
Death Gratuities Paid under Section 13..	\$867.09		
Death Gratuities Paid under Section 18..	4,557.03	5,424.12	
Expenses.....		70.00	\$19,388.78
Purchase of Securities:			
Investment Fund.....			59,725.00
Loan Account.....			1,000.00
Cash Balance, December 31, 1930:			
Deposited with the United States Trust Company of New York.....	\$26,777.26		
Deposited with the National City Bank of New York (Bursar's Account).....	1,000.00		
			27,777.26
			<u>\$107,891.04</u>

E. & O. E.

New York, December 31, 1930.

## PENSION FUND—SPECIAL FUNDS ACCOUNT

## Receipts, 1930

## Welfare Fund:

Cash Balance, January 1, 1930.....	\$1,496.51
Contributions.....	50.00
Interest on Credit Balances.....	28.14
	<u>\$1,574.65</u>

Examined and Approved  $\left\{ \begin{array}{l} \text{A. PERRY OSBORN} \\ \text{F. TRUBEE DAVISON} \end{array} \right\}$  *Auditing Committee*

## PENSION FUND—SPECIAL FUNDS ACCOUNT

## Disbursements, 1930

## Welfare Fund:

Assistance and Relief.....	\$25.00
Refund of Contribution.....	200.00
Cash Balance, December 31, 1930:	
Deposited with United States Trust Company of New York.	1,349.65
	<u>\$1,574.65</u>

E. &amp; O. E.

NEW YORK, December 31, 1930

JAMES H. PERKINS, *Treasurer.*

THE AUDIT COMPANY OF NEW YORK  
26 Broadway  
New York.

A. PERRY OSBORN, Esq.,  
Chairman Auditing Committee,  
Pension Board of the American Museum of Natural History,  
Seventy-seventh Street and Central Park West,  
New York City.

DEAR SIR:

Agreeably to your request, we have made the usual examination of the Cash Receipts and Disbursements of the Pension Fund of the American Museum of Natural History for the year ending December 31, 1930.

\* \* \* \* \*

We certify that the Statement of Cash Receipts and Disbursements, attached hereto, is in accord with the books and, in our opinion, correctly sets forth the results of the operations of the Funds of the Pension Fund of the American Museum of Natural History, as submitted for the year ending December 31, 1930.

Very truly yours,  
THE AUDIT COMPANY OF NEW YORK,  
(Signed) ERNEST W. BELL, *President*.

NEW YORK,  
February 6, 1931.



## IV. MEMBERSHIP

CLARENCE L. HAY, Secretary

WAYNE M. FAUNCE, Assistant Secretary

Despite the unfavorable economic situation which prevailed in 1930, resulting in almost universal recession of membership enrollments, the American Museum showed a slight increase in the number of members. The net gain was 273, which is very gratifying in these times. On December 31 there were enrolled 12,095 members of the Museum residing in every state of the Union and in sixty-six foreign countries.

Our members continue to be exceedingly helpful in carrying on our great educational program, not only in their substantial contributions of membership fees, but also in disseminating truthful natural history information which is made available by our scientific staff through its explorations and researches. The Museum is deeply appreciative of the support of its members, and this opportunity is taken to express our thanks for their very practical assistance.

The second Annual Members' Visiting Day was held on April 17. On this occasion about 450 members and guests inspected the preparation studios and research laboratories, visited under the guidance of staff members the most recently installed exhibits and later partook of afternoon tea in Education Hall, where President Osborn made a brief address.

By classes our membership is made up as follows:

Founders.....	0	Fellows.....	94
Endowment Members.....	8	Honorary Life Members.....	64
Benefactors.....	14	Life Members.....	1184
Associate Founders.....	17	Corresponding Members.....	23
Associate Benefactors.....	38	Sustaining Members.....	315
Patrons.....	202	Annual Members.....	5178
Honorary Fellows.....	19	Associate Members (Non-resident).....	4939

Total Membership, December 31, 1930..... 12,095

## CHANGES IN THE BOARD OF TRUSTEES

It is with profound regret that the Secretary records the inexpressibly sad blow to the Museum through the sudden death on June 3, 1930, of Mr. S. Brinckerhoff Thorne, who was elected the Secretary of The American Museum of Natural History on January 6, 1930, to succeed the late Mr. Percy R. Pyne. Although Mr. Thorne had been a member of the Board for only a little more than two years, he had shown a very earnest interest in the Museum's activities and particularly in the work of the Department of Birds, and had become a valuable member of the Board and of the Executive Committee. The Trustees endeavored to record their deep appreciation of Mr. Thorne's services to the Museum and of the charm of his personality by unanimously adopting the following resolution at a meeting held June 18, 1930:

*Resolved*, That the Trustees desire to express their high esteem and affection for their late colleague, Mr. S. Brinckerhoff Thorne, whose sudden death occurred on June 3, 1930. Mr. Thorne was elected a member of the Board of Trustees on January 9, 1928, and at the Annual Meeting on January 6, 1930, was elected to the Secretaryship of The American Museum of Natural History to succeed the late Mr. Percy R. Pyne. His death is an inexpressibly sad blow to the institution. For his deep interest in the welfare and progress of the Museum united with his many endearing personal qualities he was admired and esteemed by all his fellow Trustees as well as by an ever-widening circle of friends in this community. Since he came on the Board some years ago his especial interests have been in the Department of Birds in support of his college mate and friend, Doctor Leonard C. Sanford of New Haven. He contributed most generously to several of the bird collecting expeditions in the far east and was rapidly becoming one of the most influential and useful members of our Board.

It seems hard that from a none too large circle of public-spirited citizens such a man as this should be taken, in the very prime of life and in the high tide of usefulness and unselfish devotion to the public welfare. Mr. Thorne's wise counsel and his sincere enthusiasm for the Museum and its work will be greatly missed by his colleagues.

Toward the close of the year, Mr. Oliver G. Jennings and Mr. Roswell Miller found it necessary to tender their resignations from the Board, because other demands upon their time made it impossible for them to apply themselves to the interests of the Museum as they desired to do. These resignations were accepted

by the Trustees with great regret, and with deep appreciation of their contributions to the development of the Museum. Mr. Roswell Miller was appointed Engineering Consultant on the Buildings and Plans Committee.

At the Annual Meeting held January 5, 1931, the following officers were reelected: President, Henry Fairfield Osborn; First Vice-President, George F. Baker; Second Vice-President, J. P. Morgan; Treasurer, James H. Perkins. Mr. Clarence L. Hay was elected Secretary, to fill the vacancy caused by the death of Mr. S. Brinckerhoff Thorne.

At the Annual Meeting of the Trustees, held January 5, 1931, the following new members of the Board of Trustees were elected: Mr. Suydam Cutting, to the Class of 1934, to fill the vacancy due to the resignation of Mr. Oliver G. Jennings; in the Class of 1935, Mr. Cornelius Vanderbilt Whitney, to fill the vacancy caused by the resignation of Mr. Roswell Miller; and Mr. H. Rivington Pyne, to fill the vacancy caused by the death of Mr. S. Brinckerhoff Thorne. Messrs. George T. Bowdoin, J. P. Morgan, Daniel E. Pomeroy and Henry W. Sage, whose terms expired at the Annual Meeting, were reelected to the Class of 1935.

In accordance with the amendment to the Constitution, enlarging the Executive Committee from nine to eleven members, the Trustees at the Annual Meeting of 1931, appointed Mr. Felix M. Warburg and Mr. Henry W. Sage as members of the Executive Committee to fill these new positions on this Committee.

#### **CHANGES AND PROMOTIONS IN THE SCIENTIFIC STAFF**

The scientific world and the staff of the American Museum in particular suffered irreparable loss through the death of Dr. William Diller Matthew in California on September 24, 1930. Doctor Matthew joined the Scientific Staff of the Museum in 1895 and for thirty-two years devoted himself with marked ability and noble zeal to the palæontological work of the Museum. Although he retired from the Staff in 1927 to accept the Professorship of Palæontology and the Curatorship of the Palæontological Museum of the University of California, he continued close relations with the Museum and its staff and devoted his summer vacations to the continuation of his researches at the Museum; in fact, he was so engaged at the time that he was stricken with his last illness.

On the date of his death, September 24, 1930, at the meeting of the Scientific Staff, addresses were made by several of Doctor Matthew's friends, and the following resolution was passed and transmitted to his family and the University of California:

William Diller Matthew was associated with us during the entire Museum career of nearly all members of the Staff, who sadly assemble to honor his memory. Throughout a life of distinguished accomplishment in research and in the upbuilding of the American Museum of Natural History, he was always a ready helper and illuminating counsellor to all who sought him with problems in many fields. Sound, steadfast, patient and brilliant, he was an honor to science and to mankind.

With sorrow and a profound feeling of personal loss, we learn of the death of our friend and colleague. Our heartfelt sympathy goes out to his family and his circle of friends in California.

During the year, the following resignations from the Scientific Staff were reluctantly accepted:

Charles E. Burt, M.S., Assistant Curator in the Department of Herpetology and Experimental Biology; Nancy A. True, A.B., and Elizabeth A. Eckels, Ph.B., Staff Assistants in the Department of Public Education.

In view of the important researches which Mr. Childs Frick has been conducting for several years past and his generous support of the field work in the Department of Vertebrate Palæontology, the Trustees on February 19, 1930, appointed him Honorary Curator of Late Tertiary and Quaternary Mammals.

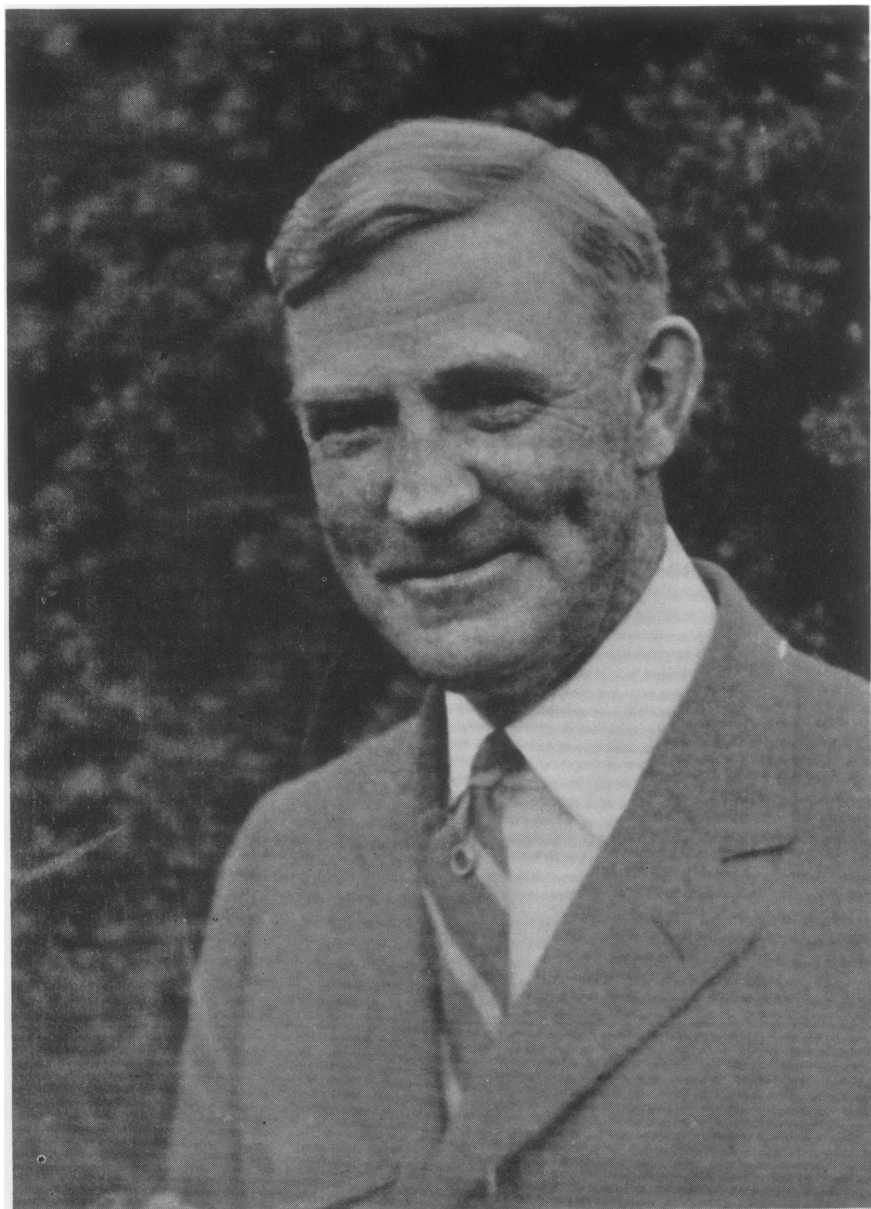
Rachel A. Husband, A. M., was appointed Staff Assistant in the Department of Vertebrate Palæontology.

The Trustees also appointed the following Research Associates in the Department of Herpetology and Experimental Biology: Homer W. Smith, Sc.D., O. M. Helff, Ph.D., and Frank S. Mathews, M.D.

The Trustees also made the following promotions and appointments to the Scientific Staff for 1931:

Roy Chapman Andrews, Sc.D., Curator-in-Chief of Asiatic Exploration and Research, was appointed Vice-Director (In Charge of Exploration and Research).





**SAMUEL BRINCKERHOFF THORNE**  
September 19, 1873-June 3, 1930  
Trustee, 1928-1930  
Secretary of the Board, 1930



Mr. James L. Clark, Assistant Director, Chief of Preparation, was appointed Vice-Director (In Charge of Preparation and Exhibition).

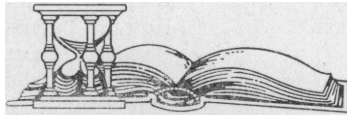
Wayne M. Faunce, Sc.B., Assistant to the Director and Assistant Secretary, was promoted to Assistant Director (General Administration) and Assistant Secretary.

G. H. H. Tate, B.S., was appointed Assistant Curator of South American Mammals.

Harry L. Shapiro, Ph.D., was promoted from Assistant Curator to Associate Curator of Physical Anthropology.

Miss Dorothy A. Bennett, A.B., was appointed Staff Assistant in the Department of Public Education.

The Department of Preparation and Exhibition was added to the list of Scientific Departments; Mr. James L. Clark was appointed Vice-Director (In Charge) and Mr. Albert E. Butler was appointed Associate Chief.



**NEW MEMBERS**

During 1930 the following new members were elected:

**ENDOWMENT CLASS**

GEO. F. BAKER, JR.

F. G. VOSS\*

**ASSOCIATE FOUNDER**

JOHN F. ARCHBOLD\*

**ASSOCIATE BENEFACTORS**

GEORGE T. BOWDOIN

MRS. WALTER WEHLE NAUMBURG

GEORGE COE GRAVES, 2D

HORACE S. SCARRITT

MRS. BONNIE WALLACE LE CLEAR\*

GEORGE F. TYLER

MISS EMILY A. WATSON\*

**BENEFACTOR**

MRS. HENRY EDWARDS HUNTINGTON\*

**HONORARY FELLOW**

REAR ADMIRAL RICHARD EVELYN BYRD

**FELLOWS**

MRS. WILLIAM BAMBERGER

C. OLIVER O'DONNELL

ARTHUR N. MILLIKEN

MRS. WHEELER H. PAGE

**PATRONS**

MRS. DANIEL BECKWITH

SIDNEY J. LEGENDRE

JOHN P. BENSON

RALPH B. LEONARD

ANTHONY ADDISON BLISS

RICHARD C. PAINE

HOWARD RUSSELL BUTLER

HOWARD PHIPPS

THOMAS COCHRAN

HAROLD I. PRATT

W. R. COE

MORTIMER L. SCHIFF

MRS. THOMAS S. GATES

MRS. EZRA RIPLEY THAYER

MYRON I. GRANGER

MRS. CARLL TUCKER

MADISON GRANT

MRS. STEPHEN H. TYNG

WILLIAM F. JUDSON

HERBERT P. WHITLOCK

MORRIS LEGENDRE

MRS. PAYNE WHITNEY

**HONORARY LIFE MEMBERS**

DR. CHARLES ERNEST BUNNELL

HERMAN O. MUELLER

GILBERT E. GABLE

NEIL W. RICE

---

\*Deceased

LIFE MEMBERS

MRS. JOHN F. ARCHBOLD  
 GEORGE L. BAGBY  
 B. P. BOLE  
 WILLIAM G. BROOKS  
 C. MERRILL CHAPIN, JR.  
 WARD CHENEY  
 MRS. STARLING W. CHILDS  
 MRS. A. O. CHOATE  
 MISS ELLA MABEL CLARK  
 MRS. JAMES FENIMORE COOPER  
 ROY CURTISS  
 HUBERT K. DALTON  
 L. W. DOMMERICH  
 MISS ELIZABETH DOUGLAS  
 MRS. OTTO GERDAU  
 MRS. R. L. GERRY  
 ROBERT L. GERRY  
 MRS. AMORY L. HASKELL  
 GERARD C. HEGEMAN  
 LESLIE HERMAN  
 J. F. HOLMES  
 MISS ALICE E. KINGSBURY

JOSEPH F. KNAPP  
 JOS. L. LILIENTHAL  
 MISS PATRICIA LOVETT  
 JAMES R. MARTIN  
 SCHUYLER A. ORVIS  
 MRS. PARIS PHILIPS  
 MRS. CLARENCE PRICE  
 GEORGE EMLÉN ROOSEVELT, JR.  
 MRS. NELSON B. SACKETT  
 MISS E. B. SCRIPPS  
 MRS. JOHN SLOANE  
 W. HINGKLE SMITH  
 W. E. D. STOKES, JR.  
 MISS ANNA LORD STRAUSS  
 ARTHUR HAYS SULZBERGER  
 ABEL CARY THOMAS  
 MRS. HENRY M. TILFORD  
 MISS MARTHA TOOTHE  
 MRS. GEORGE M. VIAL\*  
 LUDWIG VOGELSTEIN  
 JAMES P. WARBURG  
 DWIGHT DEERE WIMAN

SUSTAINING MEMBERS

MRS. E. FARRAR BATESON  
 MRS. WM. H. H. BEEBE  
 RUSSELL M. BENNETT  
 SAMUEL R. BETTS  
 DR. HARLOW BROOKS  
 MRS. EDWIN H. BROWN  
 WILLARD H. BROWNSON  
 J. O. BULKLEY  
 MRS. HENRY W. BULL  
 SHIRLEY C. BURDEN  
 THOMAS BURKHARD  
 ELMER T. BUTLER  
 MISS MARY E. CALHOUN  
 MRS. GERTRUDE E. CASE  
 H. DURANT CHEEVER  
 DANA C. CLARKE  
 JOSEPHINE COLGATE  
 MISS ELISABETH S. CRAFTS  
 MISS CLARA CUDAHY  
 WM. NELSON DAVEY

MISS HELEN E. DAVIS  
 MRS. GEORGE B. DELONG  
 MISS HARRIET E. DEVOE  
 HOMER A. DUNN  
 LOUIS G. ENGEL  
 MRS. LEOPOLD FREDERICK  
 W. WINANS FREEMAN, JR.  
 MARTIN J. GILLEN  
 ERNEST K. HALBACH  
 GEORGE FREDERICK HÄNDEL  
 DR. LOUIS HAUSWIRTH  
 W. DE F. HAYNES  
 JOHN A. HIRD  
 MISS AMELIA B. HOLLENBACK  
 MRS. WORTHAM JAMES  
 WALTER JENNINGS  
 CHARLES S. KEENE  
 ARTHUR H. KEHOE  
 MRS. ARTHUR L. KERRIGAN  
 EDWARD KOHNSTAMM

\*Deceased

HENRY KRUMB  
 MRS. JOHN L. KUSER, JR.  
 ARCHIBALD R. LIVINGSTON  
 ETHELBERG IDE LOW  
 GEORGE LUEDERS  
 MRS. C. DU PONT LYON  
 JOHN B. MADDOCK  
 DR. MORRIS MANGES  
 JOHN A. MANNING  
 MRS. R. A. DE LIMA MAYER  
 MRS. ROBERT T. MCGUSTY  
 MRS. BYRON D. MILLER  
 C. O. G. MILLER  
 M. ANNIE MILLER  
 WM. FELLOWES MORGAN  
 MRS. HENRY L. MOSES  
 PHILIP A. MOSMAN  
 PATRICIA O'CONNOR  
 MRS. PONSONBY OGLE  
 SAMUEL PEARSALL  
 MISS ALICE R. PETERS  
 MISS ISABEL M. PETERS

WILLIAM C. PETTON  
 MRS. WILLIAM C. PETTON  
 JOSEPH PLAUT  
 ZAREH PRITCHARD  
 MRS. FRANCIS F. RANDOLPH  
 MISS ELVINE RICHARD  
 HUGH S. ROBERTSON  
 ROBERT C. ROEBLING  
 ROBERT SCHEY  
 LEONARD HULL SMITH  
 J. BENTLEY SQUIER  
 MEYER STERN  
 DANIEL W. STREETER  
 MRS. JAMES SULLIVAN  
 CARLL TUCKER  
 MYER L. VICTORIUS  
 S. F. VOORHEES  
 MISS MIRIAM DWIGHT WALKER  
 CARL WEEKS  
 C. H. WERNER  
 ANDREW WINEMAN  
 ROSS YOUNG

## DECEASED MEMBERS

### BENEFACTOR

HARRY PAYNE WHITNEY

### ASSOCIATE FOUNDER

HARRY PAYNE WHITNEY

### ASSOCIATE BENEFACTORS

JOHN F. ARCHBOLD

HARRY PAYNE WHITNEY

### PATRONS

SIDNEY M. COLGATE  
 MRS. DWIGHT A. JONES  
 MRS. ISABELLE FIELD JUDSON  
 MASON MITCHELL

THOS. NEWBOLD  
 MRS. HENRY FAIRFIELD OSBORN  
 S. B. THORNE  
 HARRY PAYNE WHITNEY

### FELLOWS

GEN. COLEMAN DU PONT

WILLIAM BOYCE THOMPSON

### HONORARY LIFE MEMBER

MRS. MARY WHITE TSIPOURAS

LIFE MEMBERS

EDWARD F. ALBEE  
 THOMAS G. BENNETT  
 SAMUEL R. BETTS  
 CHARLES C. BOLTON  
 NICHOLAS F. BRADY  
 PERCY CHUBB  
 SIDNEY M. COLGATE  
 J. D. COX  
 ROBERT CRABB  
 MARCUS DALY  
 A. V. DE GOICOURIA  
 GEN. COLEMAN DU PONT  
 LEO FEIST  
 HENRY WALDO GREENOUGH  
 DANIEL GUGGENHEIM  
 GEORGE E. HALLIDAY  
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Respectfully submitted,

CLARENCE L. HAY,  
*Secretary.*

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*December 31, 1930*

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 Carpenter, Charles C.  
 Carpenter, Mrs. J. Norman  
 Carpenter, Thomas R.  
 Carr, Herbert J.  
  
 Carr, James A.  
 Carscallen, Mrs. John D., 2d  
 Carscallen, Marie L.  
 Carse, John B.  
 Carter, E. F., Jr.  
 Carter, Ernest T.  
 Carter, Mrs. Ernest T.  
 Carter, R. Franklin, M.D.  
 Carter, R. S.  
 Carty, John J.  
 Carver, Clifford  
 Cary, Mrs. Robert J.  
 Casamajor, Dr. Louis  
 Casamajor, Miss Martha  
 Case, Mrs. Charles L.  
 Case, J. Herbert  
 Case, Theodore W.  
 Caspary, A. H.  
 Cass, Charles Anderson  
 Cassell, Mrs. William Edward  
 Castle, Chas. C.  
 Castle, W. A.  
 Cattell, J. McKeen  
 Cattus, John V. A.  
 Caulfield, John  
 Ceballos, Mrs. Juan M.  
 Chace, Arthur F.  
 Chadbourne,  
     Mrs. Humphrey W.  
 Chadbourne, William M.  
 Chaffee, H. Almon  
 Chalmers, Arthur A.  
 Chambers, Frank R.  
 Chambers, Geo. J.  
 Chambers, Hilary R.  
 Chandler, Norman Wilmer  
 Chandler, Percy M.  
 Chandor, Miss Valentine L.  
 Chapin, C. H. B.  
 Chapin, Miss Cornelia Van A.  
 Chapin, Elizabeth G.  
 Chapin, L. H. Paul  
 Chapin, Miss Maria Bowen  
 Chapman, Clarence E.  
 Chapman, Mrs. Clarence E.  
 Chapman, Mrs. Edwin N.  
 Chapman, John Jay  
 Chapman, Mrs. John Jay

- Chappel, H. G.  
 Chappell, Mrs. Howard Field  
 Charles, Lillian M.  
 Charles, Mrs. Mary de P.  
 Charles, William B.  
 Charlton, Mrs. Earle P.  
 Chase, Miss Jessie  
 Chatillon, George E.  
 Chauncey, A. Wallace  
 Chaves, José E.  
 Cheney, Geo. L.  
 Cheney, Mrs. K. D.  
 Cheney, Louis R.  
 Chester, Hawley T.  
 Child, Ralph S.  
 Child, Miss Ruth Auchincloss  
 Childs, Frederick R.  
 Childs, S. W.  
 Childs, Mrs. W. J.  
 Childs, Wm.  
 Chipman, Guy W.  
 Chisholm, Hugh J.  
 Chisholm, Mrs. Hugh J.  
 Chisman, Rosa B.  
 Chisolm, B. Ogden  
 Chisolm, Mrs. B. Ogden  
 Choate, Mabel  
 Christie, R. E.  
 Chubb, Mrs. F. Y.  
 Church, C. T.  
 Church, F. Edwin  
 Church, Louis P.  
 Cisco, George H.  
 Clafin, Mr. George E.  
 Clafin, John  
 Clapp, Frederick G.  
 Clapp, George H.  
 Clapp, Paul S.  
 Clark, Bert  
 Clark, Mrs. Charles M.  
 Clark, Charles Martin  
 Clark, Clarence M.  
 Clark, Miss Ella Mabel  
 Clark, George C., Jr.  
 Clark, George H.  
 Clark, Mrs. Grenville  
 Clark, Harold Benjamin  
 Clark, Harold T.  
 Clark, Harry H.  
 Clark, Henry A.  
 Clark, Jesse W.  
 Clark, John M.  
 Clark, Mrs. John Peyton  
 Clark, Mrs. Le Roy  
 Clark, Maud S.  
 Clark, Raymond Skinner  
 Clarke, Mrs. David  
 Clarke, E. A. S.  
 Clarke, Mrs. E. A. S.  
 Clarke, Florence  
 Clarke, Thomas B.  
 Clausen, George U.  
 Clayberger, R. P.  
 Clayburgh, Albert  
 Clayton, Florence P.  
 Cleaver, James P.  
 Clegg, Mrs. A. E.  
 Clement, Mrs. Stephen  
     Merrell  
 Cleveland, Clement, M.D.  
 Cleveland, Mather  
 Clevenger, Mrs. Russell R.  
 Clinton, C. Kenneth  
 Close, Walter H.  
 Clow, Mrs. James C.  
 Clowes, Francis J.  
 Clowes, Frederick V.  
 Cluett, Walter H.  
 Coakley, Cornelius G., M.D.  
 Coats, Marion  
 Cobb, A. Polhemus  
 Cobb, Mrs. Clemont B. P.  
 Cobb, Mrs. Henry E.  
 Cobb, Irvin S.  
 Cochran, G. D.  
 Coe, Henry E., Jr.  
 Coffin, Miss Alice S.  
 Coffin, Francis A.  
 Coffin, William S.  
 Cogswell, Mrs. Ledyard, Jr.  
 Cohen, Arthur J.  
 Cohen, DeWitt Clinton  
 Cohen, George Lion  
 Cohen, Julius Henry  
 Cohen, Max  
 Cohen, Moise K.  
 Cohen, Wm. N.  
 Cohen, William W.  
 Cohn, Alfred E.  
 Cohn, Martin L.  
 Cohn, Sigmund  
 Coit, Marjorie Cordley  
 Coker, James Lide  
 Colburn, Albert E.  
 Colburn, Burnham S.  
 Cole, Edwin  
 Cole, Frederic A.  
 Cole, Irving V.  
 Cole, Mrs. L. W.  
 Cole, Rufus  
 Cole, Mrs. Rufus  
 Cole, Sylvan  
 Colebrook, Charles B.  
 Coleman, John A., Jr.  
 Coleman, L. W. T.  
 Coleman, Mrs. Leighton H.  
 Coleman, Dr. Warren  
 Coles, Robert R.  
 Colgate, Gilbert  
 Colgate, James C.  
 Colgate, Mrs. Richard M.  
 Colie, Stuart Edgar  
 Collier, Mrs. R. J.  
 Collins, Chas. Farnham, M.D.  
 Collins, Mrs. Minturn Post  
 Collison, B. N.  
 Colp, Dr. Ralph  
 Colt, Harris D.  
 Colt, Richard C.  
 Colton, Mrs. Chester L.  
 Conboy, Martin  
 Cone, Bernard M.  
 Cone, Mrs. Ceasar  
 Cone, Frederick H.  
 Conklin, Mrs. W. R.  
 Connable, Mrs. John Lee  
 Connfelt, Charles M.  
 Constantian, Dr. R.  
 Content, Walter  
 Conway, W. Palen  
 Conyngham, Mrs. John N.  
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 Cook, H. J.  
 Cooke, Richard A.

- Cooley, Samuel S.  
 Coolidge, Oliver H.  
 Coolidge, Mrs. W. H., Jr.  
 Coombs, James Bliss  
 Coombs, Mrs. Robert D.  
 Coonan, J. E.  
 Cooney, Dr. John D.  
 Cooper, Mrs. Charles W.  
 Cooper, Dudldy M.  
 Cooper, F. G.  
 Cooper, Henry E.  
 Cooper, Henry S. Fenimore  
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 Cooper, Mrs. M. Le Brun  
 Cooper, Morris  
 Copeland, Royal S., M.D.  
 Coppel, Arthur  
 Corbin, A. O.  
 Corbin, Austin  
 Corcoran, George Eustis  
 Coriell, William W.  
 Corlies, Howard  
 Cormack, G. A.  
 Corn, Belmont  
 Cornell, Edward  
 Cornell, F. G., Jr.  
 Cornell, Miss Emily L.  
 Corning, Mrs. Parker  
 Corrigan, Agnes  
 Corsa, James E.  
 Corscaden, Dr. James A.  
 Cory, Robert H.  
 Coshland, Mrs. Lee B.  
 Costello, J. George  
 Coster, Mrs. C. H.  
 Cote, Arthur J.  
 Cotting, C. E.  
 Coulter, E. D.  
 Courtney, Mrs. Basil S.  
 Coutant, Mrs. Russel S.  
 Cowan, Harold  
 Coward, Marian W.  
 Cowdin, J. Cheever  
 Cowdin, Mrs. Winthrop  
 Cowl, Clarkson  
 Cowl, Mrs. Clarkson  
 Cowles, Dr. Edward S.  
 Cowles, Mrs. Percival W.
- Cowperthwait, J. H.  
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 Craig, Gladys M.  
 Crain, Miss Christobelle  
 Cram, Mrs. Harward W.  
 Crandall, John Lou  
 Crane, Charles R.  
 Crane, Mrs. Clinton H.  
 Crane, Mrs. W. Murray  
 Crane, Mrs. Winthrop M., Jr.  
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 Crawford, Douglas J.  
 Crawford, H. L.  
 Crawford, Mary M., M.D.  
 Creedon, Miss Gale C.  
 Crile, George W., M.D.  
 Crimmins, Miss Mary C.  
 Crimmins, Mrs. Thomas  
 Crocker, W. T.  
 Crocker, William H.  
 Crockett, Mrs. Stuart  
 Cromwell, James H. R.  
 Cromwell, Jarvis  
 Cromwell, Lincoln  
 Crone, S. A.  
 Cross, Miss Emily  
 Cross, George D.  
 Cross, Miss M. R.  
 Cross, W. R.  
 Crossley, G. R.  
 Crow, Chas. S.  
 Crozier, Maj.-Gen. William  
 Crump, Dr. Armistead C.  
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 Cullman, Mrs. H. S.  
 Cullman, Jos. F.  
 Cullman, Mrs. Joseph F., Jr.  
 Cullum, J. Barlow  
 Cummins, G. Wyckoff  
 Cunningham, Francis de L.  
 Cunningham, Mrs. Frederic,  
 Jr.  
 Cunningham, W. de L.  
 Cuppia, J. C.  
 Curie, Chas.  
 Curiel, H.  
 Curran, Guernsey
- Currie, Mark Douglas  
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 Curtis, Mrs. James F.  
 Curtis, Ronald Eliot  
 Curtiss, Franklin  
 Cushing, Grafton D.  
 Cushing, Mrs. H. A.  
 Cushman, Burritt A.  
 Cushman, James Stewart  
 Cushman, Merton L.  
 Cutcheon, F. W. M.  
 Cuthell, Chester W.  
 Cutler, Constance  
 Cutler, Earle  
 Cutler, Mrs. Geo. C.  
 Cutler, J. Warren  
 Cutting, Mrs. Fulton  
 Cypra, Anton
- Daily, George M.  
 Dakin, Mrs. Henry D.  
 Dale, Chester  
 Dale, Mrs. Eben  
 Dall, C. W.  
 Dall, Mrs. Curtis B.  
 Dallett, Frederic A.  
 Damrosch, Frank  
 Dana, Denison D.  
 Dana, Edward S.  
 Danforth, Mrs. Francis J.  
 Daniel, Annie S., M.D.  
 Danziger, Virginia  
 Darlington, Mrs. Gilbert  
 Darlington, Rev. Henry, D.D.  
 Dashew, Jacob  
 Daum, Warren  
 Davenport, Chas. B.  
 Davenport, Miss Fanny  
 Davenport, Frederick  
 Morgan, Jr.  
 Davenport, Mrs. Ira  
 Davidson, DeWitt A.  
 Davidson, Mary E. S.  
 Davie, Mrs. Bedford  
 Davie, Preston  
 Davies, J. Clarence  
 Davis, Mrs. Aaron



- Davis, Emanuel S.  
 Davis, George S.  
 Davis, Horace A.  
 Davis, Mrs. J. Edward  
 Davis, John W.  
 Davis, Leonard M.  
 Davis, Morgan  
 Davis, Nelson C.  
 Davis, Mrs. Robert C.  
 Davis, Samuel D.  
 Davis, Warren J.  
 Davison, Miss Alice M.  
 Davison, Miss E. H.  
 Davison, George W.  
 Davison, Mrs. Louis V.  
 Dawson, William E.  
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 Day, Joseph P.  
 Day, Miss Sarah J.  
 Dazian, Henry  
 Dean, Mrs. E. Clarence  
 Dean, Gerald J.  
 Dean, Miss Harriet M.  
 Deane, H. Towner  
 Dearborn, D. B., Jr.  
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 De Buys, A.  
 Decker, Elizabeth  
 Decker, Evelyn F.  
 Decker, Mrs. H. E.  
 deCoppet, Miss Juliette  
 de Forest, Johnston  
 de Forest, Lockwood  
 de Forest, Robert W.  
 de Forest, Mrs. Robert W.  
 Degener, John F., Jr.  
 Degener, Paul A.  
 de Gersdorff, Mrs. Carl A.  
 de Ghika, George  
 De Golyer, E.  
 Deitsch, Alan B.  
 Deknatel, F. H.  
 deKosenko, Stepan  
 Delacorte, Geo. T., Jr.  
 Delafield, Mrs. John R.  
 Delafield, Lewis L., Jr.  
 Delafield, Robert H.  
 Delamar, Alice A.  
 DeLand, Charles M., Jr.  
 Delano, Lyman  
 De Lanoy, William C.  
 Delavan, D. Bryson, M.D.  
 Delehanty, M. J.  
 Demarest, L. McGregor  
 Demarest, Peter E., Ph.D.  
 Deming, Mrs. Horace E.  
 Deming, L. C.  
 Demorest, Mrs. William J.  
 Demuth, Leopold  
 Denby, Edwin H.  
 Denison, Mrs. Charles Halbert  
 Denny, Miss Amey D.  
 Denny, Mrs. Lucy W.  
 Denton, Dr. Myron P.  
 Denver, Miss Mary H.  
 Denzer, Dr. Bernard S.  
 DePass, I. Orlando  
 de Perigny, Comtesse  
 Depland, Paul L.  
 Dercum, Francis X., M.D.  
 Derfelden, Margharita  
 de Ruyter, John E.  
 Desimone, Anthony  
 Desmond, Thomas C.  
 De Sola, Mrs. J. C.  
 De Sola, Solomon, D.D.S.  
 Detjen, Wm. Edward  
 Detmer, Julian F.  
 Deutsch, Lee  
 Dewey, Frederick A.  
 Dewey, Dr. Martin  
 DeWitt, Benjamin P.  
 DeWolf, W. Ashley  
 Dexter, Mrs. Stanley W.  
 Dick, Adolph M.  
 Dick, Fairman R.  
 Dick, Madeleine T.  
 Dick, William K.  
 Dickerman, Minerva  
 Dickerman, Mrs. Wm. C.  
 Dickey, Mrs. Charles D.  
 Dickey, Charles D., Jr.  
 Dickey, Lawrence W.  
 Dickins, A. C.  
 Diedel, Henry R.  
 Diefenthaler, Charles E.  
 Dieffenbach,  
     William H., M.D.  
 Dike, Mrs. Norman S.  
 Diller, Angela  
 Dillingham, F. A.  
 Dillon, Charles J., M.D.  
 Dillon, Herbert Lowell  
 Dimock, E. J.  
 Dinsmore, Madeleine I.  
 Dittler, Mrs. Herbert  
 Dittrich, Hermann  
 Dix, Mrs. Alfred P.  
 Dix, John A.  
 Dixon, Miss Augusta P.  
 Dixon, William L.  
 Dize, Miss Eleanore E.  
 Doane, S. E.  
 Dodd, Miss Gertrude  
 Dodge, Bayard  
 Dodge, C. Gerard  
 Dodge, Miss Marian P.  
 Dodge, Murray W.  
 Dodge, Mrs. Murray W.  
 Doelger, Charles P.  
 Doernberg, Mrs. Dudley D.  
 Doerr, Kuno  
 Dohme, John L.  
 Dolbey, Miss Sarah E.  
 Dole, Miss Margaret  
 Dole, Nathan Haskell  
 Domer, Wilson D. I.  
 Dominick, Bayard  
 Dominick, Gayer G.  
 Dominick, Mrs. George F., Jr.  
 Dominick, Wm. F.  
 Dominick, Mrs. Wm. F.  
 Donaldson, Francis  
 Donaldson, Fred'k E.  
 Donaldson, Mrs. John W.  
 Donchian, Peter  
 Donnelly, Miriam W.  
 Donoho, Mrs. Ruger  
 Donohugh, Mrs. Agnes C. L.  
 Dooley, Channing Rice  
 Doran, Charles S.  
 Dorffman, Norman I.  
 Dorman, Mrs. Franklin  
 Dorr, Goldthwaite Higginson

- Dorr, John V. N.  
 Dorrance, Rev. Samuel M.  
 Dort, Robert G.  
 dos Passos, Cyril F.  
 Doubleday, F. N.  
 Doubleday, Nelson  
 Douglas, Mrs. Percy L.  
 Douglas, Rev. Winfred  
 Douglas, Wm. Harris  
 Douglass, Mrs. Chas.  
 Douglass, Mrs. G. A.  
 Dow, Miss Bertha McL.  
 Dow, Dr. Stanley M.  
 Dowd, Wyllys E., Jr.  
 Downer, Eliza de Forest  
 Downes, William A., M.D.  
 Downey, John I.  
 Dows, David  
 Doying, Arthur Simeon  
 Drake, Miss Mary E.  
 Draper, Charles D.  
 Draper, George  
 Draper, Ruth  
 Draper, Mrs. William K.  
 Draper, Mrs. Wm. P.  
 Drayton, Emlen M.  
 Drayton, Mrs. Emlen M.  
 Drayton, J. Coleman  
 Dreier, H. Edward  
 Dresser, Evan C.  
 Dressler, Mrs. Oscar  
 Dribben, S. F.  
 Dring, Chas. P.  
 Drummond, Isaac Wyman  
 Drury, Paul O.  
 Dryfoos, Mrs. Jack A.  
 DuBois, Arthur  
 Du Bois, Miss Cora A.  
 Du Bois, Eugene  
 DuBois, Miss Margaret  
 Du Bois, Mrs. Matthew B.  
 DuBosque, F. L.  
 Dudley, Mrs. Frank A.  
 Duff, John, M.D.  
 Duffus, Mrs. R. L.  
 Duffy, Rev. Francis P., D.D.  
 Duffy, John J.  
 Duis, Bernhard A.  
 Dumbell, Henry T.  
 Duncan, Frederick S.  
 Duncan, Stuart  
 Duncan, Wm. A.  
 Dunham, Mrs. Carroll  
 Dunham, Mrs. Edward K.  
 Dunham, Sturges S.  
 Dunlap, Charles J.  
 Dunlop, E. A.  
 Dunn, Henry E.  
 Dunning, Henry S., M.D.  
 Dunning, Dr. William B.  
 Dupee, Charles  
 du Pont, Henry F.  
 Durant, Donald  
 Durant, John  
 Durant, Mrs. Thomas W.  
 Durkee, Richard P. H.  
 Durlach, Theresa Mayer  
 Durrell, Joseph H.  
 Durstine, Roy S.  
 Dustin, Charles W.  
 Dutcher, Malcolm B.  
 Du Val, Guy  
 Dwight, Col. A. S.  
 Dwight, Dr. Kirby  
 Dwight, P. D.  
 Dwight, Mrs. Winthrop  
 Dwight, Winthrop E.  
 Dworsky, Mrs. Clementina  
 Dyer, George J.  
 Dyer, Horace T.  
 Dyer, Miss Lyman Tiffany  
 Dyer, Miss Mary Elizabeth  
 Eadie, James P.  
 Eager, Ernest W.  
 Eagle, J. Frederick  
 Earle, Ellis P.  
 Early, Joseph N.  
 Eastland, Dr. O.  
 Easton, Charles D.  
 Easton, E. R., Jr.  
 Eaton, Cyrus S.  
 Eaton, Mrs. Frederick H.  
 Eaton, Henry W.  
 Ebeling, Albert H., M.D.  
 Eberstadt, Ferdinand  
 Echeverria, Dr. Fred J.  
 Eckart, Edmund  
 Ecker, F. H.  
 Eckstein, Alfred  
 Eddy, Geo. Simpson  
 Eddy, Joseph D.  
 Eddy, Wm. H.  
 Eden, John H., Jr.  
 Edens, John H.  
 Eder, P. J.  
 Edgar, Herman L. R.  
 Edge, Mrs. C. N.  
 Edgell, George Harold  
 Edie, Richard, Jr.  
 Edson, Franklin, 3d  
 Edson, Mrs. Franklin  
 Egel, Josephine M.  
 Ehrenclou, Alfred H.  
 Ehret, Mrs. Louis J.  
 Ehrich, Mrs. Adelaide Price  
 Ehrich, Mrs. Jules S.  
 Ehrmann, Mrs. E.  
 Eilers, Karl  
 Eilshemius, Henry G.  
 Eilshemius, Louis M.  
 Eimer, August  
 Einson, Morris M.  
 Einstein, I. D.  
 Eising, Dr. Eugene H.  
 Eisman, Max  
 Eisner, William J.  
 Eitelbach, Walter  
 Eldredge, Stuart E.  
 Eldridge, Lewis A.  
 Elizabeth, Mother Mary  
 Elkan, Benno  
 Elkus, Abram I.  
 Elkus, Mrs. Abram I.  
 Elliman, Douglas L.  
 Elliman, Lawrence Bogert  
 Elliot, Arthur F.  
 Eliot, Mrs. Ellsworth  
 Elliot, Mrs. August H.  
 Elliot, Mrs. Stewart  
 Elliott, John  
 Ellis, M. Robert  
 Ellison, Bennett  
 Ellsworth, John S.

- Elmendorf, Ten Eyck, M.D.  
 Elmer, C. W.  
 Elms, Franklin M.  
 Elsberg, H. A.  
 Elser, Mrs. Maximalian, Jr.  
 Elsworth, Harold J.  
 Eltinge, Miss Louise  
 Ely, Alfred  
 Ely, Carl B.  
 Ely, Caroline Weir  
 Emanuel, John Henderson  
 Embury, Miss Emma C.  
 Emerick, F. A.  
 Emerson, John Haven  
 Emerson, Miss Julia T.  
 Emmet, C. Temple  
 Emmet, Miss Lydia F.  
 Emmet, Robert Temple  
 Emmons, Miss Elizabeth W.  
 Endicott,  
     William Crowninshield  
 Enelow, H. G.  
 Engel, Irving M.  
 Engelbregt, P. A. L.  
 Engelhard, George H.  
 Englander, Harry  
 English, Geo. W.  
 English, Mrs. J. Radford  
 Engs, Samuel F.  
 Epro, Reuben  
 Epstein, Mrs. B.  
 Erb, William M.  
 Erbsloh, R.  
 Erdmann, Albert J.  
 Erdmann, John F., M.D.  
 Erdmann, Martin  
 Erdmann, William  
 Erdwurm, Frank, M.D.  
 Erganian, Dr. John K.  
 Ericson, Charles  
 Erisman, Mrs. Frank H.  
 Eristoff, Miss Irene  
 Erlanger, Milton S.  
 Erlanger, Sidney C.  
 Ernst, Irving L.  
 Eschenbach, Edward R. A.  
 Eskesen, Eckardt V.  
 Ettinger, R. P.  
 Eustis, Mrs. W. C.  
 Evans, Harry F.  
 Evans, Mrs. Henry  
 Evans, Mrs. S. O.  
 Evans, Dr. Samuel M.  
 Evans, Wm. W.  
 Everit, Mrs. Wm. D.  
 Everitt, John W.  
 Everitt, S. A.  
 Ewell, Robert H.  
 Ewing, George R. M.  
 Exton, H. E.  
 Eyer, Mrs. George A.  
 Fabbri, Ernesto G.  
 Fabbri, Mrs. Ernesto G.  
 Fabbri, Mrs. Sheperd  
 Fabyan, Mrs. Everett W.  
 Fahnestock, Harris  
 Fahnestock, William  
 Fahs, Mrs. Sophia Lyon  
 Faile, Kenneth C.  
 Failla, G.  
 Fairbank, Wallace  
 Fairchild, Mrs. Chas. S.  
 Fairchild, Mrs. S. W.  
 Fairfax, Mary Cecilia  
 Falahee, John J.  
 Fales, Frederick S.  
 Falk, Dr. K. George  
 Falk, Myron S.  
 Falls, Mrs. DeWitt Clinton  
 Farley, Robert E.  
 Farley, W. T.  
 Farnam, Thomas W.  
 Farnsworth, William  
 Farr, Mrs. F. Shelton  
 Farr, John, Jr.  
 Farrand, Mrs. Max  
 Farrel, Mrs. Franklin  
 Faxon, Wm. Bailey  
 Fay, Charles J.  
 Fay, Miss S. B.  
 Feingold, M. W.  
 Felbel, Jacob  
 Feldman, Herman  
 Feldscher, John H.  
 Fellows, Mrs. Earle W.  
 Felsenthal, Ben.  
 Fenton, Marion E.  
 Ferguson, Alfred L.  
 Ferguson, C. V.  
 Ferguson, Miss Eleanor  
 Ferguson, Harrison S.  
 Ferguson, Harry L.  
 Ferguson, Mrs. Robert C.  
 Ferguson, Mrs. Roy K.  
 Ferguson, William C.  
 Férier, Albert Jean  
 Ferris, M. Douw, Jr.  
 Ferriss, J. M.  
 Ferry, Mansfield  
 Fetzer, Frank  
 Fichtel, Frederic  
 Fiedler, Geo. A., M.D.  
 Field, Mrs. A. B.  
 Field, Charles K.  
 Field, Henry  
 Field, Wm. B. Osgood  
 Field, Mrs. Wm. B. Osgood  
 Fielding, Eugenie M.  
 Fields, Harold  
 Figgatt, Mrs. T. C.  
 Filley, F. H.  
 Filley, Oliver D.  
 Finch, Mrs. Gertrude K.  
 Fink, E. C.  
 Finn, Mrs. James A.  
 Finn, Mrs. James Wall  
 Fischer, Hermann, M.D.  
 Fischer, L. J.  
 Fischer, T. Tasso  
 Fischer, William M.  
 Fish, Erland F.  
 Fisher, Howell  
 Fisher, Joel Ellis  
 Fisher, Maud  
 Fisher, Samuel H.  
 Fisher, Dr. William C.  
 Fitzhugh, John L.  
 Flanigan, Horace  
 Flatow, William, Jr.  
 Fleischmann, Udo M.  
 Fleischman, Marco  
 Fleitmann, Fred. T.  
 Fleitmann, H. C.

- Fleming, Arthur H.  
 Fleming, Dr. H. C.  
 Fleming, Matthew C.  
 Flender, E. W.  
 Fletcher, E. Marguerite  
 Fletcher, Harry G.  
 Fletcher, Henry  
 Fletcher, Mrs. James, Jr.  
 Fletcher, Sydney E.  
 Flexner, Bernard  
 Flexner, Mrs. Simon  
 Florsheim, James  
 Flower, O. P.  
 Fobes, Mrs. J. Warner  
 Fogg, Edward C.  
 Fogg, Julius H. B.  
 Foley, H. S.  
 Foot, Sandford D.  
 Ford, Mrs. Edward  
 Forman, Mrs. G. Lisle  
 Forsch, Mrs. F.  
 Fortington, Mrs. H. A.  
 Fosdick, Raymond B.  
 Foshay, P. Maxwell  
 Foster, Frank B.  
 Foster, H. V.  
 Foster, Howard Crosby  
 Foster, J. Hegeman  
 Foster, J. Taylor  
 Foster, John H.  
 Foster, Miss Julia R.  
 Foster, Macomb G.  
 Foster, Pell W.  
 Foster, W. Edward  
 Fountain, Gerard  
 Fowler, Carl H.  
 Fowler, Emily A.  
 Fowler, Mrs. Harold  
 Fowler, Northrup  
 Fowler, Dr. Robert H.  
 Fowler, Russell S., M.D.  
 Fowler, Mrs. Thomas Powell  
 Fowler, William Eric  
 Fox, Miss Alice Bleecker  
 Fox, Frederick P.  
 Fox, Mrs. Horace E.  
 Fox, Mrs. Irving J.  
 Fox, Lyttleton
- Fox, Mortimer J.  
 Fox, William  
 Francis, Arthur W.  
 Francis, Robert T.  
 Franck, Ernst T.  
 Francklyn, Mrs. Cyril  
 Frank, Edgar E.  
 Frank, Mrs. Harold  
 Frank, Miss Helen  
 Frank, Isaiah, M.D.  
 Frank, Jerome W.  
 Frank, Joseph S.  
 Frank, K. C.  
 Frank, Mrs. Leo E.  
 Frank, Mrs. Robert M.  
 Frank, Walter  
 Franke, Julius  
 Frankel, Jacob L.  
 Franken,  
     Sigmund W.A., D.D.S.  
 Frankenberg, Henry E.  
 Frankenberg, Werner V.  
 Frankenstein, Edwin  
 Frankfort, Maurice  
 Franklin, George S.  
 Franklin, Lindley Murray  
 Franklin, Walter S., Jr.  
 Frantz,  
     Angus Macdonald, M.D.  
 Franzen, August  
 Fraser, Mrs. A. V.  
 Fraser, Alex. V.  
 Fraser, George C., Jr.  
 Fraser, Miss J. K.  
 Fraser, Sarah  
 Fraser, Miss S. Grace  
 Frederick, Karl T.  
 Freedley, Vinton  
 Freeland, Frank, M.D.  
 Freeman, Mrs. Blanche W.  
 Freeman, Edward W.  
 Freeman, Halstead G.  
 Freeman, Herbert C.  
 Frelinghuysen, G. G.  
 Frelinghuysen, P. H. B.  
 French, Amos Tuck  
 French, Mrs. Daniel C.  
 French, Fred F.
- French, Leigh, Jr.  
 French, W. H.  
 Frenkel, Leo S.  
 Freudenvoll, Miss Mabel  
 Frew, Walter E.  
 Frew, Mrs. William N.  
 Fréy, Arthur G.  
 Fried, Dr. Gustav A.  
 Friedenber, Chas.  
 Friedlander, Louis  
 Friedlander, Victor  
 Friedman, Elisha M.  
 Friedman, H. G.  
 Friedman, Stanleigh P.  
 Friedrichs, Rose  
 Friend, Mrs. S.  
 Fries, Miss Emilie  
 Fries, Harold H.  
 Frink, Mrs. Angelika W.  
 Frissell, A. S.  
 Frissell, Miss Leila S.  
 Frissell, Mrs. Lewis F.  
 Fritschy, Minnie B. Phelps  
 Frobisher, Clinton L.  
 Froelicher, Otto  
 Frothingham, Major John W.  
 Frothingham, Mrs. Randolph  
 Frothingham, Robert  
 Frothingham, William I.  
 Frueh, Mrs. Alfred J.  
 Frye, Arnold  
 Fuerst, W. F.  
 Fuessle, Kenneth  
 Fuldner, Mansfield Charles  
 Fulle, Chas. A.  
 Fullé, Richard Milton  
 Fuller, Mrs. Charles F.  
 Fuller, Egbert C.  
 Fuller, Mrs. Eugene  
 Fuller, George A.  
 Fulton, Elizabeth  
 Fulton, Robert Edison  
 Furman, Robert T.
- Gabriel, Arthur R.  
 Gadebusch, Paul H.  
 Gaillard, Mrs. Wm. D.  
 Galban, Eugenio

- Gale, Mrs. Thomas K.  
 Gallatin, Albert  
 Gallatin, Mrs. Albert  
 Gallatin, Miss Beatrice  
 Gallatin, Goelet  
 Gallowhur, W. G.  
 Gamble, Mrs. C. B.  
 Gambrill, Mrs. Richard  
 Gammell, R. H. Ives  
 Gans, Howard S.  
 Gantz, Aaron  
 Gardiner, Miss Ann Henshaw  
 Gardiner, Miss Sarah D.  
 Garlin, Louis F.  
 Garnjost, F. W.  
 Garrard, Miss Margaret H.  
 Garrett, Miss Laura B.  
 Garrett, Mrs. Thos., Jr.  
 Garrison, Mrs. E. E.  
 Gartland, George E.  
 Garvan, Mrs. F. P.  
 Garver, John A.  
 Gary, Mrs. Elbert H.  
 Gary, I. C.  
 Gaston, Wm. G.  
 Gatti-Casazza, Giulio  
 Gavit, John Palmer  
 Gawtry, Lewis B.  
 Gay, William O.  
 Gaylord, Irving C.  
 Gazan, Simone N.  
 Geddes, John L.  
 Geer, Mrs. Langdon  
 Geer, Walter  
 Geier, Mrs. Frederick A.  
 Geiger, Mrs. Adam K.  
 Geiger, J., M.D.  
 Geissler, Mr. A. R.  
 Geissler, Walter C.  
 Gemmell, John, Jr.  
 Gerdau, Carl  
 Gere, Helen B.  
 Gernon, Frank E.  
 Gerrish, Frank Scott  
 Gerster, Mrs. A. G.  
 Gerster, John C. A.  
 Gibbons, Mrs. Geo. B.  
 Gibb, Mrs. H. E.,  
 Gibb, Dr. W. Travis  
 Gibbons, Mrs. John H.  
 Gibbs, George  
 Gibson, Miss Florence Wier  
 Gibson, Mrs. Harvey Dow  
 Gibson, Jesse R.  
 Gibson, W. Frazer  
 Giesen, Oswald  
 Gifford, E. Garfield  
 Gifford, Mrs. Malcolm  
 Gifford, Walter S.  
 Gilbert, John  
 Gilbert, Mrs. M. B.  
 Gilbert, Mrs. Riley Miles  
 Gilchrist, George R. E.  
 Gill, Kermod F.  
 Gillette, Curtenius  
 Gilman, Samuel P.  
 Gilsey, Margaret  
 Gimbel, Mrs. Bernard F.  
 Gintzler, Morris  
 Given, Wm. B., Jr.  
 Gladding, J. R.  
 Glave, Mrs. G. Y.  
 Glazier, Henry S.  
 Glenn, John M.  
 Glines, E. Stanley  
 Glyn, W. E.  
 Goddard, Conrad G.  
 Goddard, Frederic W.  
 Goddard, Mrs. Morrill  
 Goddard, Ralph  
 Goddard, Mrs. Thomas J.  
 Godfey, Mrs. E. D.  
 Godfrey, Mrs. William S.  
 Godley, George McMurtrie  
 Godwin, Miss Frances B.  
 Goebel, J., Jr.  
 Goetchius, Mrs. J. M.  
 Goetz, Mrs. Joseph Addison  
 Goff, C. W., M.D.  
 Goggin, James C.  
 Goldan, S. Ormond, M.D.  
 Goldberg, Dr. Julius  
 Goldman, Alfred L.  
 Goldman, Julius  
 Goldmann, Nathan  
 Goldmark, Mrs. Emil  
 Goldsmith, Alfred N.  
 Goldsmith,  
     Miss C. Elizabeth  
 Goldsmith, Frederick  
 Goldsmith, Mrs. H. B.  
 Goldsmith, James A.  
 Goldsmith, Kate A.  
 Goldsmith, Mrs. Maurice  
 Goldstone, Lafayette A.  
 Goldwasser, I. Edwin  
 Goldwater, Henry  
 Gonzales, Thomas A., M.D.  
 Good, Dr. Robert  
 Goodfriend, Henry B.  
 Goodfriend, Simon  
 Goodhue, Mrs. Charles E.  
 Goodman, Maurice  
 Goodman, Mrs. S. A.  
 Goodwin, Walter L.  
 Goodwin, Mrs. Walter L.  
 Gordon, Albert H.  
 Gordon, Fred W.  
 Gordon, Mrs. Richard E.  
 Gordon, Walter R.  
 Gordon, Mrs. Wm. S.  
 Goss, Mrs. George A.  
 Gossler, Mrs. Philip G.  
 Götberg, Miss Anna S.  
 Gottheil, Mrs. Paul  
 Gotthold, Arthur F.  
 Gottschaldt, M. Chas.  
 Gould, Edwin  
 Gould, Harry  
 Gould, Lyttleton B. P.  
 Gove, Marguerite  
 Graeb, Victor  
 Graff, Abner  
 Graham, Charles V.  
 Graham, Miss Doris Ann  
 Graham, George A., Jr.  
 Graham, Mrs. George A.  
 Graham, James Varnum  
 Graham, Dr. John C.  
 Grandin, George Wilbert  
 Grant, Adolph  
 Grant, Mrs. David E.  
 Grant, De Forest  
 Grant, E. R.

- Grant, R. M.  
 Grant, William T.  
 Gratz, Anderson  
 Gratz, Frank W.  
 Graupner, William  
 Graves, Henry, Jr.  
 Graves, Henry S.  
 Gray, Albert Z.  
 Gray, Henry G.  
 Gray, Miss Ida M.  
 Gray, Prentiss N.  
 Graydon, Mrs. Clendenen  
 Greeff, Bernhard, Jr.  
 Greeley, Harold Dudley  
 Green, Mrs. A. L.  
 Greenbaum, Mrs. Geo. E.  
 Greenbaum, Lawrence S.  
 Greene, Carleton  
 Greene, Jerome D.  
 Greenebaum, Fred. H.  
 Greenfield, Arthur D.  
 Greenhall, Arthur  
 Greenhut, Benedict J.  
 Greening, Alfred C.  
 Greenlaw, R. W.  
 Greenough, Mrs. Wm.  
 Greenough, William Bates  
 Greenwald, Isidor  
 Greenwood, Mary M.  
 Greer, Louis M.  
 Gregg, Will R.  
 Gregory, Alfred  
 Gregory, Dr. Alice  
 Greist, Mrs. Alva O.  
 Grew, Edward W.  
 Gribbel, Mrs. John  
 Griffin, John W.  
 Griffiths, Albert F., M.D.  
 Griffin, W. V.  
 Grigg, Harry K.  
 Grinnell, E. Morgan  
 Grinnell, Dr. Robt. S.  
 Griscom, Lloyd C.  
 Griswold, Wm. E. S.  
 Gross, Moritz  
 Grossman, Mrs. Edward A.  
 Grueby, Mrs. W. H.  
 Grundner, Mrs. M.  
 Gruner, William C.  
 Grymes, Arthur J.  
 Gude, Edward C.  
 Guenther, Louis  
 Guenzel, Dr. M. R.  
 Guertler, Rudolph  
 Guggenheim, B.  
 Guggenheim, Simon  
 Guggenheim, Mrs. Simon  
 Guggenheim, William  
 Guggenheimer, Jay C.  
 Guillaume, Jules A.  
 Guinzburg, Mrs. Ralph  
 Guinzburg, Mrs. Victor  
 Guiterman, Percy L.  
 Gulden, Mrs. Paul Immo  
 Gulick, Archibald A.  
 Gunari, Andrew P.  
 Gushee, R. A.  
 Guthrie, Mrs. Charles Strong  
 Guthrie,  
     Rev. William Norman  
 Gutierrez, Valeriano  
 Gutman, Abraham L.  
 Gutman, J. W.  
 Gwinn, Ralph W.  
 Gwynne, Arthur C.  
 Gygi, Marie E.  
 Haas, Miss Edith  
 Haas, George C.  
 Haas, Sidney, V., M.D.  
 Haboush, Stephen A.  
 Hackett, Frank S.  
 Hadden, Howard S.  
 Hadley, D. F.  
 Hadley, Mrs. Earl J.  
 Hadley, Miss Edith M.  
 Hadley, Morris  
 Hage, John D.  
 Hager, Robert, Jr.  
 Haggerty, H.  
 Haigh, George C.  
 Haines, Charles D.  
 Haldt, Harry Peale  
 Hale, Dr. Henry E.  
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 Hall, George Gilman  
 Hall, Geraldine C.  
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 Hall, Mrs. J. H., Jr.  
 Hall, Henry J. S.  
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 Hall, William Webster  
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 Halsey, Florence  
 Halsey, Francis R.  
 Halsey, Frederic M.  
 Halsey, Frederick A.  
 Halsey, Herbert D.  
 Halsey, Miss Katherine T.  
 Halsey, Robert H.  
 Halsted, E. Bayard  
 Hamann, Wm. A.  
 Hamerschlag, Royal P.  
 Hamerschlag, Howard J.  
 Hamersley, Louis Gordon  
 Hamilton, Alexander  
 Hamilton, Edward P.  
 Hamilton, Miss E. S.  
 Hamilton, Mrs. George S.  
 Hamilton, John B.  
 Hamilton, Mrs. Morgan  
 Hamilton, Wallace, Jr.  
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 Hammar, F. V.  
 Hammer, Dr. H. F.  
 Hammer, Louis  
 Hammesfahr, W. S.  
 Hammond, Mrs. John Henry  
 Hanauer, Jerome J.  
 Hance, John A.  
 Hancel, Miss Mary A.  
 Hancock, Charles Lea  
 Hancock, E. Woodson, 3d.  
 Hand, C. H., Jr.  
 Handy, H. H. S.  
 Handy, John L.  
 Haney, John D.  
 Hansen, Ferdinand  
 Hanson, Henry Hall  
 Harbison, Wm. Albert  
 Hard, DeCourcy L.  
 Hardart, Miss May  
 Hardenbergh, Mrs. L. R.

- Hardenbergh, Mrs. T. E.  
 Hardenbergh, Mrs. W. P.  
 Hardin, William B.  
 Hardinge, Mrs. H.  
 Hardon, Mrs. Henry W.  
 Hardy, Charles J.  
 Hare, Mrs. C. W.  
 Hare, Mrs. Montgomery  
 Hare, William  
 Hargreaves, Ann  
 Harley, Milton Price  
 Harlow, Arthur H.  
 Harmon, Mrs. Benedict  
 Harmon, Rawson B.  
 Harper, Miss Lillie H.  
 Harrah, Ernest  
 Harrington, Earl W.  
 Harrington, James T.  
 Harris, Abraham  
 Harris, Albert H.  
 Harris, Chas. C.  
 Harris, Charles F.  
 Harris, Frances H.  
 Harris,  
     Rear Admiral Frederic R.  
 Harris, Ida M.  
 Harris,  
     Mrs. Peyton Randolph  
 Harris, Mrs. Victor  
 Harris, Winifred S.  
 Harrison, Bernard J.  
 Harrison, John Randolph  
 Harrison, Philip  
 Harrower, Pascal R.  
 Hart, Alfred S.  
 Hart, Donald G. M.  
 Hart, Henry  
 Hart, Howard S.  
 Hart, Mrs. Jon I.  
 Hart, Lauribel  
 Hart, Walter T.  
 Hart, Wm. Howard  
 Harter, Isaac  
 Hartman, Joel S.  
 Hartmann, Waldemar  
 Hartmann, Waldemar  
 Hartogensis, Alwyn M.  
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 Hartshorn, Dr. W. Morgan  
 Hartshorne, James M.  
 Hartshorne,  
     Mrs. James Mott  
 Harvey, Mrs. Elbert A.  
 Harvey, Raymond  
 Hasbrouck, Henry C.  
 Haskell, Amory L.  
 Hastings, Mrs. T. Mitchell  
 Hatch, Mrs. Harold Ames  
 Hatch, T. A.  
 Hauben, Saul S.  
 Hauser, Samuel M.  
 Havemeyer, Frederick C., 2d.  
 Havemeyer, Henry O., Jr.  
 Havemeyer, John F.  
 Havemeyer, T. A.  
 Haven, J. Woodward  
 Hawkes, Forbes, M.D.  
 Hawkes, George Walter  
 Hawkins, Ashton  
 Hawkins, Mrs. Eugene D.  
 Hawley, Alan R.  
 Hawley, Samuel B.  
 Hay, Randall G.  
 Hayden, Warren S.  
 Haydon, Stansbury  
 Hayes, Alfred  
 Hayes, Henry R.  
 Hayes, Mrs. Max E.  
 Hayes, Dr. Wm. Van Valzah  
 Hayes, Mrs. Wm. Van Valzah  
 Hayflich, Joseph  
 Hays, David S.  
 Hayward, Frederick A.  
 Hayward, J. B.  
 Hazard, Frederick Rowland  
 Hazard, Mrs. R. G.  
 Hazard, Rowland  
 Hazard, T. Pierrepont  
 Hazen, Allen  
 Hazen, George H.  
 Heald, Glen D.  
 Healy, M. A.  
 Hecht, Charles  
 Heck, Dr. Edson R.  
 Heck, George C.  
 Hegeman, Albert Clarence  
 Heide, Henry  
 Heide, Henry, Jr.  
 Heide, Herman L.  
 Heide, Julius A.  
 Heide, William F.  
 Heil, Joseph H.  
 Heilbronner, Mrs. L.  
 Heilner, Mrs. Samuel  
 Heim, Edward  
 Heiman, Dr. Jacob  
 Heiman, Dr. Max  
 Heineman, Bernard  
 Heinz, Howard  
 Heisenberg, Karl  
 Heller, Abraham A.  
 Heller, Herbert C.  
 Heller, Samuel  
 Hellman, Edgar A.  
 Hellman, Henry  
 Hellman, Milo, D.D.S.  
 Helme, Mrs. Geo. A.  
 Helprin, Theodore D.  
 Hemenway, Thomas  
 Heming, Mrs. Charles E.  
 Henderson, A. I.  
 Henderson,  
     Mrs. Alexander Iselin  
 Henderson, Mrs. E. C.  
 Hendrick, Josephine Pomeroy  
 Hendricks, Henry S.  
 Hengerer, Mrs. Charles A.  
 Henney, Keith  
 Henry, F. A.  
 Henry, Miss H. Maud  
 Henry, Miss Margaret  
 Henshaw, Franklin  
 Herman, George  
 Herman, Dr. Harold  
 Herman, I. C.  
 Hermes, Frank J.  
 Hernstadt, William L.  
 Herr, Edwin M.  
 Herreshoff, Francis Lee  
 Herrick, Harold  
 Herrick, Newbold L.  
 Herrick, Mrs. W. W.  
 Herrick, Dr. William W.  
 Herschman, Mrs. Walter R.

- Hershey, Andrew H.  
 Herty, Chas. H.  
 Herz, Fred. W.  
 Herzog, Leo S.  
 Herzog, Miss Nina D.  
 Herzog, Samuel A.  
 Hess, Dr. Alfred F.  
 Hess, Arthur M.  
 Hess, Stephen G.  
 Hess, Victor R.  
 Hessberg, Lena  
 Hessel, Sidney P.  
 Hession, John W.  
 Hetrick, Llewellyn, E., M.D.  
 Hetteix, Jacques  
 Hetzler, Theo.  
 Hewitt, Miss Caroline D.  
 Hewitt, Mrs. E. R.  
 Hewitt, Mrs. Henry M.  
 Hewitt, John Vance  
 Hewitt, Mrs. Lucy W.  
 Hewlett, Mrs. A. W.  
 Hewlett, Louis  
 Hewlett, Walter Jones  
 Heydt, Charles E.  
 Heydt, Herman A.  
 Heye, Carl T.  
 Heyman, David M.  
 Heymann, Albert  
 Heymann, Benjamin  
 Heymann, Everett B.  
 Heymann, Seymour E.  
 Hibbs, Mrs. Russell A.  
 Hickox, Charles R.  
 Hichs, John M. W.  
 Hiddinga, Francois W.  
 Higgins, R. H.  
 Hilder, Moritz  
 Hill, Miss Gertrude  
 Hill, Robert Carmer  
 Hillegas, Milo B.  
 Hilles, Mrs. Charles D.  
 Hillhouse, C. B.  
 Hills, Mrs. James M.  
 Hilyard, George D.  
 Himmelsbach, Charles E.  
 Hinchman, Ralph P.  
 Hindley, Chas. T.  
 Hine, Thomas A.  
 Hines, Walker D.  
 Hird, Miss Mary E.  
 Hirsch, Angelo  
 Hirsch, Chas. S.  
 Hirsch, Mrs. Walter A.  
 Hirschhorn, Fred  
 Hirschland, F. H.  
 Hirschman, Mrs. Jesse  
 Hirsh, Harold M.  
 Hirshfeld, Irving B.  
 Hirshon, Mrs. Charles  
 Hoch, Herman  
 Hochschild, Harold K.  
 Hodenpyl, Annie P.  
 Hodenpyl, Mrs. Eugene  
 Hodgdon, Frederick C.  
 Hodges, Miss Eleanor  
 Hodges, Geo. W.  
 Hoe, Mrs. Robert  
 Hoe, Mrs. Robert, Jr.  
 Hoerber, Paul B.  
 Hoff, Frederick  
 Hoff, Mrs. Samuel  
 Hoffman, Albert L., Jr.  
 Hoffman, Charles W.  
 Hoffman, F. Burrall, Jr.  
 Hoffman, Harry L.  
 Hoffman, W. W.  
 Hoffman, Robert D.  
 Hoffmann, Richard H., M.D.  
 Hofheimer, Lester  
 Hogan, Mrs. Jefferson  
 Hogeboom, Francklyn  
 Hoguet, Mrs. Ramsay  
 Holden, Mrs. Edwin B.  
 Holden, Laurence C.  
 Holden, Mrs. L. Dean  
 Holden, Milton  
 Holden, Richard C.  
 Holland, Nelson C.  
 Hollerith, Geo. C.  
 Hollos, Edmund  
 Holmes, Burton  
 Holmes, Frederick T.  
 Holstein, M. G.  
 Holt, Mrs. Calvert  
 Holt, Mrs. Henry  
 Holt, Mrs. L. Emmett  
 Holt, R. S.  
 Holter, Mrs. E. O.  
 Holton, Charles W.  
 Holz, Julius  
 Holzmaister, L. V.  
 Holzman, A.  
 Holzman, Elkan  
 Homan, B. H.  
 Homan, Mrs. B. H.  
 Homes, Mrs. Henry  
 Hooke, Robert G.  
 Hooker, Mrs. Elon H.  
 Hooker, Mrs. Ransom S.  
 Hoopes, Maurice  
 Hope, Norman S.  
 Hope, Walter E.  
 Hopkins, A. A.  
 Hopkins, Miss Augusta D.  
 Hopkins, John J.  
 Hopkinson, Ernest  
 Hopkinson, John N.  
 Hoppin, G. Beekman  
 Hoppin, Mrs. W. W., Jr.  
 Horch, Louis L.  
 Hord, John H.  
 Horn, John M.D.  
 Horne, Hon., W.E., M. P.  
 Hornor, J. W.  
 Horowitz, Dr. Philip  
 Horr, L. Wm.  
 Hoskier, H. C.  
 Hotchkiss, Miss Esther S.  
 Hotchner, Bernard  
 Houghton, Miss Leora  
 Houghton, Seymour Phillips  
 House, Edward M.  
 House, Miss Florence E.  
 House, Victor  
 Housman, Clarence J.  
 Hovet, Henry A.  
 Howard, John K.  
 Howe, George  
 Howells, Mrs. John  
 Howells, William White  
 Howes, Mrs. Reuben  
 Howland, Silas W.  
 Howson, Mrs. Roger S.



- Hoyer, F.  
 Hoyt, Miss Anne Sherman  
 Hoyt, Mrs. Anson P. S.  
 Hoyt, C. Sherman  
 Hoyt, Geo. H.  
 Hoyt, Geo. S.  
 Hoyt, Henry R.  
 Hoyt, Mrs. John Sherman  
 Hoyt, Mrs. Richard F.  
 Hoyt, Sherman Reese  
 Hoyt, Miss Virginia Scott  
 Hubbard, Mrs. Charles W.  
 Hubbard, Mrs. G. M.  
 Hubbard, Louis B.  
 Huber, Mrs. J. M.  
 Huber, Kathryn Louise  
 Huberth, Harry G.  
 Huddleston, Carrol H.  
 Hudson, Marjorie, V. L.  
 Hudson, Paul H.  
 Hudson, Miss Sara K.  
 Huey, Howard  
 Huffman, Dr. Otto V.  
 Huger, Daniel E.  
 Hughes, Charles E., Jr.  
 Hughes, John C.  
 Hughes, Mrs. John Chambers  
 Hugo, Victor  
 Hulskamp, Helena A.  
 Hulswit, Frank T.  
 Humphrey, Martha K.  
 Humphreys, Frederic E.  
 Humphreys, Mrs. George H.  
 Humphrys, Mrs. Julian  
 Hunt, Henry T.  
 Hunt, Lucy  
 Hunt, Richard H.  
 Hunt, Seth B.  
 Hunt, Mrs. Thomas  
 Hunt, William F.  
 Hunter, Jeremiah  
 Hunter, Malcolm Du Bois  
 Hunter, Stephen C.  
 Huntington, Mrs. Francis C.  
 Huntington, Henry Strong  
 Huntington, Mrs. R. P.  
 Huntington, Robert P.  
 Hüpfel, Adolph G.  
 Hüpfel, Chris. G.  
 Hüpfel, J. Chr. G.  
 Hurd, Dr. Lee M.  
 Hurd, Edward A.  
 Hurd, R. M.  
 Hurlbut, Miss Margaret C.  
 Hurst, Mrs. Albert Edward  
 Hurt, Mrs. R. Wray  
 Hutcheson, Ernest  
 Hutcheson, Wm. A.  
 Hutchins, A. S.  
 Hutchins, Harley D.  
 Hutchins, R. G.  
 Hutchison, Charles F.  
 Hutzler, George H.  
 Huyler, C. D.  
 Huyler, David  
 Hyacintha, Sister M.  
 Hyatt, A. M.  
 Hyde, A. Fillmore  
 Hyde, E. Francis  
 Hyde, Mrs. Francis de Lacy  
 Hyde, Mrs. Frederick E.  
 Hyde, Miss Hazel  
 Hyde, Seymour Worrall  
 Hyman, Abraham, M.D.  
 Hyman, Edwin C.  
 Hyman,  
     Harold Thomas, M.D.  
 Hynard, William C.  
 Ignazowski, Miss Josaphine  
 Ill, Edgar A.  
 Ill, Edward J.  
 Imboden, Harry M.  
 Ingalls, Fay  
 Ingalls, Mrs. George H.  
 Ingalls, Roscoe C.  
 Ingersoll, Mrs. Marion Crary  
 Ingraham, Mrs. George  
 Ingraham, Geo. L.  
 Ingraham, Mrs. Phoenix  
 Ingram, Ernest S.  
 Innes, O. G.  
 Inslee, Edwin W.  
 Irons, Robert Hatfield  
 Irving, Mrs. Emmet W.  
 Irving, Mrs. L. du Pont  
 Irwin, William Fletcher  
 Isaacs, Stanley M.  
 Iselin, C. Oliver  
 Iselin, Mrs. C. Oliver  
 Iselin, Miss Georgine  
 Iselin, Wm. E.  
 Iselin, Mrs. William E.  
 Iselin, Wm. O'D.  
 Iseman, Percy R.  
 Isham, Phillips  
 Isham, Mrs. Wm. B.  
 Ising, Charles Eugene  
 Israel, Milton J.  
 Jaches, Leopold  
 Jackson, Mrs. C. D.  
 Jackson, Francis DeMilt  
 Jackson, Mrs. Frederic W.  
 Jackson, Frederick W.  
 Jackson, Percy  
 Jackson, Robert F.  
 Jackson, Samuel  
 Jacob, Emanuel  
 Jacobs, E. Louis  
 Jacobs, Harold H.  
 Jacobsen, Laura  
 Jacobus, John S.  
 Jacoby, Dr. Geo. W.  
 Jacoby, George W.  
 Jaeckel, Albert F.  
 Jaffray, Mrs. Robert  
 Jahn, Alfred P.  
 Jais, Jacob D.  
 Jalkut, Sydney S.  
 James, Mrs. Ellerton  
 James, Ellery S.  
 James, Henry  
 James, Mrs. Henry  
 James, Oliver B.  
 James, Mrs. Thos. Marshall  
 James, Mrs. Walter B.  
 Jameson, Mrs. Edwin C.  
 Janzen, Ed.  
 Janvrin, Edmund R. P., M.D.  
 Jarcho, Dr. Julius  
 Jaretzki, Mrs. Alfred  
 Jarvis, N. S., M.D.  
 Jeanes, Mrs. Isaac W.

- Jeffcott, R. C.  
 Jefferson, John Percival  
 Jenkins, A. C.  
 Jenkins, Alfred W.  
 Jenkins, William G.  
 Jenks, Mrs. Edwin Brown  
 Jenks, Randolph  
 Jenks, Mrs. Robert I.  
 Jennings, Miss A. B.  
 Jennings, Louis B.  
 Jennings, Percy H.  
 Jennings, Mrs. Percy Hall  
 Jennings, Mrs. Walter  
 Jephson, George S.  
 Jermain, Miss M. C.  
 Jervey, Huger W.  
 Jessup, Everett Colgate  
 Jewett, Frank B.  
 Jewett, George L.  
 (In Memoriam)  
 Jewett, Rutger Bleecker  
 Jobling, James W., M.D.  
 John, Robert  
 Mrs. Clara Sturges Johnson  
 Johnson, Prof. Douglas W.  
 Johnson, F. Elmer, M.D.  
 Johnson,  
 Mrs. Frederick Morgan  
 Johnson, Frederick R.  
 Johnson, George B.  
 Johnson, Gilbert H.  
 Johnson, H. Herbert  
 Johnson, Julius M.  
 Johnson, Leeds  
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 Johnson, Mrs. S. Pitney  
 Johnson, Sidney, Jr.  
 Johnson, Ward L.  
 Johnson, Wm. C., M.D.  
 Johnston, J. Herbert  
 Johnston, Mrs. J. Herbert  
 Johnston, Dr. Marius E.  
 Jonas, Coloman  
 Jonas, John  
 Jonas, Ralph  
 Jones, Mrs. Adam Leroy  
 Jones, Arthur J.  
 Jones, Bassett  
 Jones, Mrs. Cadwalader  
 Jones, Daniel W., Jr.  
 Jones, DeWitt Clinton  
 Jones, Mrs. E. Lester  
 Jones, Edwin Artimus  
 Jones, Emily L.  
 Jones, Ernest L.  
 Jones, Francis C.  
 Jones, Frank Morton  
 Jones, Geo. Miller  
 Jones, H. Kirkland, Jr.  
 Jones, J. Frederick  
 Jones, Marvin F., M.D.  
 Jones, Mrs. Paul T.  
 Jones, Robcliff V.  
 Jones, Samuel B.  
 Jones, T. Catesby  
 Jones, W. Strother  
 Jones, William B.  
 Joost, Sherman B.  
 Joseph, Brother James  
 Joseph, Mrs. John A., Jr.  
 Joseph, Theodore H.  
 Jowett, Mrs. James H.  
 Judson, Henry I.  
 Judson, Mrs. Wilbur  
 Judson, William D.  
 Julian, R. L.  
 Kahle, Mrs. Julie  
 Kahn, Arthur J.  
 Kahn, Chas. M.  
 Kahn, Gilbert W.  
 Kahn, Mrs. Gilbert W.  
 Kahn, L. Miller, M.D.  
 Kahn, Montifiore G.  
 Kahn, Otto H.  
 Kahn, Walter N.  
 Kahrs, W. H., M.D.  
 Kalbfleisch, Augusta S.  
 Kallman, Max S.  
 Kalvin, Nathan  
 Kane, Mrs. De Lancey  
 Kane, Miss Sybil Kent  
 Kann, N.  
 Kanowitz, S. B.  
 Kappes, Herman  
 Karagheusian, Arshag  
 Karelsen, Frank E., Jr.  
 Karsch, Bernard  
 Kaskel, Max  
 Kasper, Joseph P.  
 Kassing, Edwin S.  
 Kastor, Adolph  
 Kates, Jerome S.  
 Katzman, J.  
 Kaufman, Mrs. Benj. H.  
 Kaufmann, Mrs. Charles B.  
 Kaufmann, Donald  
 Kaufmann, Ernst B.  
 Kaufmann, H. M.  
 Kaufmann, Irma H.  
 Kaufmann, Mrs. M. J.  
 Kaufmann, Max  
 Kaufmann, Otto  
 Kaye, Mrs. E. D.  
 Kayser, Henry A.  
 Keagey, Esther  
 Kean, Mrs. Hamilton Fish  
 Kean, John  
 Kean, Mary Alice Barney  
 Kean, Robert Winthrop  
 Kebler, Leonard  
 Keech, Mrs. Frank Browne  
 Keeler, Mrs. Charles Bradley  
 Keen, Mrs. Frank H.  
 Keen, Mrs. Herbert Beers  
 Keeny, Amelia S.  
 Keep, C. H.  
 Kehoe, Robt. P.  
 Keiser, George Camp  
 Keith, Mrs. Minor C.  
 Keller, Joseph F.  
 Keller, Morris  
 Kelley, Cornelius F.  
 Kelley, Nicholas  
 Kellogg, Charles W.  
 Kellogg, Mrs. Frederic R.  
 Kellogg, L. D.  
 Kellogg, Mrs. Morris W.  
 Kellogg, R. S.  
 Kellogg, Dr. Wm. A.  
 Kelly, Charles P.  
 Kelly, Howard A., M.D.  
 Kelly, J. S.

- Kelsey, Fredk. W.  
 Kempf, E. J.  
 Kempner, Elias  
 Kempner, Sigmund Marshall  
 Kendall, W. Floyd  
 Kendrick, Allen B.  
 Kennedy, Edward G.  
 Kennedy,  
     Mrs. H. Van Rensselaer  
 Kennedy, James J.  
 Kennelly, Major William  
 Kennerley, Mrs. M.  
 Kennerly, M. M.  
 Kent, Edward G.  
 Kent, Edwin C.  
 Kent, G. H.  
 Kent, Peter Lorillard  
 Kent, Warner W.  
 Kenyon, John N.  
 Keppel, David  
 Keppel, F. P.  
 Kernan, John D.  
 Kerr, Mrs. Allan H.  
 Kerr, E. Coe  
 Kerr, John Clapperton  
 Kerrison, Dr. Philip D.  
 Kessel, Leo, M.D.  
 Kueffel, W. G.  
 Kidder, H. Maynard  
 Kilsheimer, James B., Jr.  
 Kimball, Edward A.  
 Kimball, W. Eugene  
 King, Arklay  
 King, Mrs. Arklay  
 King, C. Daly  
 King, Charles S.  
 King, Mrs. Edward  
 King, H. Thorn, Jr.  
 King, Herbert T.  
 King, Miss Isabella C.  
 King, James Gore  
 Kingsford, Daniel P.  
 Kingsford, Miss Margaret S.  
 Kingsley, Darwin P., Jr.  
 Kingsley, W. M.  
 Kinloch, Mrs. Alexander D.  
 Kinney, Constance  
 Kinney, Margaret C.
- Kinney, Morris  
 Kinney, Warren  
 Kip, W. Ruloff  
 Kip, William F.  
 Kirby, Hayward S.  
 Kirby, Sarah L.  
 Kirchner, Mrs. Manja  
 Kirkham, William B.  
 Kiser, John W.  
 Kissel, Mrs. G. E.  
 Kissel, W. Thorn  
 Kissel, Mrs. W. Thorn  
 Kitchel, Allan F.  
 Kitchen, Mrs. V. C.  
 Kittredge, George W.  
 Kittredge, S. Dana  
 Klamann, Philip  
 Klee, Sigmund  
 Klein, Adolph  
 Klein, D. Emil  
 Klein, Dr. Eugene  
 Klein, Leo M.  
 Kleinberger, François  
 Klingenstein, Charles  
 Kloh, Alphonse  
 Klugman, Julius  
 Knapp, Joseph P.  
 Knapp, William Jared  
 Kneeland, Miss A.  
 Knight, Harry E.  
 Knight, Mrs. J. P., Jr.  
 Knipe, Miss E. V.  
 Knobloch, Henry F. J.  
 Knobloch, Mrs. Henry F. J.  
 Knoedler, Roland F.  
 Kovaleff, Miss Augusta  
 Knowlton, Eben B.  
 Knowlton, Peter  
 Knox, Samuel  
 Koch, Lucile Renée  
 Koch, William T.  
 Koehn, Walter H.  
 Kohlberg, Alfred  
 Kohler, Miss M. E.  
 Kohn, Albert M.  
 Kohn, Emil W.  
 Kohn, Sol  
 Kohn, Mrs. Walter T.
- Kohns, I. D.  
 Kohnstamm, Lothair S.  
 Koles, Henry M., M.D.  
 Kollstede, Charles A.  
 Konta, Alexander  
 Koon, R. B.  
 Kopetzky, Samuel J., M.D.  
 Kops, Max  
 Kops, Mrs. Max  
 Korn, Robert  
 Kosmak, Geo. W., M.D.  
 Kovacs, Dr. Richard  
 Kraft, Frank  
 Krakeur, Arthur F.  
 Krakeur, Jacques  
 Krause, Holger E.  
 Krech, Mrs. Shepard  
 Kreischer, Miss Louise  
 Kremer, Mrs. William]N.  
 Kress, Claude W.  
 Kress, Mrs. Claude W.  
 Kress, R. H.  
 Kridel, Alexander H.  
 Kridel, Mrs. Samuel  
 Krippendorf, Mrs. Karl  
 Krippner, William  
 Krock, Arthur  
 Kroehle, Fred W.  
 Krolik, Day, Jr.  
 Kronthal, Leon H.  
 Kropff, W. F.  
 Kudlich, H. C.  
 Kudlich, Hans E., M.D.  
 Kufeld, Max  
 Kugelman, Julius G.  
 Kuhn, Arthur K.  
 Kuhn, August  
 Kuhn, Edward  
 Kuhn, Julius  
 Kumpf, George L.  
 Kunhardt, Mrs. Henry R.  
 Kunhardt, Kingsley  
 Kupfer, Miss Grace H.  
 Kurz, George A.  
 Kurzman, Charles C.  
 Kuser, Mrs. Anthony R.  
 Kuser, John Dryden  
 Kuttroff, Adolf

Labrot, William H.  
 Lackey, James B.  
 Ladd, William Sargent, M.D.  
 La Dow, Stanley V.  
 Laevens, Achilles  
 Lagai, Dr. G.  
 Lage, Frederico  
 Lagemann, C.  
 Lagowitz, Miss H. L.  
 Laing, Mrs. George  
 Laird, Grace  
 Lamar, Mrs. Julian  
 Lamarche, Mrs. Henry J.  
 Lamb, Dr. Albert R.  
 Lamb, Gilbert D.  
 Lambelet, Mrs. H.  
 Lamberson, Mrs. T. M.  
 Lambert, Adrian V. S.  
 Lambert, Alexander  
 Lambert, Mrs. Robert K.  
 Lambert, Samuel W.  
 Lambert, Vitus C.  
 Lambie, W. S.  
 Lamont, Thomas S.  
 Lamphear, Annette E., M.D.  
 Lancashire, Mrs. J. H.  
 Lanchner, Dr. S. H.  
 Landon, Francis G.  
 Landsman, Samuel M., M.D.  
 Lane, Charles J.  
 Lane, Mrs. Edward V. Z.  
 Lane, Melvin  
 Lane, Wolcott G.  
 Lang, Mrs. Carl  
 Lang, Edmund L.  
 Langben, H. Alfred  
 Lange, Gustav, Jr.  
 Langeloth, Mrs. Jacob  
 Langley, Mrs. William C.  
 Langmann, Mrs. G.  
 Lanier, Reginald B.  
 Lanigan, William J., Jr.  
 Lanman, J. T., Jr.  
 Lanman, Jonathan T.  
 Lansing, Mrs. G. Y.  
 Lapham, Lewis H.  
 Larkin, Mrs. Adrian H.  
 Larkin, Alice  
 Larkin, Francis Yoakum  
 Larner, Wm. Angamar  
 la Rosa, Carlos, Jr.  
 Lathers, Miss Ida  
 Lathers, Miss Julia  
 Lathrop, Alanson P.  
 Latshaw, Stanley R.  
 Lattimore, Miss F. L.  
 Latting, Miss Helen L.  
 Laucks, S. Forry  
 Lauer, Edgar J.  
 Lauten, Henry G. F.  
 Lavelle, M. J.  
 Lawrence, Arthur B.  
 Lawrence, John L.  
 Lawrence, Miss Margaret  
 Lawrence, Townsend  
 Layman, Mrs. David T., Jr.  
 Leach, Mrs. Henry G.  
 Leach, Henry Goddard  
 Leale, Charles A., M.D.  
 Leavitt, Mrs. Charles W.  
 Leavitt, Miss Charlotte  
 Leavitt, Gordon  
 Leaycraft, Edgar C.  
 Ledyard, Mrs. Lewis Cass  
 Lee, Albert M.  
 Lee, Mrs. Arthur  
 Lee, Mrs. Burton J.  
 Lee, Mrs. Burton J., Jr.  
 Lee, Mrs. Cornelius S.  
 Lee, Frederic S.  
 Lee, Dr. Henry T.  
 Lee, Ivy L.  
 Lee, Dr. Marguerite T.  
 Lee, R. E.  
 Lee, Ralph Everett  
 Lee, Samuel  
 Leewitz, Adolph  
 Lefferts, Mrs. Barent  
 Legg, Mrs. George  
 Lehmaier, James M.  
 Lehmaier, Mrs. Louis A.  
 Lehman, Arthur  
 Lehman, Harold M.  
 Lehman, I. Howard  
 Lehman, Irving  
 Lehman, Mrs. Sigmund M.  
 Leichter, Abraham  
 Leighton, Geo. Eliot  
 Leipziger, Miss Pauline  
 Leitner, Emil  
 Leland, Mrs. Amory  
 Lemaire, Florence O.  
 Lemp, Louis  
 Lenz, Carl Philip  
 Lenz, Maurice, M.D.  
 Leonard, Clifford M.  
 Leonhardt, F. H.  
 Leon, Harry  
 Léon, Maurice  
 Lerner, Michael  
 Lerner, Samuel A.  
 LeRoy, Mrs. Frederick G.  
 Le Roy, Mrs. K. M.  
 LeRoy, Dr. Louis C.  
 Leserman, Philip, Jr.  
 Lesser, Mrs. S. D.  
 Lester, A. Edward  
 Lester, William C.  
 Levene, Alexander  
 Levenson, Edward, D.D.S.  
 Levey,  
     Miss Margaret Bispham  
 Levi, Mrs. Albert A.  
 Levi, Mrs. Carl  
 Levi, George  
 Levi, Philip J.  
 Levison, J. J.  
 Levy, B. E.  
 Levy, Edgar A.  
 Levy, Ephraim B.  
 Levy, Jacob  
 Levy, John  
 Levy, Leo  
 Levy, Louis S.  
 Levy, Louis Spencer  
 Levy, Max J.  
 Levy, Moe  
 Lewis, A. Nelson  
 Lewis, Mrs. Arthur M.  
 Lewis, Mrs. August  
 Lewis, Mrs. Bird  
 Lewis, C.  
 Lewis, Edward J.  
 Lewis, Mrs. Eugene

- Lewis, Fred. E.  
 Lewis, Mrs. Frederic Elliott  
 Lewis, Liston L.  
 Lewis, Miss Margaret E.  
 Lewis, Read  
 Lewis, Mrs. Roger  
 Lewis, Mrs. R. J.  
 Lewisohn, Miss Irene  
 Lewisohn, Sam A.  
 Lewisohn, Mrs. Samuel A.  
 Lexow, Mrs. Allan  
 Leyden, James A.  
 Lichtenberg, Samuel  
 Lichtenhein, Louis  
 Lichtenstein, Louis Boyd  
 Lieb, Charles C., M.D.  
 Lieber, Dr. Hugo  
 Liebert, Chas. H.  
 Liebmann, Alfred  
 Liebmann, Robert E.  
 Liebmann, Samuel  
 Lilienthal, Dr. Howard  
 Lillibridge, Harrison  
 Limburg, Herbert R.  
 Linck, Victor  
 Lincoln, Edmond E.  
 Lincoln, Frederic W.  
 Lincoln, Jackson Steward  
 Lincoln, Mrs. Lowell  
 Lindeman, Dr. Howard E.  
 Lindenmeyr, Fritz  
 Lindley, Allen L.  
 Lindsey, Edward  
 Lion, Oscar  
 Lipman, Walter L.  
 Lippincott, Miss M. T.  
 Lippman, Richard W.  
 Lips, Hermann J.  
 Lisman, Frederick J.  
 Lissauer, Robert  
 Lissberger, Milton L.  
 Littauer, Lucius N.  
 Littell, Miss Elizabeth D.  
 Little, Mrs. Arthur W.  
 Little, Bascom  
 Little, Clarence D.  
 Little, Duncan MacD.  
 Little, Mrs. Elliotte  
 Little, John W.  
 Litwin, Mrs. M. A.  
 Livingston, Miss A. P.  
 Livingston, Henry S.  
 Livingston, Louis  
 Livingston, Philip  
 Livingston, Sol  
 Lloyd, Mrs. Francis G.  
 Lobenstine, Mrs. Wm. C.  
 Lobo, C.  
 Lobsenz, Jacob Munter, M.D.  
 Lobsitz, Maurice  
 Locherer, Agnes L.  
 Locke, Mrs. Robinson  
 Lockwood, Dr. George Roe  
 Lockwood, Mrs. Mary Isabel  
 Loeb, Benj. W.  
 Loeb, C. M.  
 Loeb, J.  
 Loeb, Mrs. Morris  
 Loeb, Mrs. William  
 Loebel, Andrew W.  
 Loew, Miss Florence  
 Loewenthal, Walter  
 Logan, Lorens  
 Logan, Mrs. Victor W.  
 Logan, Mrs. W. J.  
 Long, Miss Emilie O.  
 Long, Mary Fraser  
 Longfellow, Frederick W.  
 Look, Edward Townsend  
 Loomis, Mrs. Alfred F.  
 Loomis, Homer L.  
 Lopez, J. E.  
 Lord, Chester S.  
 Lord, Daniel M.  
 Lord, Miss Dorothy C.  
 Lord, Wm. G.  
 Lorenz, Mrs. Leo  
 Lorsch, Arthur  
 Lorsch, Henry  
 Loud, Lingard  
 Lough, James E.  
 Lough, W. H.  
 Loughran, Robert L., M.D.  
 Lounsbery, Richard  
 Lovell, Charles J.  
 Lovering, J. S.  
 Lovett, R. S.  
 Lovett, Robert A.  
 Low, Mrs. Clarence  
 Low, E. Herrick  
 Low, Miss L. H.  
 Low, Mrs. Paul H.  
 Low, Mrs. W. Gilman, 3d.  
 Lowell, J. B.  
 Lowenstein, Oscar  
 Lowenstein, Solomon  
 Lowenthal, Alfred  
 Lowndes, M. E.  
 Lowrey, Mrs. G. C. W.  
 Lowther, Christopher M.  
 Lucas, Kenneth B.  
 Luckey, Charles P.  
 Ludington, Dr. Robert B.  
 Ludlow, Mrs. Banyer  
 Ludlum, C. A.  
 Ludvigh, Elek John  
 Lueder, C. G.  
 Lueder, E. L.  
 Lufkin, E. C.  
 Luithe, C. F.  
 Luke, Adam K.  
 Luke, David L.  
 Lumb, Henry A.  
 Lummis, Benjamin Rush  
 Lundquist, Miss G.  
 Luquer, Lea Shippen  
 Lurie, John, Jr.  
 Lusk, Miss Anna H.  
 Lusk, Graham  
 Luykx, Mrs. N. G. N.  
 Lyeth, J. M. R.  
 Lyeth, John C.  
 Lyman, Grace Greenleaf  
 Lyman, Robert H.  
 Lynch, Mrs. John H.  
 Lynch, M. H.  
 Lynn, Francis  
 Lyon, Elinor L. P.  
 Lyon, Theo. E.  
 Lyon, Tracy  
 Maas, Milton A.  
 Mabon, J. B.  
 MacCracken,  
     Mrs. George Gere  
 MacCurdy, George Grant  
 MacDonald, George

- Macdonald, Ranald H.  
 MacDowell, F. M.  
 Macdowell, W. G.  
 MacFadden, C. Kendrick  
 MacKnight, Mrs. Lydia E.  
 Mack, Arthur C.  
 Mack, Arthur J.  
 Mack, Fred A.  
 Mack, Harry  
 Mack, Julian W.  
 MacKee, Geo. M.  
 Mackenzie, Kenneth K.  
 Maclay, Mrs. Alfred Barmore  
 Maclean, Joseph B.  
 Macleod, William P.  
 MacMurray, C. F.  
 MacVeagh, Ewen Cameron  
 Macy, T. Ridgway  
 Macy, W. Kingsland  
 Maddaus, Ingo, Jr.  
 Maddaus, Paul  
 Madden, William Jay  
 Madeira, Percy C.  
 Mager, F. Robert  
 Magnin, E. John  
 Mainzer, Mrs. Herbert R.  
 Mainzer, Robert H.  
 Mairs, Mrs. Edwin H.  
 Mairs, Mrs. Olney B.  
 Malburn, Wm. P.  
 Mallet-Prevost S.  
 Mallory, Mrs. Charles  
 Malone, L. Wm.  
 Maloney, Robert W.  
 Manchester, Percival  
 Mandell, K.  
 Manheims, Perry J., M.D.  
 Manley, Mrs. H. D.  
 Mann, Otto  
 Mann, S. Vernon  
 Mansfield, Howard  
 Manship, Paul  
 Mantle, J. G. C.  
 Manville, H. Estelle  
 Manville, H. E., Jr.  
 Manz, Gustav  
 Mapes, Eugene E.  
 Marble, William A.  
 Marbury, Miss Elisabeth  
 Marckwald, A. H.  
 Marcus, B. K.  
 Marcus, Mrs. W. E., Jr.  
 Marcuse, Alexander J.  
 Marino, A. J.  
 Marion, Pierce  
 Markel, Lester  
 Marker, Dr. J. P. H.  
 Markle, John  
 Markoe, Mrs. James W.  
 Marks, Lawrence H.  
 Marsh, Charles Capron  
 Marsh, John B.  
 Marsh, Spencer S.  
 Marshall, Mrs. Caroline Clark  
 Marshall, Charles A.  
 Marshall, Charles C.  
 Marshall, Robert P.  
 Marshall, Mrs. Wm. W.  
 Marston, Edgar L.  
 Marston, Mrs. W. L.  
 Martin, Alexander T., M.D.  
 Martin, Bradley  
 Martin, Mme Cecil Camille  
 Martin, Edward J.  
 Martin, Mrs. George W.  
 Martin, Mrs. Grinnell  
 Martin, Henry C.  
 Martin, Mrs. Howard T.  
 Martin, Robert W.  
 Martin, Thomas W., M.D.  
 Martin, Walton, M.D.  
 Marty, Jemuel G.  
 Marvin, David M.  
 Marvin, Langdon Parker  
 Marvin, Mrs. Walter R.  
 Marwig, Carl H.  
 Marx, Charles  
 Masback, Robert J.  
 Mason, Colonel Charles H.  
 Mason, Charles N.  
 Mason, Miss Fanny P.  
 Mason, James  
 Mason, M. D.  
 Mason, Mrs. Thomas A.  
 Massey, Mrs. George  
 Massey, Miss Harriet F.  
 Masters, Sarah W.  
 Mastin, Mrs. J. Edward  
 Mather, Samuel  
 Mathewson, Charles E.  
 Mattison, Mrs. E. D.  
 Mausolf, Mrs. Paul  
 Maxwell, Henry L.  
 Maxwell, Howard W.  
 May, George O.  
 May, Lewis H.  
 May, Richard B.  
 Mayer, Albert  
 Mayer, Charles  
 Mayer, Mrs. John Adams  
 Mayer, Joseph L. B.  
 Mayer, Josh. W.  
 Mayer, Dr. Leo  
 Mayer, M. R.  
 Mayer, Nelson B.  
 Mayers, Lawrence S.  
 Mayhoff, Monroe  
 Maynard, Mrs. Richard F.  
 Maynard, Robert W.  
 Maxey, Mrs. Thomas S.  
 Mazur, Mrs. Paul M.  
 McAfee, William R.  
 McAlpin, B. B.  
 McAlpin, Dr. D. H.  
 McAlpin, Mrs. Geo. L.  
 McAlpin, Kenneth R., M.D.  
 McBride, Geo. C., D.D.S.  
 McBride, John S.  
 McBride, Malcolm L.  
 McBride, Wm. M.  
 McCabe, Mrs. Gertrude B.  
 McCagg, Loius B., Jr.  
 McCall, Leo H.  
 McCanliss, Lee  
 McCaughey, Henry G.  
 McCloy, John J.  
 McClure, Samuel G.  
 McCook, Philip J.  
 McCormick-Goodhart, L.  
 McCormick, Mrs. Medill  
 McCourt, James  
 McCourt, W. Frank  
 McCrea, Nelson G.  
 McCrea, W. S. (In Memoriam)

- McCready, Robert L., M.D.  
 McCreery, Henry Forbes  
 McCulloh, Charles S.  
 McCulloh, James S.  
 McCullough, W. G.  
 McCurdy, Robert H.  
 McCutchen, Chas. W.  
 McDonald, C. Eric W.  
 McDonnell, Hubert  
 McDuffie, Marshall William  
 McElheny, Victor K., Jr.  
 McFadden, Mrs. W. A.  
 McFarland, Warren C., M.D.  
 McGaffin, Chas. G., M.D.  
 McGee, Walter M.  
 McGovern, Mrs. Coleman B.  
 McGrath, Mrs. Sims  
 McGraw, Mrs. Donald  
 McGraw, Stanley D.  
 McGregor, Robert  
 McGuire, Miss Grace  
 McIlhenny, E. A.  
 McIlroy, George A.  
 McIlvaine, Tompkins  
 McKay, R. G.  
 McKee, Mrs. Henry Sellers  
 McKee, Mrs. Wm. L.  
 McKelvey, Mrs. Susan Delano  
 McKelvy, Robert  
 McKenney, Henry P.  
 McKeown, Matilda J.  
 McKernon, Dr. Jas. F.  
 McKim, Anthony L.  
 McKim, Le Roy  
 McKinley, Lindsay P.  
 McLane,  
     Miss Sophie Hoffman  
 McLane, Thomas S.  
 McLane, Mrs. W. Lawrence  
 McMahan, Rev. Joseph H.  
 McManus, Edward F.  
 McMaster, Mrs. Philip  
 McNair, William  
 McNaugher, David W.  
 McNeir, George  
 McNeir, Thomas S.  
 McParlan, Dr. John P.  
 McRoberts, Samuel  
 McVickar, Mrs. W. Bard  
 Meacham, Alfred B.  
 Mead, Carl A.  
 Mead Charles N.  
 Mead, G. W.  
 Mead, Herbert, Jr.  
 Meeder, Frederick H.  
 Meeks, Howard V.  
 Megargel, Roy C.  
 Meigs, Mrs. Ferris J.  
 Meinhard, Morton H.  
 Meirowitz, Dr. Philip  
 Melander, A. L.  
 Melcher, John S.  
 Mellen, Chase  
 Mellon, E. P.  
 Mellon, Miss Eleanor M.  
 Meloy, Andrew D.  
 Melson, Ralph  
 Melville, Ward  
 Mencke, John H.  
 Mendelsohn, Sigmund  
 Mendelson, Herbert  
 Mendenhall, Rev. H. G.  
 Mendes, George A.  
 Menendez, James  
 Menke, William  
 Menken, Arthur v. B.  
 Menken, Mrs. S. Stanwood  
 Menut, Leroy E.  
 Mercadante, Joseph  
 Mergentime, Mrs. Charles  
 Merle-Smith, Van S.  
 Merle-Smith, Mrs. Wilton  
 Merowit, Clement B.  
 Merriam, Edith W.  
 Merriam, Henry F.  
 Merrihew, George W.  
 Merrill, Edwin G.  
 Merrill, John Lenord  
 Merrill, John R.  
 Merriman, H. Morton  
 Merritt, Dr. Arthur Hastings  
 Merritt, Edward Reeve  
 Merseles, H. E.  
 Merzbach, George  
 Messer, Don V.  
 Messier, G. Albert  
 Messner, Henry Lee  
 Metcalf, Mrs. M. B.  
 Metcalf, Rowe B.  
 Metcalf, Stephen O.  
 Metcalf, Mrs. Walter Willson  
 Metcalf, Z. P.  
 Metcalfe, William C.  
 Metzger, David  
 Meunier, Maurice A.  
 Meyer, Arthur G.  
 Meyer, Arthur S.  
 Meyer, Mrs. Cord, Jr.  
 Meyer, Mrs. Eugene, Jr.  
 Meyer, J. Edward  
 Meyer, Dr. Julian J.  
 Meyer, Julius Paul  
 Meyer, Max  
 Meyer, Robert B.  
 Meyer, Walter E.  
 Meyers, Edwin L.  
 Michalis, C. G.  
 Middleton, Florence  
 Milbank, Albert G.  
 Milburn, Mrs. D.  
 Millard, Hudson  
 Miller, Abraham  
 Miller, Mrs. Alice A.  
 Miller, Andrew J.  
 Miller, Mrs. Charles E.  
 Miller, Clifford L.  
 Miller, Mrs. H. R.  
 Miller, Miss Helen Clarkson  
 Miller, Mrs. Henry Wise  
 Miller, Hoyt  
 Miller, J. E.  
 Miller, Dr. James Alexander  
 Miller, John H.  
 Miller, Leverett S.  
 Miller, Mrs. Roswell  
 Miller, Mrs. Roswell, Jr.  
 Miller, Simon  
 Miller, Spencer, Jr.  
 Miller, William W.  
 Millett, Gardner W.  
 Millett, Stephen C.  
 Millhiser, Mrs. Clarence  
 Milliken, Hugh K.  
 Milliken, Seth M.

- Mills, Dr. Adelaide  
 Mills, Dudley H.  
 Mills, Frederic C.  
 Mills, Harriette Melissa  
 Mills, Henry E.  
 Milmine, Mrs. Charles E.  
 Milne, Clyde  
 Mincer, Arthur  
 Miner, Edward G.  
 Miner, L. Owen  
 Miner, Mrs. Woodin  
 Minford, Levis W.  
 Minor, Mrs. John C.  
 Minot, G. W.  
 Minott, Frederick S.  
 Missir, Martin G.  
 Mitchell, C. E.  
 Mitchell, Mrs. Charles E.  
 Mitchell, Cornelius von E.  
 Mitchell, Henry B., 2d.  
 Mitchell, Mrs. John Ames  
 Mitchell, Mrs. John Murray  
 Mitchell, Walter J.  
 Mitchell, Walter L.  
 Mitchell, Wesley C.  
 Mittenhal, Arnold B.  
 Moffat, Mrs. Douglas M.  
 Moffat, G. B.  
 Moffatt, Mrs. R. Burnham  
 Moffit, Mrs. A. R.  
 Mohlman, Mrs. John H.  
 Moir, Henry  
 Molleson, George A.  
 Monaelesser, Dr. Adolph  
 Monae-Lesser, Mozart  
 Monks, Mrs. George H.  
 Montague, Mrs. Gilbert  
 Montgomery, A. Moore  
 Montgomery,  
     Mrs. Henry Eglinton, 2d.  
 Montgomery, James M.  
 Montgomery, Mrs. Lettie D.  
 Montgomery, Robert H.  
 Montgomery, Wallace  
 Montross, N. E.  
 Moodey, Gertrude  
 Moody, Prof. Herbert R.  
 Moody, William F.
- Moore, Maj. Barrington  
 Moore, Benjamin  
 Moore, Mrs. Casimir de R.  
 Moore, E. A.  
 Moore, Mrs. Eugene M.  
 Moore, Mrs. Edward S.  
 Moore, Frederic P.  
 Moore, Samuel W.  
 Moore, Thomas J.  
 Moore, Wm. S.  
 Moorhead, Dr. J. J.  
 Moos, Elizabeth  
 Moran, Chas.  
 Morawetz, Mrs. Victor  
 Moray, Jere C.  
 Morgan, Miss Anne  
 Morgan, David Percy, Jr.  
 Morgan, E. D.  
 Morgan, Henry  
 Morgan, Hubert S.  
 Morgan, John E. P.  
 Morgan, Shepard A.  
 Morgan, Mrs. Wm. Fellowes  
 Morgan, William O. P.  
 Morgenthau, Henry  
 Morgenthau, Mrs. John L.  
 Morgenthau, Mrs. Henry  
 Morley, A. B.  
 Morrison, Mrs. Samuel A.  
 Morrell, Henry  
 Morris, Mrs. Dave H.  
 Morris, Du Bois S.  
 Morris, Joseph L.  
 Morris, Lawrence  
 Morris, Mrs. L. R.  
 Morris, Lewis Spencer  
 Morris, Miss Lydia T.  
 Morris, Morton  
 Morris, Ray  
 Morrison, A. Cressy  
 Morrison, Mrs. Charles King  
 Morrison, Edward  
 Morrison, I. D.  
 Morrison, W. W., M.D.  
 Morrissey, John P.  
 Morse, Perley  
 Morse, Mrs. R. F.  
 Morss, Mrs. Charles A.
- Morss, Noel  
 Mortimer, Geo. T.  
 Morton, Lindley C.  
 Morton, Mrs. Paul  
 Morton, Quincy L.  
 Moschcowitz, Dr. A. V.  
 Moschcowitz, Eli  
 Mosle, A. Henry  
 Mosle, Max A.  
 Moss, Mrs. Frederick W.  
 Motley, Jas. M.  
 Mott, Mrs. John B.  
 Moran, Chas.  
 Mott, Miss Marian  
 Mowry, Eugene C.  
 Moyer, Albert  
 Muendel, Christina  
 Muhlfeld, Frank J.  
 Mulford, Edwin H.  
 Mulford, Stockton  
 Muller, Carl L.  
 Muller, Erhart  
 Muller-Schall, Fred  
 Mulligan, Edwin C.  
 Mumford, Philip Gordon  
 Mundy, Floyd W.  
 Munn, Gurnee  
 Munn, John  
 Munn, Dr. John P.  
 Munroe, Vernon  
 Munson, C. W.  
 Munson, Frank C.  
 Murnane, George  
 Murphy, Charles F., Jr.  
 Murphy, Deas, M.D.  
 Murphy, Franklin  
 Murphy, G. M.-P.  
 Murphy, Henry Killam  
 Murphy, James B.  
 Murphy, John J.  
 Murphy, Sarah Neely  
 Murphy, Wm. C.  
 Murray, J. Archibald  
 Murray, R. D.  
 Murtaugh, Mrs. E. M.  
 Muschenheim, Fred. A.  
 Mutterperl, Sol.  
 Myers, L.



Myers, Winter W.  
 Myles, Robert C., Jr.  
 Myrick, Julian S.

Nadelman, Elie  
 Nadelman, Mme. Elie  
 Nash, John Burnet  
 Nash, Leo  
 Nathan, Mrs. Frederick  
 Nathan, Harold  
 Nathan, Dr. Philip W.  
 Nathan, Royden L.  
 Naumburg, Walter W.  
 Naumburg, William  
 Necarsulmer, Henry  
 Necarsulmer, Mrs. Henry  
 Neely, Robert T.  
 Neergaard, Dr. A. E.  
 Neeser, John G.  
 Neish, Miss Edythe K.  
 Neitzel, August  
 Nelson, Theodora  
 Nelson, Walter H.  
 Nesmith, James  
 Nesmithy James, 2d.  
 Neuhof, Dr. Harold  
 Neuman, Miss Helen L.  
 Neumann, Julie W.  
 Neumoegen, M. L.  
 Neuscheller, J. L.  
 Neustadt, Mrs. S.  
 Neustadter, L. W.  
 New, Mrs. Sidney  
 Newberry, Truman H.  
 Newbold, Fredc. R.  
 Newborg, M.  
 Newborg, Sidney  
 Newburger, Alfred H.  
 Newburger, Mrs. Lester M.  
 Newbury, F. A.  
 Newcomb, H. T.  
 Newcomb, Mrs. James E.  
 Newcomb, James F.  
 Newcomb, James G.  
 Newcomb, Miss Virginia  
 Newcombe, Mrs. Charles M.  
 Newhouse, Leo  
 Newlon, Jesse H.

Newman, A. L.  
 Newman, Harry S.  
 Newsom, William Monypeny  
 Newton, Mrs. Francis  
 Newton, F. Maurice  
 Newton, Samuel P. S.  
 Nichols, C. W.  
 Nichols, Mrs. Charles Walter  
 Nichols, Edward T.  
 Nichols, Edward T., 4th.  
 Nichols, Francis T.  
 Nichols, S. Van B.  
 Nichols, William B.  
 Nicholson, John E.  
 Nickerson, Hoffman  
 Nickerson, Mrs. John  
 Nicklas, C. Aubrey  
 Nicoll, Charles D.  
 Nicoll, Mrs. Fancher  
 Nicoll, Jean B.  
 Nightingale, Miss Frances N.  
 Niven, John Ballantine  
 Noble, Francis L.  
 Noble, Raymond G.  
 Nobles, Charles C.  
 Nodine, Miss Marguerite L.  
 Noell, Carl  
 Nolan, L. J.  
 Nones, Walter M.  
 Noonan, W. T.  
 Norcross, Grenville H.  
 Norman, Mrs. Bradford  
 Norman, Bradford, Jr.  
 Norman, Edward A.  
 Norrie, Lanfear B.  
 Norrie, Van Horne  
 Norris, Beverly A.  
 Norris, Charles  
 Norris, Miss Fanny  
 North, George B.  
 Northrop, Chas. P.  
 Norton, Mrs. Charles D.  
 Norton, Mrs. Charles M.  
 Norton, Mrs. N. R.  
 Norton, Mrs. Sheridan  
 Noyes, Mrs. D. Chester  
 Noyes, D. Raymond  
 Noyes, Winthrop G.

Nuckols, Henry Wade  
 Nute, Mrs. John W.

Oastler, Dr. F. R.  
 Obermeyer, Jos.  
 O'Brien, Morgan J.  
 Ochs, Adolph S.  
 Ochsen, George A.  
 Odell, William R., Jr.  
 O'Donohue, Joseph J., Jr.  
 Offerman, John  
 Ogden, Charles W.  
 Ogden, Mrs. David B.  
 Ogden, Geo. B.  
 Ogden, J. Edward  
 Ogden, James  
 Ohmes, Arthur K.  
 Oldroyd, Ida S.  
 Olds, George S.  
 Olds, Margaret A.  
 Ollesheimer, Henry  
 Olmsted, Fayette S.  
 Olmsted, M. E.  
 Olney, Elam Ward  
 Oltmann, Clara  
 Olwell, Lee E.  
 Oman, Rear-Admiral J. W.  
 O'Neil, Mrs. James  
 Opdycke, Mrs. Leonard E.  
 Openchowski,  
   Mrs. Mieczyslaw  
 Openyhm, George J.  
 Oppenheim, Laurent  
 Oppenheim, Robert  
 Oppenheimer, Dr. B. S.  
 Oppenheimer, David E.  
 Oppenheimer, Harry C.  
 Oppenheimer, Julius  
 Opper, Edwin M.  
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 O'Reilly, John B.  
 Ormond, Miss Helen C.  
 Orne, Henry M.  
 Orr, William C.  
 Orteig, Raymond  
 Orton, Dr. S. T.  
 Orvis, Edwin W.  
 Osborn, Earl Dodge

- Osborn, Mrs. Frederick H.  
 Osborn, Wm. H.  
 Osborn, Mrs. William H.  
 Osborne, Lester  
 Oshima, Dr. M.  
 Osterholt, Ehler  
 Otheman, Mrs. Francis W.  
 Otis, Charles  
 Otis, Mrs. George L.  
 Otis, Harold  
 Ott, Alexander J.  
 Ottenberg, Dr. Reuben  
 Outhwaite, Leonard  
 Owen, Evan  
 Owens, Wm. E.
- Pace, Homer S.  
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 Packard, C. S. W.  
 Packard, Elizabeth H.  
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 Paddock, Mrs. Robert L.  
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 Page, Miss Mary C.  
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 Paine, Edward S.  
 Paine, Mrs. George Eustis  
 Painter, Dr. H. McM.  
 Palmer, D. Joseph  
 Palmer, Edgar  
 Palmer, Franklin Wheeler  
 Palmer, Herman  
 Palmer, Howard  
 Palmer, Hugh Archer  
 Palmer, Laura A.  
 Palmer, Miss Luella A.  
 Palmer, S.  
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 Paquette, Percy C.  
 Pardee, Ario  
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 Parish, Mrs. Henry  
 Parish, Wainwright  
 Parish, William F.
- Park, Charles F., Jr.  
 Park, F. A.  
 Parker, A. W.  
 Parker, Frank S.  
 Parker, Junius  
 Parker, Winthrop  
 Parkhurst, Miss Helen  
 Parks, Elton  
 Parmentier, Mrs. Elsbeth  
 Pabst  
 Parodi, Dr. Teofilo  
 Parrish, Amos  
 Parson, Hubert Templeton  
 Parsons, Argyll R.  
 Parsons, Bertha R.  
 Parsons, Frank H.  
 Parsons, H. de B.  
 Parsons, Henry  
 Parsons, Mrs. J. Graham  
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 Parsons, Miss M.  
 Parsons, Schuyler L.  
 Parsons, W. U.  
 Parsons, Wm. Barclay  
 Parsons, Wm. Barclay, Jr.  
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 Pasquarelli, Dr. B.  
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 Patterson, Edward C.  
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 Jr.  
 Patterson, Henry S., M.D.  
 Patterson, Joseph Read  
 Patterson, Mrs. Rufus L.  
 Patterson, Stuart H.  
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 Payne, Robert G.  
 Payson, Charles S.  
 Peabody, Elizabeth Barrett  
 Peabody, Lincoln R.  
 Peabody, Stephen  
 Peabody, T. K.  
 Peacock, Charles A.  
 Pearsall, Leigh M.  
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 Peck, Charles E.  
 Peck, E. Stuart
- Peck, Mrs. Laurence F.  
 Peck, Morton R., M.D.  
 Peck, Newton T.  
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 Pedersen, Dr. James  
 Peet, Charles L.  
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 Pelican, C.  
 Pell, Mrs. Alfred Duane  
 Pell, James D.  
 Pell, Mrs. Stephen  
 Pell, Walden  
 Peloubet, Mrs. S. W.  
 Pelzer, B. Henry  
 Pendleton, Arvid M.  
 Pennoyer, Paul G.  
 Pennoyer, Miss Virginia M.  
 Perera, Lionello  
 Perine, William D. N.  
 Perkins, F. Curtis, Jr.  
 Perkins, G. Lawrence  
 Perkins, George W.  
 Perkins, James H.  
 Perkins, Jeanette E.  
 Perrine, Mrs. F. A. ♀  
 Perrow, Jesse  
 Perry, Henry P.  
 Perry, Mrs. Louise M.  
 Perry, O. B.  
 Peskind, Dr. Arnold  
 Peter, Mrs. Armistead, 3d.  
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 Madame Edward McClure  
 Peters, Miss Elizabeth  
 Peters, Mrs. Samuel T.  
 Peters, William Y.  
 Peterson, Andrew  
 Peterson, Fred B.  
 Peterson, Frederick, M.D.  
 Peterson, J. Dudley  
 Pettengill, Jason Seabury  
 Pettress, E. L.  
 Pfeiffer, Timothy Newell  
 Pfender, W. S.  
 Pforzheimer, Carl H., Jr.  
 Pforzheimer, Walter  
 Phelps, Dr. G. M.  
 Phelps, Mrs. Sheffield

- Philipp, Philip B.  
 Phillips, Mrs. Alfred Noroton  
 Phillips, Edna K.  
 Phillips, Frank  
 Phillips, Geo. W., Jr.  
 Phillips, Lawrence  
 Phillips, T. W. S.  
 Phillips, W. Stanwood  
 Phipps, Michael  
 Phraner, Miss Mary Sumner  
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 Pickhardt, William Paul  
 Pier, Roy  
 Pierce, Alice R.  
 Pierrepont, R. Stuyvesant, Jr.  
 Pierrepont, Robert Low  
 Pierrepont, Seth Low  
 Pierson, Mrs. C. W.  
 Pierson, D. H.  
 Pierson, J. Fred  
 Piez, Ernestine  
 Pilliod, James J.  
 Pincus, Alfred  
 Piquet, Lydia S.  
 Pitkin, William Taft  
 Pitman, Gen. John  
 Pitney, Mrs. J. O. H.  
 Place, Mrs. Hermann G.  
 Place, Ransom Y.  
 Plant, Henry B.  
 Platt, Mrs. Charles H.  
 Platt, Miss E. L.  
 Platt, Mrs. Frank H.  
 Platt, Frederick Putnam  
 Platt, Henry B.  
 Platt, Livingston  
 Platzek, M. Warley  
 Plaut, Edward  
 Pless, Martin  
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     Rt. Rev. George Winslow  
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 Poillon, Mrs. Arthur  
 Poillon, Clara L.  
 Polachek, John  
 Polk, Frank L.  
 Polk, Mrs. William M.  
 Pollak, Bernard E.  
 Pollak, Marion H.  
 Pollitzer, Dr. S.  
 Poltchaninoff, Nicholas J.,  
     M.D.  
 Pomroy, H. A.  
 Pond, Miss Florence L.  
 Poole, Mrs. Ernest  
 Poor, Hustace H.  
 Poor, Ruel W.  
 Pope, Mrs. James E.  
 Popham, Henry Meigs  
 Popper, A. W.  
 Popper, Harry J.  
 Popper, Mrs. Wm. C.  
 Porter, Mrs. Rachel Lenox  
 Porter, Willard Hall, Jr.  
 Posner, L. S.  
 Post, Abram S.  
 Post, Andrew J.  
 Post, Mrs. Carroll J., Jr.  
 Post, Charles K.  
 Post, Robert C.  
 Post, Sylvester  
 Post, Wm. S.  
 Postnikoff, Leonid  
 Potter, Miss Blanche  
 Potter, Frank H.  
 Potter, Frederick A.  
 Potter, Dr. Mary Goddard  
 Potter, Mrs. Orlando B.  
 Potter, R. Burnside  
 Pottier, Auguste Ruffin  
 Potts, William B.  
 Powell, Miss Rachel Hopper  
 Powell, S. C.  
 Powers, Dr. Lillian Delger  
 Powers, Thomas J., Jr.  
 Poynton, John A.  
 Prall, Rev. Dr. William  
 Pratt, Miss Caroline  
 Pratt, Fletcher  
 Pratt, Mrs. Richardson  
 Preckett, Russell  
 Prentice, Robert Kelly  
 Prentice, Wm. M.  
 Prentiss, Edmund A., Jr.  
 Prentiss, Marshall  
 Presbrey, Frank  
 Prescott, Dr. Henry D.  
 Prescott, John O.  
 Prescott, Sherburne  
 Preston, Stuart D.  
 Preston, Veryl  
 Pretzfeld, Edgar S.  
 Price, Joseph M.  
 Price, Walter W.  
 Priddy, Lawrence  
 Pridham, Charles F.  
 Prime, Mrs. Edward  
 Prince, Benjamin  
 Prince, Leon M.  
 Prince, Theodore  
 Procter, Frederic W.  
 Procter, Rodney  
 Procter, Mrs. Sanford  
 Procter, William  
 Proskauer, Joseph M.  
 Prosser, Robert W.  
 Pruyun, Erving  
 Pruyun, Francis L.  
 Pryor, Mrs. Samuel F., Jr.  
 Pugsley, Cornelius A.  
 Pulsifer, Harold T.  
 Pulsifer, N. T.  
 Pupke, Helene C.  
 Purcell, Elizabeth  
 Purves, Robert Ogden  
 Putnam, Mrs. Edward H.  
 Putnam, Helen C., M.D.  
 Putnam, Mrs. Henry Rice  
 Putnam, Lyonel H.  
 Putney, Miss Eva C.  
 Pyle, D. H. McAlpin  
 Pyle, Mrs. Wm. Scott  
 Pynchon, George M.  
 Pyne, Mrs. M. Taylor  
 Quackenbush, Timothy A.  
 Quick, Douglas  
 Quinn, Martin J.  
 Quintard, Dr. Edward  
 Rabinowitz, Mrs. Aaron  
 Rachlin, Abraham  
 Rader, Mrs. Louis B.

- Rafferty, Mrs. Ewing L.  
 Rahlson, K. J.  
 Railey, Mrs. H. H.  
 Raiman, Robert Insall  
 Raisler, Samuel  
 Ramage, Samuel Young  
 Ramsay, H. H.  
 Ramsperger, H. G.  
 Randolph, Evan  
 Randolph, Wm. F.  
 Ranger, Stanley G.  
 Ransom, Miss Maud  
 Ransom, William L.  
 Raska, Miss Clara  
 Rasmus, William T.  
 Ratterman, Miss Dorothy L.  
 Rau, Eugene A.  
 Rawlins, Herbert N.  
 Rayher, Edward R.  
 Raymond, Frank T.  
 Raymond, H. H.  
 Raymond, Irving E.  
 Raymond, Mrs. William  
 Raynes, George W.  
 Read, Norman  
 Read, R. Bartow  
 Read, Wm. A., Jr.  
 Read, Mrs. Williams  
 Ream, Mrs. Norman Putnam  
 Reckford, John King  
 Redmond, Miss Emily  
 Redmond, Mrs. Henry S.  
 Redmond, Roland L.  
 Redwood, W. D.  
 Reed, Mrs. Chester T.  
 Reed, Floyd Orten, M.D.  
 Reed, Henry H.  
 Reed, Robert R.  
 Reed, Wm. E.  
 Rees, Mrs. R. Llewelyn  
 Reese, Miss M. M.  
 Reese, Mrs. Robert Grigg  
 Reese, W. Willis  
 Reichard, Gladys A.  
 Reichenbach, L.  
 Reid, Mrs. Ogden Mills  
 Reid, Wallace  
 Reid, Mrs. Whitelaw
- Reilly, Frances S.  
 Reimann, Vilhelm  
 Reinhardt, E. Allan  
 Reischmann, Henry R.  
 Reisinger, Curt H.  
 Remick, Mary Moore  
 Remington, Franklin  
 Remsen, Miss Margaret S.  
 Remsen, William  
 Renner, Henry  
 Rennie, Robt.  
 Renwick, Ralph  
 Requardt, John  
 Reulbach, Edward J.  
 Revell, Fleming H.  
 Reyburn, Saml. W.  
 Reynal, Mrs. E. S.  
 Reynolds, Miss Emma C.  
 Reynolds, Geo. W.  
 Reynolds, Herbert B.  
 Reynolds, Shaw H.  
 Reynolds, Thos. A.  
 Reynolds, Mrs. Walter S.  
 Rheinauer, Daniel  
 Rheinstein, Alfred  
 Rhoades, John Harsen  
 Rhoades, Mrs. Lyman  
 Rice, Mrs. Elmer L.  
 Rice, Elwood E.  
 Rice, Dr. Frederick W.  
 Rice, Grantland  
 Rice, Louis W.  
 Rice, Oran Winthrop  
 Rice, Philip B.  
 Rich, Charles A.  
 Rich, Mrs. Eva  
 Rich, Johanna E.  
 Richard, Harold C.  
 Richard, Oscar L.  
 Richards, Archie M.  
 Richards, Dr. Dickinson W., Jr.  
 Richards, George  
 Richards, Mrs. George H.  
 Richardson, C. Tiffany  
 Richardson, Mrs. C. Tiffany  
 Richardson, Sinclair  
 Richardson,  
 Thomas de Quartel, Jr.
- Richter, Max  
 Ricker, Mrs. Eleanor A.  
 Ricketts, Miss H.  
 Ridder, J. E.  
 Rider, Philip C.  
 Ridder, Victor F.  
 Riddle, Mrs. Theodate Pope  
 Ridgway, Robert  
 Riegelman, Mrs. Charles  
 Riem, Simon R.  
 Ries, Hugo  
 Riesenber, Adolph  
 Riglander, Mrs. M. M.  
 Riley, Cathryn V.  
 Riley, Henry Alsop, M.D.  
 Riley, Mrs. J. W.  
 Rinehart, Alan G.  
 Rinelli, Peter  
 Rinschede, Charles A. W.  
 Rippenbein, Morris  
 Risch, Otto Carl, M.D.  
 Rival, Peter  
 Rives, George Barclay  
 Robert, Samuel  
 Roberts, Erastus T.  
 Roberts, George  
 Roberts, Mrs. Henry Steele  
 Roberts, Owen F.  
 Roberts, William  
 Robertson, F. Y.  
 Robins, Thomas  
 Robinson, A. G.  
 Robinson, Beverley R.  
 Robinson, Mrs. C. L. F.  
 Robinson, Charles B., Jr.  
 Robinson, Edward  
 Robinson, Mrs. Edward  
 Robinson, Mrs. F. I. W.  
 Robinson, Frederick B.  
 Robinson, James H.  
 Robinson, Dr. John A.  
 Robinson, Karl H.  
 Robinson, Mark H.  
 Robinson, Miss Pauline  
 Robinson, Mrs. T. Douglas  
 Robson, Herman  
 Rockefeller, Percy A.  
 Rockefeller, Mrs. Wm. G.

- Rockwood, Miss K. C.  
 Rodie, Mrs. W. S.  
 Rodrigue, Joseph A.  
 Roe, James P.  
 Roelker, Alfred  
 Roelker, Miss Anna E.  
 Roessler, Edward  
 Roethlisberger, Otto  
 Rogers, Edmund P.  
 Rogers, Francis  
 Rogers, Mrs. Francis  
 Rogers, H. Pendleton  
 Rogers, Henry W.  
 Rogers, Hubert E.  
 Rogers, Mrs. Jas. Gamble  
 Rogers, John S.  
 Rogers, Dr. Oscar H.  
 Rogers, Saul E.  
 Rohdenburg, G. L.  
 Rohe, Charles  
 Rokenbaugh, H. S.  
 Rolle, Augustus J.  
 Roller, Emil  
 Rollinson, Mrs. Helen M.  
 Ronalds, Miss Thora  
 Roome, Howard LeC.  
 Roos, Mrs. M.  
 Roos, Mrs. William  
 Roosevelt, A. B.  
 Roosevelt, Mrs. Archibald B.  
 Roosevelt, G. Hall  
 Roosevelt, Mrs. J. West  
 Roosevelt, Philip J.  
 Roosevelt, Mrs. Philip J.  
 Root, Elihu  
 Ros, Miss Emilia  
 Rose, Mrs. A. Sumner  
 Rose, C. C.  
 Rose, Mrs. George  
 Rose, Sister M.  
 Rosenbaum, Sol. G.  
 Rosenberg, Mrs. J. N.  
 Rosenberger, Heinz  
 Rosenfeld, Ernst  
 Rosenberger, Dr. Randle C.  
 Rosenfeld, F. M.  
 Rosenfeld, J.  
 Rosenheim, Mrs. Bertha  
 Rosenheim, Mrs. E. B.  
 Rosensohn, Mrs. S. J.  
 Rosenstiel, Mrs. Lewis S.  
 Rosenthal, Mrs. Arthur J.  
 Rosenthal, Leon W.  
 Rosenthal, Sylvan E.  
 Ross, F. J.  
 Ross, Mrs. Henry C.  
 Ross, Miss Marguerite E.  
 Ross, Reuben J.  
 Rossano, Augusto T., M.D.  
 Rossbach, Mrs. L.  
 Rossin, Alfred S.  
 Rossiter, Edward L.  
 Rossmoore, Sara  
 Rothbart, A  
 Rothman, Arnold  
 Rothman, Richard J.  
 Rothschild, Clarence G.  
 Rothschild, James  
 Rothschild, Simon F.  
 Rothschild, Mrs. V. Sydney  
 Rothschild, Walter N.  
 Rounds, R. S.  
 Rounds, Ralph Stowell, Jr.  
 Rousmaniere, John E.  
 Rowell, George P.  
 Rowland, Mrs. Chas. R.  
 Rowland, Thos.  
 Roy, James Bryant  
 Rubel, C. Adrian  
 Rublee, Juliet Barrett  
 Rubsam, C. William  
 Rudderow, E. Douglas, M.D.  
 Rudolph, Henry  
 Ruhlender, Henry  
 Rumbough, J. Wright  
 Rumbough, Stanley M.  
 Rumely, Mrs. Edward A.  
 Rumsey, Mrs. C. C.  
 Runsheim, Joseph  
 Runyon, Edward Wheelock  
 Ruperti, Justus  
 Rupprecht, Frederick K.  
 Rusch, Adolphe, Jr.  
 Rusch, Henry A.  
 Russek, Isidor H.  
 Russell, Mrs. Charles Howland  
 Russell, Helen G.  
 Russell, Mrs. Henry P.  
 Russell, Dr. John F.  
 Russell, Marshall  
 Russell, Thos. F., Jr.  
 Russell, William Francis  
 Rust, Edgar C.  
 Rust, H. N.  
 Rutherford, John  
 Rutherford, Livingston  
 Ryle, Miss Julia  
 Sabin, Charles H.  
 Sabin, Florence R.  
 Sachs, Arthur  
 Sachs, Bernard, M.D.  
 Sachs, Harry  
 Sachs, Howard J.  
 Sachs, Julius  
 Sachs, Miss Miriam  
 Sachs, Walter E.  
 Sackett, Arthur J.  
 Sackett, Charles A.  
 Sage, Miss Elsie E.  
 Sage, Mrs. Henry W.  
 Sage, Mrs. William H.  
 St. Clair, Stuart  
 St. Damase, Sister  
 Sakolski, A. M.  
 Saks, Isadore  
 Salant, Aaron B.  
 Salisbury, Lucius A., M.D.  
 Salm, Countess Maud  
 Salmon, Mrs. Walter J.  
 Saltus, R. Sanford, Jr.  
 Sampson, Charles E.  
 Samuel, Ralph E.  
 Sanborn, Bernice  
 Sanborn, Jas. F.  
 Sand, Alice Low  
 Sandford, Mrs. Lisa W.  
 Sands, Mrs. B. Aymar  
 Sanford, Edwards S.  
 Sanford, Francis B.  
 Sarafian, S. A.  
 Sard, Mrs. Russell E.  
 Sarg, F. A.  
 Sargent, C. S.

Saril, August  
 Satterlee, Mrs. Herbert L.  
 Satterlee,  
     Miss Madeleine L. R.  
 Satterlee, Hugh  
 Sauer, Rudolph  
 Saul, Charles R.  
 Saunders, Helen E.  
 Saunders, William Lapham  
 Sauter, Fred  
 Savage, Theodore F.  
 Saxl, Josef, M.D.  
 Sayles, Robert W.  
 Sayles, Mrs. Robert W.  
 Sayre, Mrs. Wolcott  
 Scarborough, Wm. B.  
 Schaefer, Mrs. Edward C.  
 Schaefer, Mrs. J. Louis  
 Schafer, Mrs. Edward  
 Schaff, Norman  
 Schanck, George E.  
 Scharmann, Herman F.  
 Schaffner, Bennet F.  
 Scheel, Henry Van Riper  
 Scheel, William H.  
 Schefer, A. H.  
 Schelling, Ernest H.  
 Schelling, Lucie How  
 Schepp, Miss Florence  
 Schermerhorn, Alfred E.  
 Scheur, Arnold L.  
 Scheuer, Mrs. Sidney H.  
 Schieffelin, Miss Dorothy  
 Schieffelin, W. J., Jr.  
 Schieffelin, Wm. Jay  
 Schiffer, Jack W.  
 Schimmel, Clarence C.  
 Schirmer, Emma L.  
 Schlesinger, Armin A.  
 Schleussner, Philip  
 Schley, Evander B.  
 Schley, K. B.  
 Schling, Max  
 Schmelz, Herman  
 Schmelzel, James H.  
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     Mrs. Charles Frederick  
 Schmidt, Mrs. Mott B.  
 Schmidt, Mrs. Wm. H.  
 Schmitt, George  
 Schmuck, Thomas K.  
 Schnakenberg, H. Ernest  
 Schnepel, Charles A.  
 Schnepel, Dr. George A.  
 Schniewind, Mrs. Elma M.  
 Schniewind, Mrs. Ewald H.  
 Schniewind, Heinrich, Jr.  
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 Schoenberg, Mrs. Herman B.  
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 Scholle, Howard A.  
 Scholle, William D.  
 Schoonmaker, Herbert S.  
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 Schuler, Charles  
 Schüllinger, J.  
 Schultz, Oswald R.  
 Schurman, Mrs. J. G., Jr.  
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 Schuster, R.  
 Schwab, Miss Emily  
 Schwab, Mrs. H. C.  
 Schwab, Katharine Fisher  
 Schwartz, H. J.  
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     Mrs. Helen Manning  
 Schwarz, Dr. Herman  
 Schwarz, Max  
 Schwarzenbach, Marguerite  
 Schwarzmann, Marguerite E.  
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 Schweitzer, Isidor S.  
 Schweizer, Mrs. Raymond J.  
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 Scofield, Miss Marion  
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 Scott, Miss Delia G.  
 Scott, Donald  
 Scott, Mrs. Frank Hall  
 Scott, James R.  
 Scott, Major R. T. M.  
 Scott, Mrs. Russell  
 Scott, Thos. B., Jr.  
 Scott, William  
 Scovill, Margaret  
 Scoville, Herbert  
 Scoville, Mrs. John H.  
 Scoville, Robert  
 Scribner, Arthur H.  
 Scudder, Antoinette Q.  
 Scudder, Edward M.  
 Scudder, Hewlett  
 Scudder, Myron T.  
 Scudder, Willard  
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 Seabury, Miss Eugenia R.  
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 Seaman, Louis L., M.D.  
 Searles, A. R.  
 Seasongood, Clifford  
 Seasongood, Edwin A.  
 Seckels, Richard  
 Seed, Miss R.  
 Seeley, Miss Helen  
 Seeley, Nathaniel Stevens  
 Seeman, Carl  
 Seeman, Joseph  
 Seibels, Mrs. Edwin G.  
 Seibert, Jacob, Jr.  
 Seidenberg, Otto  
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 Seligman, Edwin R. A.  
 Seligman, Eustace  
 Seligman, Mrs. George W.  
 Seligman, Jefferson  
 Seligsberg, Albert J.  
 Seligsberg, Alfred F.  
 Semken, Dr. George H.  
 Semler, Geo.  
 Serpell, Miss Alethea  
 Seton, Henry  
 Seward, J. Perry, M.D.  
 Sewell, James W., Jr.  
 Seymour, Chas. K.  
 Seymour, Edmund  
 Seymour, Henry T.  
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 Shallcross, Cecil F.  
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 Shattuck Howard F., M.D.

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 Sheets, Dr. Elmer A.  
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 Shepard, Marguerite D.  
 Shepardson, Whitney H.  
 Sheridan, Donald H.  
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 Sherman, Jessica  
 Sherwin, O. K.  
 Sherwin, Robert W.  
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 Shinkle, Vincent Garman  
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 Shoemaker, Henry W.  
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 Short, Livingston L.  
 Shreve, R. H.  
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 Sichel, Mrs. Eugene A.  
 Sicher, Dudley D.  
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 Sidenberg, Richard  
 Sidenberg, William R.  
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 Siedenber, Mrs. R.  
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 Siegel, Benjamin  
 Siegel, Jacob  
 Siegel, William  
 Sigal, William M.  
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 Silverstein, Joshua  
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 Sime, Miss Violet Birse  
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 Simon, Clarence K.  
 Simon, Ed. W.  
 Simon, Franklin  
 Simon, Harry M., Jr.  
 Simon, Horatio S.  
 Simon, Leo L.  
 Simon, Leon Gilbert  
 Simon, R. E.  
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 Simons, Minot  
 Simonson, Lee  
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 Simpson, J. L.  
 Simpson, Sidney P.  
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 Slade, Marshall P.  
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 Sloan, Howard S.  
 Sloan, Samuel  
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 Slocum, Thomas W.  
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 Smadbeck, Warren  
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 Smidt, Thos.  
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 Stearns, Louis  
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 Stillman, Miss B. G.  
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 Strasser, W. W.  
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 Straus, Marcus  
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 Streeter, M. B.  
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 Stringham, Raymond B.  
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 Stump, H. E.  
 Sturgis, Reginald H.  
 Sturgis, Wm.  
 Sturm, Max, M.D.  
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 Stursberg, W.  
 Styles, S. O.  
 Suckley, Margaret L.  
 Sullivan, Leonard  
 Sullivan, Walter S.  
 Sulzberger, Cyrus L.  
 Sulzberger, Myron  
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 Sumner, Malcolm  
 Sunderland, Edwin S.S.  
 Sussman, Dr. Otto  
 Sutherland, Dr. Fred B.  
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 Sutro, Victor  
 Swaine, Robert T.  
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 Swan, James A.  
 Swan, Thomas W.  
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 Swann, Mrs. A. W.  
 Swanson, Dr. F. J.  
 Swarr, Miss Mabel R.  
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 Swartwout, Richard H.  
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 Sweet, John, M.D.  
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 Swift, Samuel, M.D.  
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 Sykes, Howard C.  
 Sykes, Walter H., Jr.  
 Symington, C. J.  
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 Taft, Walbridge S.  
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 Taintor,  
     Mrs. Charles Newhall  
 Taintor, Charles Wilson  
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 Talcott, J. Frederick  
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 Tas, Emile  
 Tate, Joseph  
 Taylor, Anna-Louise  
 Taylor, Anson W. H.  
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 Taylor, Edwin P., Jr.  
 Taylor, Emma Fellowes  
 Taylor, F. Carroll  
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 Taylor, Herbert C.  
 Taylor, Herbert F., Jr.  
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 Taylor, Mrs. Moses  
 Taylor, Myron C.

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 Taylor, Walter W.  
 Taylor, Wm. A., Jr.  
 Taylor, William R. K.  
 Teele, Arthur W.  
 Teeple, John E.  
 Teetsel, Wm. M.  
 Tefft, Erastus T.  
 Telleen, S. Frederick  
 Tenney, Daniel G.  
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 Terry, Mrs. Harriet Devotion  
 Terry, Roderick, Jr.  
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 Terry, Mrs. Wyllys  
 Thacher, Major Archibald G.  
 Thacher, Henry C., Jr.  
 Thacher, Mrs. T. D.  
 Thacher, Thomas D.  
 Thalmann, Mrs. Edward E.  
 Thaw, Lawrence Copley  
 Thayer, B. B.  
 Thayer, H. B.  
 Thayer, Robert A.  
 Thayer, Robert H.  
 Thayer, Stephen H.  
 Thayer, Rev. William  
     Greenough, D.D.  
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 Thomas, Dr. Belle  
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 Thomas, James P.  
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     Mrs. J. Todhunter  
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- Thompson, Samuel A.  
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     Mrs. William Reed  
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 Thomson, Dr. Edgar S.  
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 Thorn, John C.  
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 Thorne, Mrs. J. Norrish  
 Thorne, Mrs. Landon K.  
 Thorne, Robert  
 Thorne, Samuel  
 Thornton, Mrs. George M.  
 Thornton, Janet  
 Thornton, Miss Lucile  
 Thurnauer, Arthur F.  
 Tibbals, Saml. G.  
 Tiedemann, Henry F.  
 Tiedemann, Mrs. Theodore  
 Tiers, Mrs. Cornelius  
 Tietjen, Fred. W.  
 Tiffany, Charles L.  
 Tiffany, Louis C.  
 Tillotson, Norton B.  
 Tilney, Frederick, M.D.  
 Tilney, Mrs. I. Sheldon  
 Tilton, Newell W.  
 Tim, Bernard L.  
 Tim, Louis B.  
 Timme, Walter, M.D.  
 Timolat, J. G.  
 Tingue, Mrs. Howard  
 Tingue, William J.  
 Tinkham, Julian R.  
 Tipper, Harry  
 Tishman, David  
 Tison, Alexander, Jr.  
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 Todd, Ambrose G.  
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 Tolfree, Edward R.
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 Torrance, Stiles A.  
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 Tower, Peter  
 Towner, Rutherford  
 Townley, J. M.  
 Townsend, C. P.  
 Townsend, Mrs. David C.  
 Townsend, E. M.  
 Townsend, Eugene L.  
 Townsend, Howard  
 Townsend, Howard, Jr.  
 Townsend, J. Henry  
 Townsend, James M., Jr.  
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 Tozzer, B. A.  
 Tracy, Ernest B.  
 Tracy, Mrs. Joseph T.  
 Train, Mrs. Arthur  
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 Travis, John C.  
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 Turnbull, Arthur  
 Turnbull, Mrs. Kenneth H.  
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 Turner, D. B.  
 Turner, Daniel Lawrence  
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 Turner, James H.  
 Turner, Katherine T.

- Turner, Dr. Kenneth B.  
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 Turner, Wallis S.  
 Turnley, Wm. H., M.D.  
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 Untermyer, Alvin  
 Untermyer, Mrs. Eugene  
 Upson, Maxwell M.
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   Miss Marguerite E.  
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   Mrs. Augustus  
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 Vander Bent, W. S.  
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 Vander Veer, Mrs. Albert, Jr.
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 Van Norden, Theodore Lang-  
   don  
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 Veith, Emil G.  
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 Vhay, John Stewart  
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 Vietor, Thos. F.  
 Villa, Alfonso P.  
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 Vogel, H. G.  
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 Walbridge, H. D.  
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 Wallerstein, Leo  
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 Waterbury, Miss G.  
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 Waterman, H. F.  
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 Waters, Horace  
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 Watson, John J.  
 Watson, Warren M.  
 Watts, S. H.  
 Waugh, L. M.  
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 Weber, Frederick  
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 Webster, Mrs. Morton S.  
 Wedegartner, Miss Juliette  
 Weed, Mrs. Alden H.  
 Weed, Richmond  
 Weekes, Arthur D.  
 Weeks, Andrew Gray  
 Weeks, Dr. John E.  
 Weeks, Mrs. Percy Shelton  
 Weeks, Warren B. P.  
 Weems, F. C.  
 Wegel, R. L.  
 Weidman, William J.  
 Weiher, Charles L., M.D.  
 Weil, Arthur William  
 Weil, Mrs. Edmond  
 Weil, Frank L.  
 Weil, Leon  
 Weil, Mrs. Walter L.  
 Weiller, Louis M.  
 Weinberg, Alex.  
 Weinberg, Charles  
 Weinberger, Dr. Bernhard W  
 Weir, Miss Anne R.  
 Weir, Carrie M.  
 Weir, Dorothy  
 Weismann, Harold A.  
 Weiss, Mrs. Chas.  
 Weiss, S. J.  
 Weiss, Mrs. Samuel W.  
 Weisse, Faneuil Suydam  
 Welch, H. K. W.  
 Welinsky, Max  
 Welles, F. R.  
 Welles, Paul  
 Wellington, Miss Elizabeth R.  
 Wells, Mrs. Bulkeley L.  
 Wells, Mrs. Carrie T.  
 Wells, Judd Elwin  
 Welsh, Charles N.  
 Welsh, S. Chas.  
 Weltzien, Henry C.  
 Welwood, John Caldwell  
 Wemple, William Y.  
 Wentz, Theodore  
 Werner, Theodore  
 Wertheim, Maurice  
 Wertheim, Mrs. Maurice  
 Wertheimer, Robert  
 Wertz, Edith B.  
 Wessendonck, M. A.  
 Wessell, Arthur L.  
 West, Charles C.  
 West, Davenport  
 West, Davenport, Jr.  
 Westheimer, Henry F.  
 Weston, Cornelia  
 Weston, Dr. Edward  
 Weston, Mrs. Theodore  
 Westover, Myron F.  
 Wetstein, Jacob  
 Wetzel, C. F.  
 Wetzel, Thomas J.  
 Wheeler, Miss L.  
 Wheelwright,  
     Mrs. A. Robinson  
 Wheelwright, Joseph S., M.D.  
 Whipple, Allen O., Jr.  
 Whitaker, Spier  
 White, Mrs. Alfred L.  
 White, Miss Alma  
 White, Miss Caroline  
 White, E. Cantelo  
 White, E. Laurence  
 White, Miss Edith Hamilton  
 White, Rev. Eliot  
 White, Lawrence Grant  
 White, Lazarus  
 White, Leonard D.  
 White, Mrs. M. Ely  
 White, Martha R.  
 White, Mrs. Stanford  
 White, Thomas J.  
 White, W. Foster  
 White, Walter  
 Whitehouse, Mrs. F. M.  
 Whiteley, Nan  
 Whiteside, A. D.  
 Whitestone, Samuel L.  
 Whitfield, Mrs. W. L.  
 Whiting, Miss Gertrude  
 Whiting, Mrs. Giles  
 Whiting, Ralph D.  
 Whitman, Mrs. F. C.  
 Whitman, Mrs. Royal  
 Whitman, Wm., Jr.  
 Whitmarsh, Theo. F.  
 Whitmore, Miss Barbara  
 Whitney, Mrs. George  
 Whitney, Mrs. Howard F.  
 Whitney, H. Le Roy  
 Whitney, Richard

- Whitney, Travis H.  
 Whitridge, A.  
 Whitridge, Mrs. Arnold  
 Whittemore, Howard  
 Wickes, Miss May Forsyth  
 Wickware, Francis G.  
 Wiemann, Albert B.  
 Wiener, Joseph  
 Wiener, Solomon, M.D.  
 Wiesenberg, Charles  
 Wieser, Max  
 Wightman, Henry Nicoll  
 Wilcox, Arthur R.  
 Wilcox, Dr. Herbert B.  
 Wilcox, T. Ferdinand  
 Wilder, Mrs. Throop M.  
 Wilds, Percival  
 Wilds, Dr. Robert H.  
 Wile, Edwin  
 Wile, Ernest J.  
 Wile, Ira S.  
 Wile, Oscar J.  
 Wiley, J. S.  
 Wiley, Louis  
 Willkie, John L.  
 Wilkinson, Alfred  
 (In Memoriam)  
 Willcox, Orlando B.  
 Willets, Miss Maria  
 Willettes, Mrs. W. P.  
 Williams, Arthur  
 Williams, Charles B.  
 Williams, Mrs. Clark  
 Williams, David W.  
 Williams, Earle C.  
 Williams, Ernest  
 Williams, Henry D.  
 Williams, James D.  
 Williams, Lewis Blair  
 Williams, Mrs. Percy H.  
 Williams, Ralph J.  
 Williams, Roger B.  
 Williams, Roger B., Jr.  
 Williams, Roger H.  
 Williams, Mrs. T. R.  
 Williamson, Mrs. G. DeWitt  
 Williamson, Hervey C., M.D.  
 Willis, Reginald S.  
 Willis, W. P.  
 Williston, James R.  
 Willstatter, A.  
 Wilmerding, Mrs. C. H.  
 Wilmerding, Lucius  
 Wilmerding, Mrs. Lucius K.  
 Wilner, Max  
 Wilson, Alice R.  
 Wilson,  
 Rev. Andrew Chalmers  
 Wilson, Miss Antoinette  
 Wilson, Edmund B.  
 Wilson, Emily B.  
 Wilson, James C., M.D.  
 Wilson, Orme, Jr.  
 Wilson, R. Thornton  
 Wilson Ralph W.  
 Wilson, Thomas H.  
 Wilson, W. J.  
 Wimmelbacher, Sigmund  
 Wimpfheimer, Chas. A.  
 Winchester, W. E.  
 Windisch, Richard P.  
 Winkin, Mrs. John  
 Winscher, Regina M.  
 Winslow,  
 Rear Admiral C., McR.  
 Winslow,  
 Thomas Scudder, M.D.  
 Winston, Owen  
 Winterrowd, Wm. H.  
 Winters, Miss Mary Ray  
 Winthrop, Bronson  
 Wise, Benedict S.  
 Wise, Edmond E.  
 Wise, S. J.  
 Wise, Rev. Dr. Stephen S.  
 Wisner, Percy  
 Witbeck, Robt.  
 Witherbee, Mrs. Frank S.  
 Wittmann, Joseph  
 Woerishoffer, Mrs. Anna  
 Woerz, F. W.  
 Woglom, Wm. H., M.D.  
 Wolf, Ralph  
 Wolf, Robert B.  
 Wolf, W, Irving  
 Wolf, Mrs. Walter  
 Wolfe, Lee J.  
 Wolfe, Mrs. Wm. E.  
 Wolff, Henry F.  
 Wolff, Hermann H.  
 Wolff, Mrs. Lewis S.  
 Wolff, M.  
 Wolff, Myron  
 Wolfson, T.  
 Wolkwitz, Sophia  
 Wood, Arthur E.  
 Wood, Frederick H.  
 Wood, Gilbert C.  
 Wood, Gilbert Congdon, Jr.  
 Wood, J. Walter  
 Wood, Otis F.  
 Wood, Mrs. Turnbull  
 Wood, Willis B.  
 Wood, Willis D.  
 Wood, Mrs. Willis D.  
 Wood, Dr. Wilson G.  
 Wood, Wm. C.  
 Woodcock, Robert G.  
 Woodin, Mrs. C. R.  
 Woodbin, Mrs. William H., Jr.  
 Woodruff, James P.  
 Woods, Carleton W.  
 Woodward, Mrs. George L.  
 Woolf, Florence K.  
 Woolley, Mrs. Park M.  
 Worcester, Wilfred J.  
 Work, Mrs. J. C.  
 Workum, Fifield  
 Wormser, Richard S.  
 Wortman, Mrs. A.  
 Wortmann, Martin  
 Wracic, John  
 Wrenn, George L.  
 Wright, Alice L.  
 Wright, Mrs. Arthur  
 Wright, Richardson  
 Wright, Roy V.  
 Wright,  
 Mrs. Willard Huntington  
 Wunderlich, Hermann  
 Wuppermann, Mrs. George  
 Wurlitzer, Mrs. Howard E.  
 Wurlitzer, Raimund B.  
 Wurzburger, Mrs. Walter

Wyatt, H. J.	Young, Dr. J. Lowe	Zeno, Norman L.
Wyckoff, W. W.	Young-Hunter, John	Ziegler, Frederick J.
Wyeth, Dr. Geo. A.	Young, Mrs. Owen D.	Ziegler, Miss Jessie
Wylie, James A.	Young, Roland	Zimmerman, Dr. G. H.
	Young, Mrs. Thomas Sears	Zimmermann, Charles
Yates, Blinn F.	Young, Mrs. William Hopkins	Zimmermann, John
Yates, Roy T.	Younger, Mrs. Cole	Zimmermann, John E.
Yawkey, Mrs. W. H.	Youngs, R. M.	Zimmermann, Marie
Yeiser, H. C., Jr.	Yuille, T. B.	Zinaman, Jacob M.
Yergason, R. M., M.D.	Yussim, Morris	Zinsser, August
Yerkes, Leonard A.		Zinsser, Rudolph
Yorke, George M.	Zabriskie, Mrs. C. F.	Zinsser, William H.
Young, Mrs. A. Murray	Zabriskie, Charles L.	Zipser, Dr. Jacques E.
Young, Miss Annette	Zabriskie, Christian A.	Ziska, Aloysius L.
Young, Mrs. Clarence H.	Zabriskie, Miss Ethel	Zucker, Max.
	Zeh, Emil	

#### ASSOCIATE MEMBERS

##### Non-Resident

*By payment of \$3 Annually*

There are 4,939 Associate Members, whose generous support and interest are of great value in carrying forward the development of the Museum. These Members reside in every State of the Union, as well as in many foreign countries. We regret that, in order to reduce the size of this Report, and to keep within the expenditure allowed by our restricted budget, it has been necessary to omit the printing of the list of Associate Members.

## V. GIFTS AND ACCESSIONS, 1930

### ASTRONOMY

#### BY GIFT

BUTLER, HOWARD RUSSELL, Princeton, N. J.

Painting of Mars, as seen from outer moon, Diemos.

Painting of Mars, as seen from inner moon, Phobos.

COLES, ROBERT R., Glen Cove, L. I.

5 Books by W. L. Bass—3 Volumes "Astronomic Commentaries, 1928"; "Solar System"; "Study of Time."

#### BY PURCHASE

Globe by P. Coronelli, 1693.

Essco Planetarium without Saturn and Jupiter.

### MINERALOGY

#### BY GIFT

ALLEN, FREDERICK I., New York City  
Allactite on calcite; dixenite; from Langban, Sweden.

BALL, SYDNEY H., New York City.

3 Specimens of alumite from Marysvale, Utah.

BEARD, RAYMOND R., Morenci, Arizona.

Paravauxite from Llallagua, Bolivia.

BERNHEIMER, CHARLES L., New York City.

Polished malachite from Ural Mountains, Russia.

BOARD OF WATER SUPPLY, Long Island City.

Specimen of calcite from Shaft 12A, Tunnel No. 2.

BRITISH CHAMBER OF MINES, Vancouver, B. C.

27 Specimens of minerals, including 1 antimony, 1 asbestos, 1 chromium, 1 coal, 1 cobalt, 2 copper,

1 diatomite, 1 fluorite, 1 gold, 2 galena, 1 graphite, 1 gypsum, 1 iron, 1 limestone, 1 manganese, 1 mercury, 1 mica, 1 molybdenite, 1 nickel, 1 quartz, 2 silver, 1 talc, 1 tin, 1 zinc, from British Columbia.

BROWN, BARNUM, New York City.

3 Specimens gypsum (Desert Roses) from northeast of Tuba, Arizona;

4 Specimens gypsum (Desert Roses), from northeast of Cameron, Arizona.

CHAMPION PORCELAIN COMPANY, Detroit, Michigan.

Andalusite from Mocalno, California.

CLARK, G. S., Carson City, Nevada.

1 Cinnabar from Lovelock, Nevada.

DINGELDEIN, KARL A., New York City.

12 Specimens of jasper from Ketchum, Idaho; 2 Chrysoprase cabochon cut stones from Frankenstein, Silesia.

HARSTAD, A. J., Wolf Creek, Montana.

1 Specimen of vermiculite and 1 specimen of zonolite from Libby, Montana.

HAWKINS, ALFRED C., New Brunswick, N. J.

1 Specimen of calcite and 1 specimen of datolite from Scotch Plains, N. J.

KIO COMPANY, New York City.

Carved dish of Hungarian aragonite; 3 Specimens of fluorite from Cordoba Province, Argentina; carved varacite from Utah.

KOHN, ALBERT M., New York City.

Cut peridot, 7.9 carats, from Levant, Red Sea.

LARIMER, J. S., Glendive, Montana.

2 Specimens of moss agate from Glendive, Montana.

- LE CLÉAR, MRS. BINNIE W., Bequest of (Wallace Memorial).
- 17 Pieces of jewelry including 2 Old Mine cut diamonds, about  $2\frac{1}{2}$  carats each, set in gold pin setting; 1 Old Mine cut diamond, about  $2\frac{3}{4}$  carats, set in platinum ring; 1 brooch set with 7 Old Mine cut diamonds ranging from  $1\frac{1}{2}$  to  $\frac{3}{4}$  carat, the rest small; 1 ring set with 2 Old Mine diamonds of  $2\frac{1}{4}$  carats each; 1 necklace set with 5 aquamarines and 5 pearls with smaller pearls; 1 gold locket with 5 diamonds; 2 opal studs; 1 garnet stud; 1 baroque pearl stud; 1 amethyst brooch set with amethysts; 1 sapphire and diamond ring; 1 gold brooch pin set with pearl; 1 ring set with blood stone; 1 chain set with pearls; 1 platinum necklace set with 68 diamonds, 4 stones from 1 to  $\frac{1}{2}$  carats and six small brilliants.
- LEE, O. IVAN, Jersey City, N. J.  
Specimen of tscheffkinite from Amherst County, Virginia.
- LEMOINE, WILLIAM, La Guaira, Venezuela.  
Specimen of garnet in mica schist and 1 vial of garnets from Venezuela.
- LINNEMAN, J. P., Buffalo, N. Y.  
1 Specimen of calcite from West Paterson, N. J.; and 2 specimens of orthoclase from northern Norway.
- MAINLAND, A. F., New York City.  
67 Crystals of limonite pseud. after pyrite, and 1 limonite, from Carter County, Tenn.
- MATTIA, ANGELO, Newark, N. J.  
Specimen of celestite from Enna, Italy.
- MORTON, JAMES F., Paterson, N. J.  
Specimen of amphibole (asbestos) from Providence, R. I.; 1 manganpectolite, 1 pectolite, and 5 calcite on prehnite, from Paterson, N. J.; 1 garnet (rhodolite) from Macon Co., N. C.; 1 specimen of crocidolite and calcite and 1 specimen of crocidolite and sphalerite, from Franklin, N. J.; 1 specimen of arsenopyrite and chalcopyrite, 1 specimen pyrite and arsenopyrite and 1 specimen of scorodite and arsenopyrite from Carmel, N. Y.; 1 tale from Providence, R. I.; specimen of chalcopyrite, from Prospect Park, N. J.
- OSBORN, MRS. HENRY FAIRFIELD, New York City.  
Carved crystal pendant, figure of Psyche carved by Lalique; 1 brooch set with Bohemian garnets; 2 slabs of carnelian, mounted; 2 slabs of onyx, mounted; 1 small coral cameo.
- PITTS, WILLIAM B., Sunnyvale, California.  
23 Specimens of orbicular jasper from southern California.
- RUSSELL, DR. C. P., Yellowstone National Park, Wyoming.  
1 Specimen of geyserite and 1 specimen of travertine from Yellowstone Park, Wyoming.
- SCHERNIKOW, ERNEST, San Francisco, California.  
2 Specimens of colemanite from Death Valley, California; 1 Foshagite, 1 Monticellite, 1 Vesuvianite, 1 Merwinite and spurrite, 1 Wilkeite, from Crestmore, California.
- SHANK, H. H., Louisa, Virginia.  
Gold in quartz from Louisa County, Virginia.
- SISCO GOLD MINES, Limited, Montreal, Canada.  
4 Specimens of gold in quartz from Quebec, Canada.



VERTEBRATE PALAEONTOLOGY, Department of, Museum (Transfer).

2 Specimens of bauxite, 57 miles east of Jubbulpoor, Central Provinces, India.

WHITLOCK, H. P., New York City.

Polished locket of Swiss lapis from Switzerland; 4 aquamarine seals from China; 1 amber carving from China; 1 coral pendant from China; 1 antique shaped fire opal, 11.23 carats, Barcoo River, Queensland, Australia; 1 carved fire opal, 29.35 carats, Barcoo River, Queensland; 1 black opal, 4.72 carats, Barcoo River, Queensland; 4 precious opals, Stuart Range, South Australia; 2 precious opals, Lightning Ridge, New South Wales; 1 black opal, 14 carats, Barcoo River, Queensland; 1 black opal, Lightning Ridge, New South Wales.

WING AND COMPANY, New York City.  
Carved fluorite from China.

#### BY EXCHANGE

HOADLEY, CHARLES W., Englewood, N. J.

1 Crocidolite, 1 barysilite, 1 moorite and fluoborite, 1 svabite, from Franklin, N. J.

MAINLAND, A. F., New York City.

Manganite from Washington County, Tenn.

SCHERNIKOW, ERNEST, San Francisco, Calif.

Specimens of crestmoroite, vesuvianite and blue calcite, vesuvianite and muscovite, wollastonite and blue calcite, from Crestmore, Calif.

#### BY PURCHASE

BRUCE FUND

1 Vauxite, 1 metavauxite, 1 bis-muthinite, from Llallagua, Boli-

via; 1 silver from Tsumeb, S. W. Africa; 1 pyrite from Cerro Ubina, Bolivia; 1 calamine from Rhodesia, S. W. Africa; 1 gold from Porcupine District, Canada; 1 silver from Cobalt, Canada; 1 calcite on prehnite; 3 prehnites, 1 thaumasite on prehnite, from West Paterson, N. J.; 1 specimen of gypsum from Hall, Inn Tal, Tyrol; 1 amethyst, 1 beryl, 1 bloodstone, Easter eggs, from Russia; 1 calcite from Long Island; 1 polished agate from Brazil; 1 bassanite, 1 cupromagnesite, 1 galena, 1 grothine, 1 hieratite, 1 metavoltine, 1 palmerite, 1 rivaite, 1 zamboninite, 1 mitscherlichite, from Italy; 1 amethyst from Uruguay; 1 aquamarine from S. W. Africa; 1 malachite from South Africa; 1 rutilated quartz from Brazil; 1 dehrnite, 1 deltaite, 1 dennisonite, 1 englishite, 1 gordonite, 1 lehiite, 1 pseudowavellite, from Fairfield, Utah; 1 katangite and diopside, 1 becquerelite, from Belgian Congo; 1 klebelsbergite from Felsobanya, Roumania; 1 lessingite from Kyshtym, Urals; 1 metarossite, from Thompson's, Utah; 1 millisite, from near Fairfield, Utah; 1 proberite from Kern County, California; 1 psittacinite from Otavi District, S. W. Africa; 1 psittacinite from Bobos, S. W. Africa; 1 quartz from Siberia; 1 quartz var jasper, from Kamby, Madagascar; 1 reddingite from Hagedorf, Bavaria; 1 sperryllite from Potgietersrust, Transvaal; 2 tarbuttites, Broken Hill, Rhodesia; 1 specimen of cenosite from Ontario, Canada; 1 specimen of fizelyite from Kisbanya, Roumania; 1 precious opal in opal-

ized wood, from Virgin Valley, Nevada; 1 claudetite from California; 1 carved goose of tiger's-eye from Griqualand, South Africa; 2 jade girdle pendants from China; 1 carved carnelian pendant, 1 jasper figure, 1 carved lapis lazuli figure, from China; 1 thomsonite on prehnite, from Paterson, N. J.; 1 cassiterite from Araca, Bolivia; 3 prehnites, from West Paterson, N. J.

#### GENERAL FUND

Magnetite from Iron Range Mts., Utah.

#### WALLACE FUND

1 Cut amethyst, 159 carats, from Brazil; 1 peacock black opal, 55 carats, from Australia.

## GEOLOGY

### BY GIFT

ALNUYDA, ANTHONY T., New York City.

Sea urchin from near Moca, Porto Rico.

ANDREWS, COLONEL J. M., Brookline, Mass.

Petrified starfish, coral, 2 sand-built concretions, belemnite, from Egypt.

ANTHROPOLOGY, DEPARTMENT OF, MUSEUM (Transfer).

Fossil fern and stem of plant from Mazon Creek; 1 Fossil algae, 6 concretions and sandstone pebbles, 5 crinoid stems, 1 *Productus*, from south of Cummings Mesa, near Navajo Mountain, Arizona.

BEEBE, WILLIAM, New York City.

7 Fossil cephalopods, *Orthoceras* sp., Palaeozoic Age.

BERNHEIMER, CHARLES L., New York City.

19 Samples of rock from north-eastern Arizona and northwest-

ern New Mexico; 80 rocks from Arizona, Colorado, Utah, New Jersey, and Canada; 5 specimens of iron pyrites from Port of Spain, British West Indies; 11 specimens including jasper, sandstone, trachyte, porphyry, petrified wood, fossil-bearing limestone chert.

BEVIN, SYDNEY, New York City.

Meteorite (1618 grams) "Ashfork" from 25 miles S. S. W. of Ashfork, Arizona.

BIRDSALL, JOHN M., Tom's River, New Jersey.

2 specimens of Miocene clay from Crosley, N. J. (from kiln).

BISHOP, R. LYLE, New York City.

22 Specimens of carbonaceous shale containing fossilized vegetable matter.

BRIGHAM, E. M., Battle Creek, Michigan.

Water-worn glacial drift pebble.

BROOKLYN MUSEUM, Brooklyn, N. Y. (Deposit).

Relief maps—Extinct volcanoes of Auvergne, France; Connecticut, Eureka District, Nevada; Henry Mountains, Utah (2); Ice Spring craters, Fillmore, Utah; Mt. Shasta, California; Mt. Taylor, New Mexico; 2 of New Jersey; Island of Teneriffe; Uinta and Wasatch Mountains; High Plateaus of Utah; Vesuvius and Monte Somma; Washoe Mining District.

BROWN, BARNUM, New York City.

4 Meteorite fragments, from Valley Wells, Calif.; 1 Specimen white chalky clay from Sentinel Butte, N. Dak.

CARPENTER, GEORGE A., Waldwick, Bergen Co., N. J.

Cast of fossil trilobite tail, *Dalmanites* sp., Oriskany sandstone,

- Devonian Age, from Waldwick, N. J.
- CATES, LOUIS S., New York City.  
Painting of the Bingham Utah Copper Mine, size 12 feet by 40 inches (Through Mr. Cleveland E. Dodge).
- CLARK, GEORGE H., Klamath Falls, Oregon.  
4 Specimens of obsidian from Oregon.
- CLARK, M. H., Newark, N. J.  
2 Specimens of fossil plants.
- CLINTON, G. G., Manhattan, Nevada.  
8 Fragments of trilobites and bryozoa.
- CLOTHIER, MRS. JOHN D., Natural Bridge, Va.  
1 Specimen wood—*Arbor vitæ*, from Natural Bridge, Va.
- CZEGKA, VICTOR H., New York City.  
5 Fragments of gneissoid granite from Mt. Betty, Latitude 85° 10' South, Longitude 163° 15' West, from Queen Maud Range, Antarctica.
- DE VAUGHN, G. O., San Diego, Calif.  
1 Specimen of cephalopod from near Ensenada, Lower California.
- DONALDSON, F., New York City.  
Juniper wood and oyster shell in gray mud matrix, from Brooklyn, N. Y.
- DOOB, MRS. HUGO, New York City.  
Fossil *Stromatopora* from Black Hills, South Dakota.
- DOUGHTY, GEO. D., Post, Texas.  
18 Specimens of recent fresh-water shells.
- DUDLEY, JOHN F., Lynchburg, Ohio.  
Trilobite, found in Little Miami Valley near Fort Ancient, Ohio.
- EGGENBERGER, FLORY, Livingston Manor, N. Y.  
2 Slabs containing odd ripple mark impressions, formation of Catskill sandstone from near Livingston Manor, N. Y.
- ELLSWORTH, LINCOLN, New York City.  
4 Specimens, including quartz vein in mica schist, altered pyritized granite porphyry, quartzite, from Central Labrador; 6 Specimens fossil algæ, Algonkian age, from the Bass limestones; 122 Rocks and fossil algæ, from Grand Canyon, Arizona; 1 Painting by Gunar Wildforss; 2 Photographs of Phantom Ranch; 2 Books; 2 Photographs of rock containing fossil algæ.  
(58 specimens fossil algæ, 2 Photographs of stone containing fossil algæ, 1 Water-color painting, sent to Dr. David White, National Academy of Sciences, Washington, D. C.)
- GREEN, CHARLES E., Dansville, N. Y.  
Melting-pot specimen composed of steatite or soapstone; 2 specimens of beryl crystals.
- HAAS, OTTO, Hollis, L. I.  
Unfinished models of Diamond Head, Oahui, and of Fleischmanns District, Catskill Mts., N. Y.; Cast of Diamond Head, Hawaii.
- HAGGART, H. P., Shreveport, La.  
11 Specimens of clay ironstone concretions from Shreveport, La.
- HOLST, AXEL, St. Thomas, Virgin Islands.  
Dense iron slag from near St. Thomas, Virgin Islands.
- KEARNEY, LEO A., Ridgefield, N. J.  
32 Clay dogs from Overpeck Creek, Ridgefield, N. J.
- LUYTEN, W. J., New York City.  
Meteorite (fragment) from Hoba Wes, few miles west of Grootfontein, S. W. Africa.
- MAIN, DOUGLAS, Ridgefield, Conn.  
2 Clay dogs from Ridgefield, Conn.

- MAMMALOGY, Department of, Museum (Transfer).  
Specimen of copper ore, from Angola, South Africa.
- MAYMO, MISS ROSE, Merrick, L. I.  
Quartzite pebble from Long Island.
- McKENNY, MISS MARGARET, New York City.  
Fossil clam from Morton, Washington.
- MEYNER, WALTER, New York City.  
2 Glacial drift specimens from Hook Mountain, Lincoln Park, N. J.
- MUENSTER, WILLIAM, Rye, New York.  
5 Specimens of mica, from near North Street, Rye, N. Y.
- OKLAHOMA GEOLOGICAL SURVEY, Norman, Oklahoma (Dr. Charles N. Gould, Director).  
177 Specimens of sand-barite crystals from Oklahoma.
- PERRY, T. LOCKWOOD, Asheville, N. C.  
Dendritic markings in Palæozoic sandstone from Yancey County, N. C.
- POWERS, MRS. W. F., Manchester, Vermont.  
132 Fossils from Christiania, Jamaica; Trout Hall, Goshen; Claremont, Jamaica, B. W. I.
- PRICE, DR. G. TOWNLEY, Harrisburg, Pa.  
6 Compound fossil corals, *Favosites columnaris* Hall, Ordovician Age.
- REEDS, DR. CHESTER A., New York City.  
110 Limestone specimens and cave material from Endless Caverns, Va.
- SAUER, JOSEPH J. E., Brooklyn, N. Y.  
9 Specimens, including brachiopods, crinoid stems, bryozoa, from Arlington Height, near Stroudsburg, Pa.
- SCHWARZMAN, MRS., New Rochelle, N. Y.  
Fragment of burnt clay from Haverstraw, N. Y.
- SMITH, FRANKLIN S., Jersey City, N. J.  
2 fossil specimens in Hamilton shale from Hamilton, N. Y.; Photograph of Schoharie grit from east of Plainfield, N. J.
- SMITH, WILBUR F., South Norwalk, Conn.  
Fossil (Pecten) from between Immokalee and Deep Lake, Fla.
- SPEENBURG, ARTHUR, Hunter, N. Y.  
Limestone concretion from Hunter, N. Y.
- STEAMSHIP FUEL COMPANY, New York City.  
Bituminous coal from Van Ormer, Cambria Co., Pa. 1 specimen.
- STONE, F. E., Wichita, Kansas.  
Sample of lodestone.
- TINGLEY, RICHARD H., Port Chester, N. Y.  
24 Fragments of "Hailstones," shell fragments from Danville, Va.
- TORRES, HUMBERTO, New York City.  
2 Quartz crystals from Colombia.
- TRAIN, PERCY, Lower Rochester, Nevada.  
Amethyst "sun-colored" glass bottle from Death Valley.
- VERMONT MARBLE COMPANY, New York City.  
14 Specimens of marble from Vermont, Montana, Colorado, New York and Alaska.
- VERTEBRATE PALÆONTOLOGY, Department of, Museum (Transfer).  
174 Specimens, collected by Mr. Barnum Brown, including lava, spatter bomb, stratified ash, Pierre shale, from New Mexico; Crystals from the Cimarron River; Granite, metamorphosed shale, Deccan trap rock, talc, from Central Provinces, India; Foraminifera, Rohir, Upper Sind; invertebrates, nummulite oil zone, Punjab, India; cretaceous wood from Central Provinces,

India; walnuts, eaten by woodpeckers, from Kashmir, India; Bauxite and limestone from Katani, India; Palæozoic limestone from near Pail, Northwest India; section of fossil limb and a fossil palm from Fruitland beds, 9 miles northeast of Tsaya, New Mexico, collected by C. H. Sternberg.

VISMAS, JOHN, New York City.

2 Fossil leaves from Lavrion, Greece.

WEBSTER, MRS. J. E. B., New York City.

2 Specimens—glacial drift boulder of Schoharie grit, containing fossil coral and brachiopod casts from Greenville, N. Y.

WISSLER, DR. CLARK, New York City.

2 Specimens of clay from Carlsbad Cavern, New Mexico.

#### BY EXCHANGE

RUSSELL, C. P., Yellowstone National Park, Wyoming.

2 Specimens of geyselite; Volcanic rock containing lithophysæ.

WARD'S NATURAL SCIENCE ESTABLISHMENT, Rochester, N. Y.

Hvittis, Finland meteorite, 128½ grams; Weekeroo, Mannahill, South Australia, 3185 grams; Gladstone, Queensland, Australia 16,000 grams.

#### BY PURCHASE

Bust of a coal miner, carved out of Belgian coal chemically treated so that it could be carved with stone chisels.

25 Echinoids from the Comanchean strata of Texas.

8 *Eupatagus floridanus* from Vicksburg group, Johnson's sink, Levy Co., Fla.

Meteorite "Rancho de la Presa" 37 grams, from Michiocan, Mexico.

Meteorite from Cooke County, near Dexter, Texas.

*Coralliochama orcutti* White, from Lower California, Mexico.

Fossil specimen of *Bothriocidaris pahleri* Schmidt, 5 km. north of Wesenberg, Esthonia.

Meteorite, 16,613 grams; Meteorite, 20.4 grams; from Miller, Cleburne County, Arkansas.

## VERTEBRATE PALÆONTOLOGY

### BY GIFT

ABERCROMBIE, ROBERT, Tucumari—Star Route, New Mexico.

12 Phytosaur teeth from Triassic, near Tucumari, New Mexico.

BAILEY, DR. CLYDE R., Gatesville, Texas.

Impression of dinosaur track from Edward limestone, Glenrose, Texas.

BERNHIMER, CHARLES L., New York City.

12 Specimens of bones and matrix from near Red Rock Trading Post, New Mexico.

BOULE, PROFESSOR MARCELLIN, Paris, France.

4 Casts of crowns of molars of Dufort Elephant, upper and lower molars, right and left, from Dufort, France.

BUGG, OWEN, Atlanta, Ga.

Fossil caudal vertebra of a whale, from Florida.

CHARLES, TOM, Alamogordo, New Mexico.

Fossil tooth from near Mocking Bird Gap, New Mexico.

COLLINS, MRS. WILLIAM H., Haverford, Pa.

Geological pick-hammer used by

- Professor Edward Drinker Cope of Philadelphia in his geological work in the Western States. Also used by the late Dr. Henry C. Mercer.
- CORBETT, R. A., Mesilla Park, New Mexico.  
Recent lower jaw of rabbit from Rio Grande Valley; Recent lower jaw of rabbit from Bishops Cap Cave.
- DAMON, R. F., AND COMPANY, London, England.  
Cast of *Sinanthropus pekinensis* skull from Chou Kou Tien, China.
- DAVENPORT, FRANK B., Kingston, Pa.  
5 Amphibian footprints from Raub Coal Company's Mines, from Luzerne near Wilkes Barre, Pa.
- DE VAUGHN, G. O., Pittsburgh, Pa.  
20 Photographs taken near Princeville, Oregon.
- FABER, E. B., Grand Junction, Colorado.  
Fossil specimens from Wasatch.
- GOULD, DR. CHARLES N., Norman, Okla.  
Fragments of jasper, similar to Folsom artifacts, from Amarillo, Texas; 2 boxes of jasper specimens from Canadian River, Texas, exposures, Panhandle of Texas.
- HANSEN, ERASMUS, Brooklyn, N. Y.  
*Mastodon americanus*—R molar; 75 miles S. S. E. of Barnegat Light.
- HOFFMAN, PROF. DR., Göttingen, Germany.  
Casts of 2 Proboscidea teeth *Elephas primigenius*, Siberia, and *Elephas primigenius*, Hartz Mts., Germany.
- HOLMES, WALTER W., St. Petersburg, Fla.  
6 Specimens Pleistocene horses and camels from near Venice, Florida.
- KITCHING, STANLEY, Stuart, Fla.  
Broken molar of *Mastodon americanus* and complete molar of *Serridentinus brewsterensis* from Stuart, Florida.
- LARIMER, JOHN S., Glendive, Montana.  
Specimens of fossil fish from Sentinel Butte, western part of North Dakota.
- LONG, AARON R., Ruskin, Fla.  
Fragments of mammoth teeth from Ruskin, Florida.
- MUSEUM D'HISTOIRE NATURELLE, Marseilles, France.  
Casts of 2 teeth of *Parelephas columbi cayennensis* from Cayenne, South America.
- MUSÉE NATIONAL D'HISTOIRE NATURELLE, Paris, France (Through Dr. Marcellin Boule).  
Casts of 2 molar teeth of Proboscidea, left  $M_3$  and right  $M^2$ , from Durfort, France.
- MCGREGOR, PROFESSOR JAMES H., New York City.  
Cast of skull and brain of *Homo neanderthalensis*, 7 years' child, from La Quina, Clarente, France.
- NATIONAL MUSEUM OF CANADA, Ottawa, Canada. (Through Mr. C. M. Sternberg.)  
Cast of lower jaw of *Megacerops primitivus* from Cypress Hills, Saskatchewan.
- NESTER, ALFRED T., Cardiff, Wales.  
Fragments of mastodon, antler and rhino material, from Pignataro, Italy.
- PARKER, JOHN J., Indian Town, Fla.  
Fragment of upper jaw of *Tanupolama mirifica* with three molars, and an isolated molar of *Equus* species, from Indian Town, Florida.
- READING PUBLIC MUSEUM, Reading, Pa.  
Piece of fossil ivory, from Savannah, Georgia, U. S. Dredge "Morgan."

RIGGS, GEORGE P., St. Marys, West Virginia.

38 Artifacts and stone chips fashioned by Donor.

STEIN, BILLY, Basin, Wyoming.

Crab—recent, *Cancer majista*;  
Clam—possible Jurassic cast;  
Tooth of a modern Bison; from Basin, Wyoming.

BY EXCHANGE

CARNEGIE MUSEUM, Pittsburgh, Pa.  
*Barosaurus* material—vertebræ, from Vernal, Utah (Dinosaur National Monument).

COLORADO MUSEUM OF NATURAL HISTORY, Denver, Colorado.

Skeleton of female Bison, Pleistocene, from Folsom, New Mexico; Skull of *Bison taylora*, from Folsom, New Mexico; Cast of skull of *Bison latifrons*, from Nebraska.

PALÆONTOLOGISK MUSEUM, Oslo, Norway.

Casts of 2 vertebræ of *Oribos moschatus*; 1 tooth of *Elephas primigenius*, from Skjerva sater, Vaage, Norway.

UNIVERSITY OF MICHIGAN, Ann Arbor, Michigan. (Through Dr. E. C. Case.)

Cast of *Buettneria* skull; Cast of model of *Desmotosuchus*.

UNIVERSITY OF NEBRASKA, Lincoln, Nebraska. (Through Dr. E. H. Barbour.)

Left mandibular tusk of *Amebelodon fricki* from Freedom, Frontier County, Nebraska.

UNIVERSITY OF UTAH, Salt Lake City, Utah. (Through Dr. F. J. Pack.)

Partial skeleton of *Barosaurus* body and tail, from Dinosaur National Monument, near Vernal, Utah.

YALE UNIVERSITY, New Haven, Conn. (Through Dr. G. R. Wieland.)

Polished half of type *Araucarites obscurum*.

BY PURCHASE

*Mastodon humboldti* tooth from Quito, Ecuador.

2 Glass negatives of photographs of Proboscidea.

Cast of *Placodus* skeleton.

Partial skeleton of *Barosaurus*, from Dinosaur National Monument near Vernal, Utah.

BY EXPEDITION

BROWN, BARNUM.

Fragments of *Stammosaurus agilis*, from Cameron, Arizona.

COLGATE ARIZONA EXPEDITION. (Mr. Barnum Brown.)

4 Boxes of specimens of Phytosaurs, Labyrinthodonts, Fossil wood, Prehistoric pottery, from Arizona.

HOLMES, WALTER W., and PARKER, J. J.

Small collection of mammal and alligator bones and teeth from Pleistocene beds on the St. Lucie Canal, Florida.

RICHARDSON, HUBERT. (Mr. Barnum Brown.)

*Phytosaur* limb bones and vertebra, from Tanner Crossing, Arizona.

VON HUENE, DR. FRIEDRICH, Tübingen, Germany.

*Plateosaurus* skeleton, from Trossingen, Germany. Received in 1925.

LOWER INVERTEBRATES

BY GIFT

ANDERSON, COLONEL A. A., New York City.

Specimen *Calappa flamma* (Herbst), 1792, from Bellair, Florida.

ANTHROPOLOGY, Department of, Museum. (Transfer.)

- 15 Specimens *Melitodes virgata* Dana from Tuamotu I., Low Archipelago. (Collected by R. H. Beck.)
- BEQUAERT, DR. JOSEPH, Cambridge, Mass.
- 4 Specimens isopods, *Tylos latreil-let*, from east coast of Honduras.
- BOONE, MISS LEE, New York City.
- 4 Myriapods from Poundridge, N. Y.; 50 Specimens of *Caprella linearis* (Linné) from off Key West, Florida.
- BREDER, DR. C. M., New York City.
- Sea mouse *Aphrodite aculeata* (Linn.) from off New Jersey coast.
- BROWN, BARNUM, New York City.
- Specimen of *Ampullaria reflexa* Sowerby from Lake Okechobee, Florida.
- CURRAN, C. H., New York City.
- Collection of Invertebrates—Crustacea, Annulata, Echinodermata, Mollusca, from Fire Island, N. Y. and Cold Spring Harbor, L. I., N. Y. (167 Specimens).
- DAVIS, WILLIAM T., New Brighton, S. I., N. Y.
- 2 Specimens Bryozoa *Alcyonidium mytili* Dalyell from Oakwood, S. I.
- DORLAND, MRS. FRANCES B., New York City.
- Specimen brain coral *Mæandra labyrinthiformis*; 2 Conch shells, *Cassis tuberosa*.
- ENTOMOLOGY, Department of (Transfer.)
- 12 Specimens of isopods; 2 Specimens of myriapods; from Barro Colorado I., Canal Zone.
- GRAVE, PROFESSOR CASWELL, St. Louis, Mo.
- 7 Specimens—ascidians and other invertebrates from Tortugas, Florida.
- GUDGER, DR. E. W., New York City.
- 5 Specimens of holothurians.
- HASSLER, WILLIAM G., New York City.
- 25 Specimens of echinoderms, starfish, ophiurians, sea urchins, from Casco Bay, South Harpswell, Me; 15 Specimens of land shells: 1 Crustacean; from Monte Cristi, Dominican Republic.
- HERMANN, WILLIAM, New York City.
- 1 Specimen of brain coral.
- HERPETOLOGY, Department of (Transfer.)
- 5 Specimens copepods from Arkansas.
- IVES, H. DAVIS, Southampton, L. I., N. Y.
- 561 Specimens of mounted minute shells, land and marine, from Bermuda.
- KNOWLES, BRAMAN, Islamorada, Florida.
- 12 Specimens of land shells from Florida.
- LIMEKILLER, FRED, New York City.
- 3 Shells *Pecten irradians*; 2 Hermit crabs *Pagurus pollicaris*; 4 Parasitic Isopods *Livoneca ovalis* (Say) 1818; Collection of 47 invertebrates—Crustacea, ascidians, jellyfish, marine worms; from Freeport, Long Island.
- LITTLEFIELD, ASHTON, New York City.
- 1 Shell *Crepidula plana* Say from Eastchester Bay, Bronx, N. Y. C.
- MACIOS, MISS MARIE G., New York City.
- 2 Specimens of coral; 7 Specimens of marine shells.
- MARTHENS, LEONARD, New York City.
- Hermit crab *Pagurus longicarpus* Say 1817, from Keyport, N. J.
- MILTENBERG, INC., E., New York City.
- 3 Specimens of pearl shells from Broome, Western Australia.



- MUNROE, R. M., Coconut Grove, Florida.  
1 Claw of *Mithrax spinosissimus* from near Elliots Key, South Miami, Fla.
- NEW YORK AQUARIUM, New York City.  
Lobster (19 pounds) *Homarus americanus* Milne Edwards from Fire Island, L. I., N. Y.
- NICHOLS, JOHN T., New York City.  
Crab *Callinectes sapidus* Rathbun, 1895; 10 young starfishes; from Mastic, L. I., and East Harpswell, Me.
- NOBLE, DR. G. K., New York City.  
6 Leeches; 6 crawfishes; from Lakeland, Ga., and Gainesville, Fla.
- ORNITHOLOGY, Department of, Museum. (Transfer.)  
18 Specimens parasitic worms from the intestine of a crowned crane.
- PUBLIC EDUCATION, Department of, Museum. (Transfer.)  
5 Land shells.
- RACZYNSKI, F., Brooklyn, N. Y.  
Centipede *Scolopendra* sp. from San Juan, Porto Rico.
- REED, CLARENCE R., U. S. S. Arctic.  
62 Specimens of chitons; 8 shells, 1 sea urchin, 2 corals, 7 crustaceans, from Puget Sound, Cuba, California, Panama.
- ROGERS, C. H., Princeton, N. J.  
13 Specimens of marine shells from Kodiak I., Alaska.
- SEBILLE, WILLIAM, Long Island City, N. Y.  
3 Land shells, 1 Marine shell, from West Indies.
- SMITH, FRANKLIN S., Jersey City, N. J.  
Small dredge, Set of collecting boxes.
- STEIN, KARL E., New York City.  
Spider crab from Dayton Bay in Caribbean Sea, about 40 miles north of Honduras coast.
- STUBBLEFIELD, MISS JULIA, New York City.  
16 Specimens of tape-worms from horse mackerel, from Baileys Island, Me.
- STUNKARD, DR. HORACE W., New York City.  
1 Specimen of *Zalophotreme hepaticum* (type) from the liver of a California sea lion.
- TAKAHASI, S., Shimonoseki, Japan.  
8 Specimens of invertebrates—Annelata, Mollusca, Echinodermata, and Crustacea from Japan.
- VERTEBRATE PALEONTOLOGY, Department of, Museum. (Transfer.)  
1 Crab *Cancer magister* Dana, 1852, found near Basin, Wyoming.
- ZETEK, DR. J., Ancon, Canal Zone.  
1 Isopod *Scleropactes zeteki* Van Name 1926, from Barro Colorado Is., Panama.

## BY EXCHANGE

- PEABODY MUSEUM, Yale University, New Haven, Conn.  
2 Specimens of ascidians, *Pyura bradleyi* (cotype) and *Stolonica zorritensis* (type) from Zorritos, Peru.
- SECOND PAWNEE EXPEDITION.  
2 Specimens of *Lysiosquilla maculata* Latreille from La Paz, Lower California.
- SHELFORD, DR. V. E., Champaign, Ill.  
15 Specimens of invertebrates—ascidians, echinoderms, mollusks, amphipods and coelenterates, from Olga, Washington, and Vancouver Island, B. C.

## BY PURCHASE

- An abnormal lobster from Manhattan Beach, N. Y.

## BY EXPEDITION

## ASTOR GALAPAGOS EXPEDITION

(Clarence L. Hay, Dr. James P. Chapin and Dr. Svenson.) Collection of 1179 invertebrates—Anomura, Mollusca, centipedes, ascidians, Brachyura, annulates, echinoderms, Macrura, barnacles, copepods; from Indefatigable Is., Pearl Is., Cape San Antonio, Cuba, Tower I., Cocos Island.

BACON-MINER EXPEDITION and International Expedition to Andros and Bahamas. Collection of invertebrates from Nassau and Andros Islands, Bahamas. (Dr. Roy W. Miner.)

## HEILPRIN-HATT EXPEDITION (Robert T. Hatt.)

3 Specimens of myriapods, 18 specimens of parasitic worms, from Yucatan, Mexico.

## MORDEN-GRAVES NORTH ASIATIC EXPEDITION (George G. Goodwin.)

15 Specimens of fresh-water shells from Kasakstan River, near Syr Darya, 25 Miles northeast of Perorsk, Central Asia.

## SHAPIRO, DR. HARRY L.

72 Specimens of marine shells from Tuamotu I., Low Archipelago.

## STRAUS AFRICAN EXPEDITION (R. and L. Boulton).

4 Land shells, with animals expanded, from Tanganyika, Africa.

1 Specimen potamon *Potamonantes dybowski* Rathbun, crustacean from Milanje Mt., Nyasaland, E. Africa.

## TANGANYIKA EXPEDITION (J. S. Rockefeller, C. B. G. Murphy, A. L. Moses).

1 Centipede from Kenya, Belgian Congo.

## TYLER DUIDA EXPEDITION.

18 Specimens of myriapods; 7 specimens of annulates from Mt. Duida, South America.

## WHITNEY SOUTH SEA EXPEDITION (W. J. Eyerdam).

160 Crustaceans, 2 leeches, 2 land shells, 4 centipedes; from British Solomon Islands; 274 specimens of land shells (15 species). Collected by R. H. Beck in Santo Domingo and Chile; 5000 Specimens of land, marine and fresh-water shells and other invertebrates from Australia and Solomon Islands.

## ENTOMOLOGY

## BY GIFT

## BARBER, H. G., Washington, D. C.

405 Beetles; 804 insects mostly coleoptera; from various parts of the United States.

## BATES, D. M., Lancetilla, Tela, Honduras, Central America.

More than 100 specimens, workers of *Trigona jaty* and queen of *Trigona jaty*, taken from nest in Bamboo section; Larvæ in alcohol; from Lancetilla, Tela, Honduras.

## BATES, MARSTON, Lancetilla, Tela, Honduras, Central America.

17 Unnamed *Trigona* bees, from Guatemala.

## BECK, R. H., Planada, California.

280 Insects from various localities.

## BELL, E. L., Flushing, N. Y.

650 Insects from Nevada and California; 193 Lepidoptera from various localities; 56 Lepidoptera from Guatemala.

## BEQUAERT, DR. JOSEPH, Boston, Mass. (Harvard Medical School).

300 Flies from Yucatan, Mexico.

## BOYCE, A. M., Riverside, California.

15 Specimens of *Rhagoletis juglandis* and *completa*; from California.

- BRODY, LOUIS, AND WAKELEY, J. B. C., New York City.  
3 Tarantulas; 2 scorpions; 12 roaches; from Jamaica and Cuba.
- BROWER, A. E., Ithaca, N. Y.  
21 Lepidoptera; from Missouri.
- BROWN, BARNUM, New York City.  
2 Beetles, from Cameron, Arizona.
- BROWN, F. M., Colorado Springs, Colorado.  
24 Lepidoptera, from Peru, S. A.
- BUEKER, ELMER D., Boulder, Colorado.  
Types of *Trionymus interjecti* and of *Cryptoripersia leucocystis* from Boulder, Colorado.
- BULLOCK, D. S., Angol, Chile.  
More than 100 specimens of Hymenoptera from Angol, Chile.
- BYRD, WILLIAM J., New York City.  
Black scorpion from Guatemala.
- CLARK, B. PRESTON, Boston, Mass.  
11 Lepidoptera, including 6 cotypes; 1 cocoon; from various localities.
- COATES, C. W., New York City.  
Living beetles from New York; 2 Containers of living *Chironomid* larvæ, from New York Aquarium.
- COCKERELL, PROF. T. D. A., Boulder, Colorado.  
Slides of *Nomia zabriskie* Ckll (type specimens 2), *N. bakeri* Ckll (2 specimens), *N. bakerii* Ckll (subsp.) *N. universitatis* Ckll (1 specimen), *N. californica* Ckll (2 specimens).
- Slides of *Antonina littoralis* Ckll (type), *Lorentispis microcoucha* C & B (holotype), *Ceroplestes dozini* C & B (holotype).
- More than 100 insects, named; chiefly from Siam; Chieng-Mai lepidoptera (a few); Part of type of *Antonina littoralis* (in capsule).
- 21 Insects, including holotypes of *Pseudococcus luptriornis* and *Trionymus angustus*; and paratype of *Phaciocephalus cockerelli*; from various localities.
- Lacanium marsupiale* (scale insect), from Siam.  
About 50 insects of different orders.
- CONNECTICUT AGRICULTURAL EXPERIMENT STATION, New Haven, Conn.  
4 Beetles, from Connecticut.
- COOPER, KENNETH, Flushing, N. Y.  
3 Beetles, from Flushing, N. Y.
- CRIMMINS, COLONEL M. L., Fort Bliss, Texas.  
1 Beetle (*Moneilema* sp.) from Fort Bliss.
- FEDERATED MALAY STATE MUSEUMS, Kuala Lumpur, Federated Malay States (Through Mr. C. Boden Kloss).  
180 Flies of the family Syrphidæ, including many paratypes, from Borneo and Malay Peninsula.
- FLUKE, C. L., Madison, Wisconsin.  
13 Flies, including paratypes of *Syrphus infuscatus*, from Wisconsin.
- FRANKEL, MRS. S., New York City.  
2 Hawk moth larvæ (alive), from New York City.
- FROST, C. A., Framingham, Mass.  
34 Coleoptera, from various localities.
- HALL, E. RAYMOND, Berkeley, California.  
Bumble-bee queen and nest, from Barrow, Alaska.
- HALLINAN, T. H., Paterson, N. J.  
75 Insects from Japan.
- HASKIN, J. R., Waterford, Conn.  
About 253 Lepidoptera from United States.
- HAY, CLARENCE L., New York City.  
291 Insects and spiders; from Galapagos Islands.
- HESSEL, JR., S. A., Woodmere, L. I., N. Y.  
6 Lepidoptera from Cuba.

- HEYER, GEORGE G., New York City.  
*Agrias lugens*; *Phyllium crurifolium*.
- HOFFMAN, DR. WM. A., San Juan, P. R.  
 78 Insects, from Porto Rico.
- HOFFMANN, PROF. W. H., Habana, Cuba.  
 10 Insects from Cuba.
- HOLMES, C. M., San Antonio, Texas.  
 320 Lepidoptera; 34 Biological specimens (lepidoptera); 116 Insects, various orders; from Mexico.
- HUNTINGTON, E. I., New York City.  
 2 Types of Lepidoptera from Colorado; 68 Lepidoptera from Nevada and California.
- JOHNSON, FRANK, Glen Ridge, N. J.  
 546 Lepidoptera, various localities.
- KINSEY, PROFESSOR A. C., Bloomington, Indiana.  
 930 Specimens of galls and gall insects, including 290 paratype specimens representing 37 species; various localities.
- KLOTS, A. B., Ithaca, N. Y.  
 2 Types of Lepidoptera, from Wyoming; 2 Paratypes of Lepidoptera, from Lower California.
- KNOWLTON, GEO. F., Logan, Utah.  
 17 Flies from Utah.
- LEGENDRE, MORRIS, Washington, D. C.  
 16 Insects, from Abyssinia.
- LEONARD, DR. M. D., Rio Piedras, P. R.  
 475 Insects, mostly beetles, from Porto Rico and Vieques Is.
- LOVER, MISS ANNA, New York City.  
 1 Lepidopteran from Colombia, S. A.
- MAVROMONSTAKIS, G. A., Limassol, Cyprus.  
 40 Specimens of Cyprus Hymenoptera; 13 Cyprus bees.
- MILLS, A. S., San Juan, P. R.  
 24 Coleoptera from Porto Rico.
- NEVERMANN, FERDINAND, San José, Costa Rica.  
 35 Beetles, including 2 cotypes; from Costa Rica.
- NEW YORK BOTANICAL GARDEN, New York City.  
 56 Insects and arachnids, from Sarawak, Borneo.
- NICOLAY, A. S., Upper Montclair, N. J.  
 65 Beetles, from Hawaii; 157 beetles, from various localities.
- O'KEEFE, CAPTAIN C. F., Rome, Georgia.  
 6 Caddis fly cases, from Rome, Ga.
- PARKS, H. B., San Antonio, Texas.  
 4 Specimens of *Nyctinomus mexicanus*, from Texas.
- PIER, GARRETT C., Greenwich, Conn.  
 1 Moth, collected on ship off Ceylon.
- POLLARD, DR. CHARLES L., St. George, S. I.  
 About 50 specimens, wasps nest and associated wasps (some in alcohol), from Para, Brazil; 30 Lepidoptera, chiefly from Maine.
- POPE, R. A., Forest Hills, L. I., N. Y.  
 135 Insects, from Coalmont, B. C.
- RICHARDS, JR., A. Glen, Ithaca, N. Y.  
 450 Coleoptera, from various parts of the United States.  
 32 Lepidoptera from Georgia.
- RIVERS, DR. A. J., Ozone Park, L. I., N. Y.  
 4 Scorpions, from Miami, Florida.
- ROGERS, W. P., Fall River, Mass.  
 61 Lepidoptera, from Nassau, Bahamas, B. W. I.
- SMITH, DR. HUGH, Washington, D. C.  
 57 Lepidoptera, from Siam.
- STILLMAN, A. L., Plainfield, N. J.  
 16 Lepidoptera, from Santo Domingo.
- TATE, G. H. H., New York City  
 284 Lepidoptera, from Ecuador, S. A., and Dominica, W. I.

THAXTER, DR. ROLAND, Cambridge, Mass.

15 Diopsidæ, from Africa; 20 Flies.

WELD, LEWIS H., East Falls Church, Virginia.

32 Paratypes of galls and gall insects, from Cave Creek, Arizona.

WOOD, WM. C., New York City.

About 510 Lepidoptera, from Africa.

WUSTER, C. W., New York City.

8 Lepidoptera, various localities; 9 moths, from Australia.

BY EXCHANGE

BEAMER, R. H., Lawrence, Kansas.

Cotype of *Melanostoma concinnum* Snow.

MAVROMONSTAKIS, G. A., Limassol, Cyprus.

25 Orthoptera (named), from Cyprus.

STAATLICHE MUSEEN FÜR TIERKUNDE, und Völkerkunde, Dresden, Germany.

127 Diptera and Coleoptera, including cotypes of 10 species.

BY PURCHASE

About 250 Hesperiidæ, from Brazil and Peru (Dr. C. L. Pollard).

BY EXPEDITION

OTTLEY-ANTHONY SOUTH AMERICAN EXPEDITION (Harold E. Anthony).

7 Hymenoptera, from Chile.

RUWENZORI-KIVU EXPEDITION (Dr. James P. Chapin).

200 Insects, from Africa.

WHITNEY SOUTH SEA EXPEDITION (Hannibal Hamlin).

7 Insects from Bougainville, Solomon Is., 925 Insects from Choseul Island.

ICHTHYOLOGY

BY GIFT

BOSCH, A., Croydon, England.

Jaws of large characin, from Province of São Paulo, Brazil.

CHADBOURNE, MRS. H. W., New York City.

3 Mounted fishes—grouper, barracuda, and amber-jack; from Florida.

CONWAY DENTAL MANUFACTURING COMPANY, INC., Jacksonville, Fla.

Mounted teeth, in jaws, of sheepshead.

CRAWFORD, MORRIS DE CAMP, Nyack, New York.

1 Pug-headed trout, from Willowemoc, N. Y.

DEAN, MRS. BASHFORD, Riverdale-on-Hudson, N. Y.

Buffon medal, Daniel Giraud Elliot medal, Order of the Légion d'Honneur, awarded to Dr. Dean.

DWIGHT, JR., JONATHAN.

"Crucifix fish" from West Indies.

FIRTH, F. E., Cambridge, Mass.

8 Deformed mackerel; 5 mackerel; 1 sea bass.

FORCE, MISS EDITH, Tulsa, Oklahoma.

About 100 identified fresh-water fishes (12 species), from Okmulgee County, Oklahoma.

GRANT, GORDON, Los Angeles, California.

7 Specimens of small fishes *Fundulus parvipinnis*, from Los Angeles, California.

GUDGER, DR. E. W., New York City.

1 Catfish skull—frontals and brain-case, *Felichthys*; 1 Catfish skull—frontals and brain-case, *Galeichthys*; from Beaufort, N. C.

HATT, ROBERT T., New York City.

Sailfish skull, from Fort Lauderdale, Fla.

- HERPETOLOGY, Department of, Museum (Transfer).  
 25 Small fishes (Van Hyning, Florida material); 4 small fishes, from Lakeland, Ga.
- JANOVICI, S., New York City.  
 5 Fossil fishes, from Algiers.
- JOSEPH, ELLIS S., New York City.  
 1 Eel.
- KENNEDY, DONALD G., Vaitupu, Ellice Island.  
 2 Bottles Ruvettus oil from Vaitupu, Ellice Islands.
- LATIMER, JOHN S., Glendive, Montana.  
 9 Fossil fishes from Sentinel Butte, N. Dak.
- LIMEKILLER, FRED, New York City.  
 6 Fishes, including 2 *Syngnathus*, *Synodus*, 1 *Tautoga*, 1 *Tautoglabrus*, Freeport, L. I., N. Y.
- LINFOOT, D. F., Halstead, Essex, England.  
 Head of pug-nosed trout, from England.
- MOWBRAY, L. L., Bermuda.  
 4 Sucking fishes from Miami, 1 pair twinned trout from Yama Farms, N. Y.
- MULLIKEN, JOHN H., New York City.  
 1 Mounted fish, *Elagatis bipinnulatus*, from Florida.
- NEW YORK AQUARIUM, New York City.  
 Large jewfish.
- O'KEEFE, CAPTAIN C. F., Rome, Ga.  
 7 Lamprey eels from Coosa River, Rome, Ga.
- ORNITHOLOGY, Department of, Museum (Transfer).  
 14 Fresh-water fishes, from Southern Pines, N. C.
- PUTNAM, ANDREW, New York City.  
 2 Shore eel-pout, *Zoarces anguillaridis*, off Sea Cliff.
- REITZAMMER, L., Arkansas City, Arkansas.  
 An alligator gar skin, *Lepisosteus spatula*, 7 feet 6 inches long; 32 inches in girth, from Arkansas. Heads of 2 alligator gar from Arkansas.
- SHAPE, WM. H., New York City.  
 2 Saws of sawfishes.
- TOWNSEND, A. A., Napanoch, N. Y.  
 1 Pair twinned trout.
- UNITED STATES BUREAU OF FISHERIES, Washington, D. C. (Through F. E. Firth).  
 1 Spade fish *Chaetodipterus faber*; 2 *Trachinotus falcatus*; 1 *Cetopristes philadelphicus*.
- VERTEBRATE PALÆONTOLOGY, Department of, Museum (Transfer).  
 2 Fossil bones from Kettleman Hills, California.
- WALBRIDGE, A. E., Roslyn, L. I., N. Y.  
 Abnormal flounder from Hempstead Harbor, L. I.
- WITTMAN, MISS LINETTE, New York City.  
 Skin and head of a Pacific sailfish, from Cocos Is.
- BY EXCHANGE
- COLUMBIA UNIVERSITY, New York City (Through Dr. J. H. McGregor).  
 1 Lot *Mistichthys luzonensis*, from Lake Buhi, Camarines, Philippine Is.
- KIAER, PROFESSOR JOHAN, Oslo, Norway.  
 9 Casts fossil fishes, *Acanthaspida*; 4 Fossil trilobites; 2 Pieces *Ovibos moschatus*.
- MUSEUM OF COMPARATIVE ZOOLOGY, Cambridge, Mass. (Through Dr. N. A. Borodin).  
 Fish skeletons—6 mounted, 26 complete unmounted, 27 incomplete; 5 Specimens of blenny from Kamchatka.
- UNIVERSITY OF MICHIGAN, Ann Arbor, Michigan (Dr. Carl L. Hubbs).

2 Fishes, *Ectarius australis*, paratype, from Red River, Oklahoma.

BY PURCHASE

Basking shark from Monmouth Beach, N. J.

Small striped bass.

BY EXPEDITION

HEILPRIN - HASSLER EXPEDITION  
(Wm. G. Hassler).

8 Specimens marine fishes from Santo Domingo.

STRAUS AFRICAN EXPEDITION (R. and L. Boulton).

About 500 fishes from Africa.

WHITNEY SOUTH SEA EXPEDITION  
(Received through Department of Ornithology).

18 Marine fishes from Eastern Pacific; 9 marine fishes from Solomon Islands.

HERPETOLOGY

BY GIFT

ARCHBOLD, RICHARD, Thomasville, Ga.

11 Frogs and toads, 1 lizard, 1 snake, 4 turtles, 1 box turtle; from Thomasville, Ga.

BOGERT, CHARLES M., Los Angeles, Calif.

121 Living salamanders from South Pasadena, Calif.; 10 night lizards from Harold, Calif.; 18 lizards, 5 snakes, from Sespe Creek, Ventura Co., Calif.; 15 lizards, 1 snake, 1 rattlesnake, from Los Angeles, Calif.; 1 lizard, 1 snake, from Riverside, Calif.

BRADY, M. K., New York City.

1 Skink from Bear Mountain, N. Y.

BRODY, L., New York City.

2 Geckos, from Jamaica banana boat; 1 young boa from Honduras.

BURT, MRS. CHARLES, New York City.

10 Salamanders, 1 frog, 2 toads, from Bergen Co., N. J.

CARR, WILLIAM H., New York City.

1 Marble salamander, 16 snakes, 1 snapping turtle, from Bear Mountain, N. Y.; 2 box turtles from Grandfather Mountain, N. C.

CARSON, CHARLES W., Tappan, N. Y.

1 Snake from Tappan, N. Y.

CARTNEL, JONATHAN, New York City.

2 Mexican snakes from Terminal Camp near Tampico, Mexico.

COOMBS, MRS. ROBERT, Ridgewood, N. J.

1 Musk turtle from New Jersey.

CRIMMINS, COLONEL M. L., Fort Bliss, Texas.

5 Lizards from Fort Bliss, Texas.

CUNNINGHAM, DR. H. S., Paget East, Bermuda.

1 Skink from Bermuda Agricultural Station, near Hamilton, Bermuda.

DE BOER, WILLIAM, Annville, Kentucky.

11 Salamanders, 3 lizards, from Annville, Ky.

DUTCHER, IRVING, New York City.

1 Salamander from West Shore of Greenwood Lake, N. J.

ELLIS, G. D., Winton, N. C.

Snake from Winton, Hertford Co., N. C.

FARRIS, EDMOND J., Charleston, S. C.

10 Salamanders from Charleston, S. C.

FORCE, EDITH R., Tulsa, Oklahoma.

2 Frogs, 18 lizards, 12 snakes; from Tulsa, Oklahoma.

GARDINER, ANNE, Flushing, N. Y.

7 Salamanders.

GRANSAULL, P. R., New York City.

1 Lizard from Trinidad, B. W. I.

GREENHALL, ARTHUR, New York City.

20 Salamanders, 13 frogs, 1 toad, 8 tadpoles, 7 snakes, 5 turtles, no location given; 1 turtle from New York; 94 salamanders, 10 frogs, 1 toad, 20 tadpoles, from Nepera and Donald Parks, West-

- chester Co., N. Y.; 45 frogs, 47 toads, 261 lizards, 33 snakes, 19 turtles, from Cuba
- HALSEY, ARTHUR**, New York City.  
Watersnake from Kanohwahke Lake, N. Y.
- HASSLER, W. G.**, New York City.  
12 Toads, 30 lizards, from Lakehurst, N. J.
- HAY, CLARENCE L.**, New York City.  
9 Lizards from Academy Bay, Indefatigable I., Galapagos.
- HOFFMAN, PROFESSOR W. H.**, Habana, Cuba.  
1 Snake from Habana, Cuba.
- HOLMES, WALTER W.**, Waterbury, Conn.  
Skin of Florida bull-snake from Florida.
- ICHTHYOLOGY**, Department of, Museum (Transfer).  
2 Toads, 21 lizards, 5 snakes, from India.
- JOHNSON, DONALD**, New York City.  
7 Salamanders from Yonkers, N. Y.;  
31 Salamanders, 4 Lots of salamander eggs, 60 frogs, 25 lots of frog eggs, from New Jersey.
- JOHNSON, J. M.**, New York City.  
9 Toads from Barro Colorado Island, Panama.
- JOSEPH, ELLIS S.**, New York City.  
5 Lizards from South America; 11 alligators from Alligator Lake, Florida.
- KOPMANN, DIANE**, New York City.  
1 Turtle.
- McCLURE, GERVAIRE W.**, Knoxville, Tenn.  
137 Salamanders from near Gatlinberg, Tenn.
- MARCH, DOUGLAS D. H.**, Haddon Heights, N. J.  
1 Preserved cæcilian from San Pedro, Sula, Republic of Honduras.
- MILLER, MISS B. S.**, Kingston, N. Y.  
1 Milk snake from Kingston, N. Y.
- MILLER, MRS. W. J.**, Richmond Hill, N. Y.  
Exhibit of 8 turtles, 1 mounted turtle.
- NEW YORK BOTANICAL GARDEN**, New York City.  
1 Toad, 1 snake, from Sarawak, Borneo.
- NEW YORK ZOOLOGICAL SOCIETY**, New York City.  
1 Frog, 9 lizards, 49 snakes, 5 turtles.
- NICHOLS, J. T.**, New York City.  
6 Frogs from East Harpswell, Me.;  
1 sea turtle from Oyster Bay, L. I.; 2 musk turtles, 1 turtle, from Mastic, L. I.
- NUGENT, MRS. ELIZABETH D.**, New York City.  
1 Spotted turtle from Spring Mount, Montgomery Co., Pa.
- O'BRIEN, THEODORE F.**, New York City.  
31 Salamanders, 5 frogs, 10 lots of frog eggs, 1 snake, from Flushing, N. Y.
- OLSON, MISS ETHEL**, West Nyack, N. Y.  
1 Salamander from Alpine, N. J.;  
8 frogs from Harrington, N. J.
- ORNITHOLOGY**, Department of, Museum.  
8 Salamanders, 24 frogs, 16 toads, 2 lizards, 74 snakes, 4 turtles; from New Jersey (material collected by W. DeW. Miller).
- PINNEY, ROY**, New York City.  
69 Frogs, 18 lizards, 5 snakes, from Kartabo, British Guiana.
- PULLEN, C. D.**, Mount Vernon, N. Y.  
1 Snapping turtle from Putnam Co., N. Y.
- ROE, FREDERICK W.**, New York City.  
2 Snake skins from Chiriqui Province, N. Panama.
- SMITH, HOBART M.**, Manhattan, Kansas.  
2 Lizards from Kansas.



TOOMEY, MR., New York City.

1 Lizard.

TRAILFINDERS, Swartout, Calif.

3 Lizards.

VAN HYNING, O. C., Gainesville, Fla.

14 Salamanders, 6 frogs, 4 tadpoles,  
161 water snakes, from Florida.

VOGT, WILLIAM, Hastings-on-Hudson,  
N. Y.

2 Lizards from Keg Mountain, near  
Peekskill, N. Y.

WATCHUNG COUNCIL, Boy Scouts of  
America, Plainfield, N. J.

1 Black snake, 1 green snake, from  
Glen Gardner, N. J.

WEBB, PAUL A., Meadville, Pa.

1 Salamander, near Franklin, Pa.

WEBER, JAY A., Leonia, N. J.

33 Frogs, 91 frogs and toads, 6 tad-  
poles, 71 lizards, 47 snakes, from  
Cuba; 4 salamanders, 2 frogs,  
20 lots of frog eggs, from Closter,  
N. J.

YAMANAKA AND COMPANY, New York  
City.

Tortoise shell cigarette case with  
design of cherry tree in gold  
lacquer, 1 tortoise shell cigarette  
case, sectional; 1 tortoise shell  
ring chain.

YEATON, S. C., Bayside, L. I.

24 Frogs from Bayside, L. I.;  
1 baby turtle from Bear Moun-  
tain, N. Y.; 3 salamanders from  
Hollis, L. I.

ZULUETA, ANTONIO DE, Madrid,  
Spain.

8 Living salamanders from Madrid,  
Spain.

#### BY EXCHANGE

BISHOP MUSEUM, Honolulu, Hawaii.

110 Lizards from Pacific Islands.

BRITISH MUSEUM (Natural History),  
London, England (Dr. Malcolm  
Smith).

17 Frogs and toads, 1 lizard, 4  
snakes; from China, Malay

Peninsula, Siam, Borneo.

GEYER, HANS, Regensburg, Germany.

10 Salamanders from Ursula, Sar-  
dinia; 15 salamanders from  
Genoa, Italy.

INSTITUTO OSWALDO CRUZ, Rio de  
Janeiro, Brazil (Dr. A. Lutz).

36 Frogs (23 species).

KLAUBER, L. M., San Diego, Cali-  
fornia.

1 Preserved snake from San Pas-  
qual, Calif.

LANTZ, L. A., Manchester, England.

4 Living salamanders from South-  
ern France.

MUSEUM OF COMPARATIVE ZOOLOGY,  
Cambridge, Mass.

6 Lizards from South America.

U. S. NATIONAL MUSEUM, Washing-  
ton, D. C.

7 Lizards.

#### BY PURCHASE

166 Salamanders, 190 frogs, 4 toads:  
100 tadpoles, 11 lizards, 1 snake,  
1 turtle, from Lakeland, Ga.

157 Frogs and toads, 21 lizards,  
from Miami, Fla.

30 *Necturus punctatus* from Raleigh,  
N. C.

163 Salamanders, salamander eggs,  
9 frogs, 44 lizards, 1 snake, from  
Gainesville, Fla.

82 Salamanders, 5 frogs, 122 lizards,  
1 swift, 3 skins, 1 snake, from  
Ashburn, Ga.

2 Salamanders, 49 frogs, 36 lizards,  
2 *Pseudacris nigrita*, 2 *Eurycea*  
*bilineata cirrigera*, from Biloxi,  
Miss.

53 Salamanders from Charleston,  
S. C.

104 Salamanders, 19 adult *Aneides*  
*æneus*, 15 Immature *Aneides*  
*æneus*, from Pine Mountain, Ky.

616 Salamanders, 200 salamander  
eggs, 1 frog, 2 lizards, from Win-  
ton, N. C.

- 31 Salamanders, 10 frogs, 123 lizards, 1 snake, from Spain.
- 144 Lizards from Balearic Islands.
- 67 Lizards from Samana, Dominican Republic.
- 39 Frogs, 42 tadpoles, 3 lots of tadpoles, 26 reptiles, 2 lizard eggs, 2 lizard embryos, from India.
- 234 Salamanders, 52 lizards, 76 snakes, from Imboden, Arkansas.
- 65 Lizards, 8 lizard eggs, 1 snake, from San Antonio, Texas.
- 99 Salamanders from Pine Mountain, Ky.
- 251 Salamanders, 569 frogs, 78 larvæ, 186 tadpoles, 1 toad, 6 snakes, from Washington and Oregon.
- 590 Lizards from Monte Cristi, Dominican Republic.
- 20 Lizards from Manhattan, Kansas.
- 53 *Cryptobranchus alleganiensis* larvæ from Youngsville, Pa.
- 19 Salamanders, 413 frogs, 24 bullfrogs, from Louisiana.
- 32 Salamanders from Venango, Pa.
- 23 Frogs, 22 lizards, 2 snakes, 1 turtle, 1 crocodile, from Bel-fate, Honduras.
- 69 Frogs, 11 lizards, 4 lizard eggs, 3 snakes, from Florida.
- 100 Salamander larvæ from Mead-ville, Pa.
- 3 Salamanders from Louisiana and Georgia.
- 381 Salamanders, 10 batches sala-mander eggs, 47 frogs, from Bay-side, L. I.
- BY EXPEDITION
- ASTOR GALAPAGOS EXPEDITION (Dr. James P. Chapin).
- 43 Lizards, 1 alligator, 5 snakes, 1 marine iguana, from Galapagos Is. and Cocos Is.
- BRADY, MAURICE K.
- 195 Salamanders from Winton, Gates Co., N. C.; 12 salamanders, 1 frog, from Washington, D. C.
- CHAPIN CONGO EXPEDITION (Dr. James P. Chapin).
- Froth nest of frogs from Belgian Congo, Africa.
- HEILPRIN-HASSLER EXPEDITION (William G. Hassler).
- 289 Frogs, 79 tadpoles, 549 frog eggs, 3400 lizards, 3056 lizard eggs, 143 snakes, 1 turtle, from Dominican Republic.
- HEILPRIN-HATT EXPEDITION (Robert T. Hatt).
- 1 Frog, 27 toads, 2 tadpoles, 101 lizards, 1 lizard skeleton, 21 snakes, 2 turtles, from Yucatan, Mexico.
- LEE GARNETT DAY RORAIMA EXPEDITION (G. H. H. Tate).
- 2 Toads from Mt. Roraima, Venezuela.
- MORDEN-GRAVES EXPEDITION.
- 3 Toads, 1 lizard, 5 snakes, from Turkestan.
- NOBLE, G. KINGSLEY.
- 105 Salamanders, 37 frogs, 34 toads, 3 snakes, 3 turtles from Lakeland, Ga.; 32 salamanders, 52 frogs, 13 lizards, 2 snakes, 2 turtles, from Gainesville, Fla.
- POLYNESIA EXPEDITION (Dr. Harry L. Shapiro).
- Skink from Amanu, a coral island of the Tuamotu Group, E. Pacific.
- POPE, CLIFFORD H.
- 5 Salamanders, 1 frog, from Wash-ington, D. C.
- POPE, CLIFFORD H., AND BRADY, MAURICE K.
- 300 Salamander eggs from Wash-ington, D. C.
- STRAUS AFRICAN EXPEDITION (R. and L. Boulton).
- 574 Frogs, 139 toads, 12 tadpoles, 567 lizards, 101 snakes, 2 turtles, from Tanganyika Terri-

- tory and Nyassaland, Africa.
- TANGANYIKA EXPEDITION** (Messrs. J. S. Rockefeller, C. B. G. Murphy, and A. L. Moses).
- 1 Lizard from Belgian Congo.
- TAYLOR SUDAN EXPEDITION** (Received from H. E. Anthony).
- Crocodile skin from Malut, White Nile.
- VAN HYNING, O. C.**
- 173 Salamanders, 107 frogs, 9 tadpoles, 34 lizards, 6 snakes, 9 turtles, 1 cluster eggs; from Florida.
- VERNAY ANGOLA EXPEDITION** (Messrs. H. Lang and R. Boulton).
- 6 Frogs, 1 series of tadpoles, 14 lizards, 4 snakes, from Angola.
- WHITNEY SOUTH SEA EXPEDITION** (W. J. Eyerdam).
- 8 Frogs, 23 lizards, 17 snakes, 1 turtle, from Solomon Islands.
- BY LOCAL FIELD WORK
- BRADY, MAURICE K.**
- 3 salamanders, 10 lots of salamander eggs, 2 frogs, from Long Island.
- BRADY, MAURICE K., AND BRADY, CHARLOTTE C.**
- 34 Salamanders from Alpine, N. J.; 38 salamanders from Grassy Sprain Reservoir, Westchester Co., N. Y.
- BURT, CHARLES E., AND BURT, MAY D.**
- 12 Salamanders from near Nyack, N. Y.; 22 frogs from Harrington Park, N. J.
- BURT, CHARLES E., AND HASSLER, WM. G.**
- 158 Salamanders, 3 frogs, from Alpine, N. J., and Rockland County, N. Y.
- BURT, CHARLES E.; HASSLER, WILLIAM G.; KOTCHER, EMIL.**
- 115 Salamanders, 17 frogs, 22 toads, from Bergen Co., N. J.
- CRAMB, HAROLD.**
- 5 Toads, 3 frogs, from Phelps Estate.
- GREENHALL, ARTHUR, AND HASSLER, W. G.**
- 64 Salamanders, 61 frogs, from West Haverstraw and Bear Mountain.
- HALSEY, ARTHUR.**
- 4 Frogs, 4 toads, from Phelps Estate.
- HASSLER, WILLIAM G.**
- 6 Salamanders from Yonkers, N. Y.; 26 salamanders, 61 frogs, 25 lots of frog eggs, from New Jersey; 3 frogs from Harrington, N. J.; 1 frog, 26 toads, from Phelps Estate; 77 salamanders from Yonkers and Bear Mountain, N. Y.; 19 salamanders, 4 frogs, from Grassy Sprain, N. Y.; 10 salamanders, 7 frogs, from Croton River Valley and north of Tarrytown, N. Y.; 10 salamanders from New York City; 123 salamanders, 22 frogs, from Wittenberg, N. Y.
- HASSLER, WILLIAM G., AND KAUFFELD, C. F.**
- 15 Salamanders, 1 frog, from New Jersey.
- HOCH, CHARLES.**
- 5 Frogs, 10 toads, from Phelps Estate.
- JOHNSTON, DONALD; KOTCHER, EMIL; HASSLER, WM. G.**
- 7 Salamanders, 56 frogs, from northeast of Peekskill, and Bear Mountain Section, N. Y.
- KOTCHER, EMIL.**
- 18 Salamanders, 4 lots of salamander eggs, 23 frogs, from New Jersey.
- KOTCHER, EMIL, AND HASSLER, WM. G.**
- 30 Salamanders, 1 cluster salamander eggs, 10 salamander eggs, from Yonkers and points north.

## NOBLE, G. KINGSLEY

9 Lizards from New Jersey; 15 Salamanders, salamander eggs, 2 frogs, 1 snake, from Coram, L. I.; 10 salamanders, 4 salamander larvæ, from Leonia, N. J.

## POPE, CLIFFORD H.

4 salamanders from Alpine, N. J.; 7 frogs from Harrington, N. J.; 1 frog, 1 lizard, from Lakehurst, N. J.

## POPE, C. H.; CARR, W. H.; HASSLER, W. G.

14 Frogs, 28 newts, from Bear Mountain Park, N. Y.

## POPE, C. H., AND HASSLER, W. G.

1 Lizard from Breakneck Ridge, Putnam Co., N. Y.

## POPE, MR. AND MRS. C. H.; HASSLER, W. G.

41 Salamanders, 2 lots newly hatched salamanders, 1 cluster of salamander eggs, from Montrose and Sleepy Hollow, N. Y.

## POPE C. H.; HASSLER, W. G.; EVANS, MISS G.

77 Salamanders, 60 frogs, from Bear Mountain Park, N. Y.

## POPE, MR. AND MRS. C. H.; VOGT, WM.; PETERSON, R. H.; HASSLER, W. G.

3 Lizards, 1 snake, from Keg Mountain, Westchester Co., N. Y.

## YEATON, S. C.

612 Salamanders, 80 frogs, from Bayside, and other locations in Long Island.

## YEATON, S. C., AND HASSLER, WM. G.

379 Salamanders, 12 frogs, 2 snakes, from Bayside, L. I.

Wings of a barn owl from Baldwin, L. I., N. Y.

## BACHUS, CHARLES J., New York City.

Golden-headed parrot.

## BAILEY, MRS. CORNELIA E., Charlevoix, Michigan.

Robin's nest containing five eggs from Michigan.

## BARNARD, GEORGE G., New York City.

King bird of paradise from Old World.

## BISCHOFF, GILBERT R., New York City.

Specimen of cedar waxwing from Camp Seneca, Stonehouse, N. Y.

## BLOOM, MORTIMER L., New York City.

Yellow-bellied sapsucker from New York City.

## BROWNING, H., New York City.

Jay from Guatemala, Bronzed grackle.

## BULLOCK, DILLMAN S., Angol, Chile.

Skins of 2 *Sterna trudeaui* from Penco, Chile.

## CARTER, T. DONALD, New York City.

2 Pygmy falcons from Dire Dawa, Abyssinia.

1 Scaup duck from Barnegat, New Jersey.

## CUMMING, R. A., Vancouver, B. C.

Skins of 4 mynas from Vancouver, B. C.

## DOMINICK, MRS. W. M., Englewood, N. J.

Golden-crowned kinglet.

## EATON, WARREN F., New York City.

Catbird from Upper Montclair, N. J.

## EAYRE, OSCAR, Barnegat, N. J.

Scaup duck from Barnegat, N. J.

## FABLE, WILLIAM, Mayaguez, Porto Rico.

One hen's egg.

## FRICK, CHILDS, New York City.

310 Birdskins from Abyssinia.

## FRIEDMAN, RALPH, New York City.

## ORNITHOLOGY

## BY GIFT

## ARCHBOLD, RICHARD, New York City.

4 Birds from Thomasville, Georgia.

1 Bird from Florida.

## BAASCH, K. W., New York City.

- Yellow-bellied sapsucker, New York City.
- FROELICHER, ARTHUR, New York City.  
Case containing pair of mounted bob-white.
- GREENWAY, DR. J. C.  
1765 Birdskins from Indo-China and 162 alcoholic bird specimens; (Material collected by the Delacour-Jabouille Expedition).
- HOFFMAN, C. A. T., New York City.  
1 Brown creeper, South Nyack, N. Y.
- JOSEPH, ELLIS S., New York City.  
1 Cacique, 2 ducks, 1 guan, 1 heron, 1 white heron, Old World; 1 scarlet ibis, 1 rail, 8 toucans.
- KEITH, MISS ANNA E., Flushing, L. I., New York.  
Woodcock from Flushing, L. I.
- LEARY, MISS MARY L., New York City.  
Barn swallow.
- MACKAY, MALCOLM, New York City.  
Surf scoter from Barnegat, N. J.
- MICHAELS, MICHAEL, Croton-on-Hudson, N. Y.  
Barred owl.
- MOORE, ROBERT T., Pasadena, California.  
Specimen of giant humming-bird in alcohol from Ecuador.
- MORRIS, DR. L. R., Morris, N. Y.  
Red-tailed hawk.
- MORTIMER, LAWRENCE, Garden City, N. Y.  
Specimen of buffle-head from Shinnecock Bay, L. I.
- MCLHENNY, E. A., Avery Island, La.  
Young wood-thrush from Avery Island, La.
- NAUMBURG, MRS. E. M. B., New York City.  
2635 Birdskins from Brazil; 155 birds in formalin from Brazil; Nests of *Cacicus* and *Ostinops*; 1 rhea's egg from Paraguay.
- Material collected by Emil Kaempfer.
- NEW YORK AQUARIUM, New York City.  
Galapagos penguin, 2 fork-tailed gulls, from Galapagos Is.
- NEW YORK ZOOLOGICAL SOCIETY, New York City.  
2 birds of paradise, 1 six-plumed bird of paradise, 1 booby, 1 green cacique, 1 one-wattled cassowary from Jobi Island, New Guinea; 1 flightless cormorant from Galapagos Is.; 1 Australian crane, 1 specimen *Chloeophaga poliocephala*, 1 diamond dove, 1 lemon dove from Africa; 1 Bahama tree duck, 1 yellow-billed duck from South Africa; 1 pygmy falcon, 1 flycatcher, 1 gallinule from oriental region, 1 guan, 1 hawk from India, 1 hawk from Galapagos Is., 1 ibis from Guiana, 1 kagu, 1 kite, 1 pigeon, 1 blue magpie, 1 myna from Java, 1 Cuban barn owl, 1 blue grass parrakeet, 1 parrot, 1 Amazon parrot, 1 Old World partridge, 1 Galapagos penguin, 1 black-breasted pheasant, 1 pigeon from Timor I. near Java, 1 fruit-pigeon from New Guinea, 1 fruit pigeon from Papua, 1 fruit pigeon, 1 Reinwardt pigeon from Papua, 1 green-breasted pitta, 1 red-wattled plover from India, 1 yellow-wattled plover from India, 1 blue-headed quail dove, 1 sheldrake from Australia, 1 South African sheldrake, Old World starling, skin of crested glossy starling from Africa, 2 starlings from Papua, 1 Mexican ant tanager, 1 scarlet tanager, 1 toucan, 1 blue wren from Australia.
- SALLEY, MR. A. C., São Paulo, Brazil.

- 21 Birdskins from Brazil.  
 SANFORD, DR. L. C., New Haven, Conn.  
 4 Old World birdskins, including 1 *Pterocles alcata caudacutus* ♂, 1 *Pseudotantalus l. leucocephalus* ♀, 1 *Laetes lanceolatus* ♀, 1 *Corvus cornix capellanus*; 3 birdskins—1 teal, 1 *Urolais mariæ*, 1 *Parotia wahnesi*, from Fernando Po, New Guinea, 1230 birdskins from New Guinea, collected by E. Mayr, 72 birdskins from New Zealand, 20 birdskins, Old World, 403 birdskins from Morocco, and Algeria, Africa.
- SMITH, WILLIAM F., South Norwalk, Conn.  
 1 Gallinule.
- STAGG, FREDERICK L., Colorado Springs, Colo.  
 13 Skins of birds—12 hummingbirds, 1 jacamar, from Ecuador.
- STAMP, DR., New York City.  
 7 Nonpareils from Guatemala.
- STEVENSON, MAXWELL, New York City.  
 1 Macaw, mounted.
- THURSTON, H., Montrose, New York.  
 Hooded merganser.
- BY EXCHANGE
- BOCAGE MUSEUM, Lisbon, Portugal.  
 4 Birdskins, including 2 *Monticola angolensis*, 1 *Amadina erythrocephala*, 1 *Lanius souzæ*.
- BRITISH MUSEUM (Natural History), London, England.  
 Specimen of *Conothraupis speculigera*, specimen of *Pareudiastes pacificus*.
- FIELD MUSEUM OF NATURAL HISTORY, Chicago, Illinois.  
 Specimen of *Pterodroma leucoptera longirostris*.
- MUSEO NACIONAL DE HISTORIA NATURAL, Buenos Aires, Argentina.  
 4 Specimens of *Otus choliba* from Paraguay.
- MUSEUM OF COMPARATIVE ZOOLOGY, Cambridge, Mass.  
 Skin of *Acanthornis magna* ♀ from Mt. Arthur, Tasmania.
- UNITED STATES NATIONAL MUSEUM, Washington, D. C.  
 167 Birdskins, chiefly from China, a few from Sumatra, Japan, and Korea.
- UNIVERSITY OF NORTH CAROLINA, Chapel Hill, N. C.  
 Skin of Sycamore warbler, skin of Labrador chickadee.
- ZOOLOGISCHES MUSEUM, Berlin, Germany.  
 6 Birdskins, including 2 *Erythrina symoica*, 2 *Erythrina pulcherrima argyrophenges*, 1 *Petronia petronia*, 1 *Lophobacilius elegans*.
- BY PURCHASE
- Skins of 8 petrels from Bunbury Beach, West Australia (Whitney South Sea Fund).
- BY EXPEDITION
- ASTOR GALAPAGOS EXPEDITION (Dr. James P. Chapin).  
 154 Birdskins from Indefatigable I., Albemarle I., Galapagos Is.
- CORREIA GULF OF GUINEA EXPEDITION (J. G. Correia).  
 293 Birdskins, 5 nests, from Fernando Po Is., Gulf of Guinea.
- HEILPRIN-HASSLER EXPEDITION (William G. Hassler).  
 34 Birds in alcohol from Dominican Republic.
- MORDEN-GRAVES EXPEDITION (George G. Goodwin).  
 83 Birdskins from Russian Turkestan.
- OLALLA BROTHERS.  
 9250 Birdskins from Brazil.
- STRAUS AFRICAN EXPEDITION (R. and L. Boulton).

- 666 Birdskins, 4 jars of alcoholics, 152 bird skeletons, from Nyassaland and Tanganyika Territory.
- TANGANYIKA EXPEDITION (Messrs. J. S. Rockefeller, C. B. G. Murphy, and A. L. Moses).
- 335 Birdskins, 3 birds in alcohol, from district west of Razizi River, Belgian Congo.
- VERNAY INDIAN EXPEDITION (Mr. C. McCann).
- 2 Pheasants from Assam, India.
- WHITNEY SOUTH SEA EXPEDITION (Messrs. H. Hamlin, W. F. Coultas, W. J. Eyerdam, E. Mayr).
- 2810 Birdskins, 1 nest, from Solomon Islands.
- MAMMALOGY**  
BY GIFT
- ARCHBOLD, RICHARD, New York City.  
24 Mammals from Georgia; 2 mammals from Vermont.
- ARGYROPULO, DR. ANATOL J., Leningrad, U. S. S. R.  
4 Photographs of jumping mice.
- ARWIDSSON, I., Upsala, Sweden.  
8 Photographs of the bushmouse from Sweden.
- BEDAUX, CHARLES E., New York City.  
Rocky Mountain goat, mounted, from British Columbia.
- BLIVEN, MRS. ALBERT, New York City.  
Lion skull from Africa.
- BROOKLYN MUSEUM, Brooklyn, N. Y.  
21 Mammal skulls and skeletons.
- CAMPBELL, JOHN C., Watertown, Conn.  
Bobcat skeleton from Connecticut.
- CARR, WILLIAM H., New York City.  
10 Small mammals from Bear Mountain, N. Y.
- CLEAVES, H. H., New York City.  
2 Bats from Barro Colorado Island, C. Z.
- COHEN, JOSEPH, New York City.  
1 Deer antler.
- DICKEY, H. S., New York City.  
Silky anteater from Rio Orinoco, Venezuela.
- EDSON, 3RD, FRANKLIN, Greenwich, Conn.  
Meadow mouse from Greenwich, Conn.
- FRICK, CHILDS, New York City.  
3 Wolf hound skulls.
- GOODWIN, MRS. GEORGE G., Cedarhurst, N. Y.  
1 Weasel, 1 bat, from Uttoxeter, England.
- GRISCOM, LUDLOW, Cambridge, Mass.  
Bushdog from West Panama.
- HALL, DR. E. RAYMOND, Berkeley, Calif.  
Photograph of a kangaroo mouse.
- HERPETOLOGY, Department of, Museum.  
1 Mountain beaver 1, western mink, from Lake Cushman, Washington.
- JOSEPH, ELLIS S., New York City.  
11 Mammals, including wart hog, broad-tailed sheep, tapir.
- KUBELI, ERNEST, New York City.  
Horns of black buck, bushbuck, and sheep.
- LEWIS, F. E., Spadra, Calif.  
Elephant skeleton from East Africa.
- MAGEE, MR. AND MRS. JOHN, Mt. Kisco, N. Y.  
Antique relief in marble, carved on both sides, showing a deer being attacked by a dog, from India.
- NEW YORK AQUARIUM, New York City.  
California sea lion.
- NEW YORK CITY PARK COMMISSION, New York City.  
1 European red deer, 1 seal, 1 camel, 1 lion.
- NEW YORK ZOOLOGICAL SOCIETY, New York City.

- 58 Mammals, including agouti, giant anteater, sable antelope, black ape, armadillo, golden baboon, spectacled bear, 2 bali cats, 2 spotted caviés, 2 coati mundis, eland, 2 embryo lions, 3 red foxes, silver fox, black gibbon, hoolock gibbon, hutia, kiang, 2 kinkajous, baby langur, Canadian lynx, 4 marmosets, white marmoset, bishop monkey, langur monkey, moustache monkey, rhesus monkey, 2 spider monkeys, black spider monkey, woolly monkey, mon-goose, musk ox, paca, collared peccary, Indian porcupine, puma, Brannick rat, sea lion, Cape fur seal, siamang, black squirrel, tiang, Siberian tiger, South American wild dog, zebra.
- NOBLE, DR. G. K., New York City.  
3 Bats from Lakehurst, N. J.
- PINNEY, ROY, New York City.  
1 Marine opossum, 3 Bats, from British Guiana.
- ROSSMAN, MRS. JAMES G., Plainfield, N. J.  
Maltese terrier.
- SAWYER, MISS MILDRED, New York City.  
Mounted horns of Cokes harte-beest and impalla.
- STOCKLEY, LT. COL., C. H.  
6 Small mammals from Kashmir, India.
- TATE, G. H. H., New York City.  
75 Mammals from Virginia; 5 small mammals from New Jersey and Massachusetts; 1 marmoset from Brazil.
- VAIL, DR. C. E., Newark, N. J.  
Tahr head, mounted.
- VAN HENNICK, B. W., Scarsdale, N. Y.  
Squirrel.
- VERNAY, ARTHUR S., New York City.  
2 Teakwood screens, 2 Teakwood benches, for Vernay-Faunthorpe Hall.
- WHITNEY, A. G.  
Raccoon from Connecticut.
- BY EXCHANGE
- BOUVENG, N., Paris, France.  
46 Small mammals from Sweden;  
31 Mammals, including 1 water shrew; 2 red-backed mice, 10 lemmings, 18 meadow voles, from Scandinavia.
- UNIVERSITY OF MICHIGAN, Ann Arbor, Michigan.  
3 Kangaroo rats, 3 pocket mice, from Tucson, Arizona.
- BY PURCHASE
- 101 Mammals from Chile.  
3 Mammals from Balearic Islands.  
20 Mammals from Brazil.
- BY EXPEDITION
- ASTOR GALAPAGOS EXPEDITION (Dr. James P. Chapin).  
23 Mammals, including 3 rats, 1 bat, 4 sea lions, 15 mice, from Galapagos Islands.
- BUTLER, ALBERT E., New York City.  
2 Specimens flying squirrels from Atikkan, Mysore, India.
- CHAPIN CONGO EXPEDITION (Franklin Edson, 3rd).  
143 Mammals, including bats, mice, shrews, lemurs, squirrels, cats, monkeys, otters, mongoose, badger, anteater, antelope, buffalo, from Belgian Congo.
- CORREIA GULF OF GUINEA EXPEDITION (J. G. Correia).  
Scaly anteater from Fernando Po.
- GOODWIN, GEORGE G., New York City.  
80 Mammals from Connecticut.  
19 North American mammals from Western States.
- HEILPRIN-HASSLER EXPEDITION (Wm. G. Hassler).  
40 Mammals from Dominican Republic.



MORDEN-GRAVES NORTH ASIATIC EXPEDITION (Geo. G. Goodwin).

183 Mammals, including 6 Saiga antelope, 3 Siberian tigers, 2 Siberian leopards, from Kazakstan and Amur Land.

OLALLA BROTHERS.

1553 Mammals from South America.

OTTLEY-ANTHONY SOUTH AMERICAN EXPEDITION (H. E. Anthony and Gilbert Ottley).

179 Mammals from South America.

VERNAVY INDIAN EXPEDITION.

31 Mammals, including gibbons, monkeys, civets, giant squirrels, giant flying squirrels, and porcupine, from Assam.

WHITNEY SOUTH SEA EXPEDITION (E. Mayr, Hannibal Hamlin, W. J. Eyerdam).

65 Mammals, including phalangers, bats and black fish, from Solomon Islands.

## COMPARATIVE ANATOMY

### BY GIFT

AMERICAN SOCIETY FOR THE PREVENTION OF CRUELTY TO ANIMALS, New York City.

Male cat.

BROWN, W. R., Berlin, N. H.

Remains in the flesh of Arabian stallion "Abu Zeyd."

BURRELL, HARRY, KENSINGTON, N. S. W., Australia.

4 Pickled heads of Platypus; 1 skull and jaw of Platypus.

EMPIRE CITY MARKET, New York City.

Series of eighteen lamb metapodials.

GREGORY, PROFESSOR WILLIAM K., New York City.

Skull of *Luciolates*, from Uvira, Lake Tanganyika.

HARBORD, MAJOR GENERAL JAMES G., New York City.

Arabian stallion "Hamlin," from Front Royal, Va.

JOSEPH, ELLIS S., New York City.

Young manatee; young tapir; capybara; badger; chimpanzee.

JOSEPH, LEWIS, New York City.

Six-toed cat, aged five years.

KEITEL, HARRY J., New York City.

Fœtal colt of 4th month.

NEW YORK ZOOLOGICAL SOCIETY, New York City.

Golden agouti, new-born anteater, black bear, Indian civet, Malay civet, new-born hybrid colt, gray fox, galago, tree kangaroo, kiang, new-born kudu, black lemur, red-faced Japanese macaque, Indian mongoose, spider monkey, woolly monkey, white-faced sapajou, siamang, black swan, Tasmanian devil, tayra.

PARKS, Department of, New York City.

Raccoon.

RINGLING BROTHERS AND BARNUM AND BAILEY CIRCUS.

Young chimpanzee.

SCHOEDSACK, MR. AND MRS. ERNEST M., Bayport, Long Island.

Young gibbon.

### BY PURCHASE

Casts of skull and dentition of *Australopithecus africanus*, from Taungs, Bechuanaland, Africa, collected by Dr. Raymond A. Dart.

### BY EXPEDITION

HEILPRIN-HATT EXPEDITION (Robert T. Hatt and Marcelle Roigneau).

5 Opossums *Didelphis yucatanensis*; 1 pocket gopher *Heterogeomys hispidus yucatanensis*; from Yucatan, Mexico.

## ANTHROPOLOGY

BY GIFT

ALL-AMERICAN MOHAWK MALAYSIAN EXPEDITION (Theodore Seelmann).

Ethnological specimens from the Siang and Murung Dyaks, Borneo.

ANDERSON, MISS MARIE, Brooklyn, N. Y.

13 Specimens, including 1 Katchina, modern Hopi; 1 Pottery figure, modern Hopi; 2 Horn spoons, Northwest Coast; 1 Catlinite pipe, Plains; 7 Pottery beads, pre-conquest Mexico; 1 Spindle whorl, Aztec, Mexico.

ANONYMOUS

Skull from Fayette County, West Virginia.

BEEBE, MISS KATHERINE, New York City.

Birchbark case decorated with porcupine quill work from Eastern Woodland area.

BERNHEIMER, CHARLES L., New York City.

Archæological collection (30 specimens) from Southwestern United States; Betel nut and lime boxes from Mindanao, Philippine Islands; Ax of petrified wood, Mountain Sheep Prey God from Southwestern United States; scattered stone objects from California and Yellowstone National Park.

BLIVEN, MRS. ALBERT, New York City.

2 Baskets from the Aleutian Islands.

BRITTON, N. L., New York City.

3 Stone implements; 1 shell implement; 11 potsherds; 1 bird effigy; 2 yellow quartzite beads (served as eyes for effigy); from Porto Rico.

BROWN, BARNUM, New York City.

8 Potsherds, 18 chipped flints from Indian Camp site near Valley Wells, California, 69 miles west of Las Vegas, Nevada; Archæological Collection from near Cameron, near Little Colorado River, Arizona.

BUTLER, WILLIAM H., New York City.

8 Prints of Maori life from New Zealand.

CAREY, HENRY, New York City.

Archæological material, dry remains from cave in Chihuahua, Mexico.

CHANNING, J. PARKE, New York City.

Apache basket from Miami, Arizona.

CLAUSEN, CARL, Stroudsburg, Pa.

77 Specimens archæology and physical anthropology collection from United States and France.

COOPER, J. V., Lynbrook, L. I., N. Y. (in the name of the late Theodore Cooper).

Archæological collection from central west coast of South America.

DE URIBE, MRS. LUISA WHITE, New York City.

Pottery figure of flying fish from Quindio, Department of Caldas, Colombia.

FOLGER, WILLIAM, Lima, Peru.

Archæological collection (chiefly pottery and cloth) from Rimac Valley, Peru.

GUSINDE, DR. MARTIN, Wien-Mödling, Austria.

Cast of Ona skull from Tierra del Fuego.

HAVEMEYER, MRS. H. O. (Deceased).

Buffalo robe; old microscope (dated 1872).

HEWITT, MISS SARAH COOPER, New York City.

4 Baskets.

HILDBURGH, DR. WALTER L., London, England.

- 22 Specimens, miscellaneous ethnological and archæological collection, chiefly from Asia, Egypt, and Australia.
- HOLDEN, DR. W. H., New York City.  
Series of human embryos.
- HOLMES, WALTER W., Waterbury, Conn.  
8 Pieces of Seminole beadwork from Florida.
- KAHN, DR. MORTON C., New York City.  
Drum and gourd, from Saramacca tribe of Bush Negroes, Dutch Guiana.
- KENNEDY, DONALD GILBERT, Vaitupu, Ellice Islands.  
A lancet and a mallet from Vaitupu, Ellice Islands.
- KILPATRICK, MISS EUGENIA, New York City.  
Basket from Pomo Indians, California.
- KING, JOHN, Samana, Santo Domingo.  
Archæological collection (237 specimens) from Samana, Santo Domingo.
- KINGSLEY, MRS. R., Riverdale, N. Y.  
Fur robe presented to the late Dr. James Johnston by King Khama, Mashonaland, Africa.
- KNOX, MRS. CHARLES GORDON, Morristown, New Jersey.  
An eider duck robe, from Trondhjem, Norway.
- MARTINEZ, N., New York City.  
Stone specimen from near Guayama, Southern Porto Rico.
- MOSONYI, EMILIO, Tepic, Nayarit, Mexico.  
White jade head from Mexico.
- NORDHOFF, CHARLES, Papeete, Tahiti.  
Ruvettus hook from Penhryn Island, Polynesia.
- PAIEWONSKY, Z., Samana, Santo Domingo.  
2 Archæological specimens from Santo Domingo.
- PARROTT, THANE, Brooklyn, N. Y.  
2 Arrowheads, 1 Spearpoint, from Gloucester County, Virginia.
- PENNOYER, STANLEY G. AND GORDON A., Lander, Wyoming, and BARBER, MRS. ETHEL G., New York City.  
Archæological collection from cave at head of Dinwoodie Creek, about 40 miles northwest of Lander, Wyoming.
- RIGGS, E. FRANCIS, Hyattsville, Md.  
About 115 specimens, miscellaneous archæological collection, from camp site near Aiken, South Carolina.
- RINEHART, G. S., New York City.  
2 Stone axes, 1 Spindle whorl, from near Village of Queremal, 35 miles west of Cali, Colombia.
- SAWYER, MISS MILDRED, New York City.  
Shield, Daggers, Bead collar, Straw tray, Fly brush, from Africa.
- SAYRE, MISS MARY HALL (in memory of Dr. Reginald Hall Sayre).  
Archæological and ethnological collection (about 70 specimens), North America, Pacific Islands.
- STARKEY, MRS. H. H., Brooklyn, N. Y.  
Carved walrus tusk, Carved ivory pipe, from Northern Alaska.
- TUCKER, MRS. M. A., Hasbrouck Heights, N. J.  
3 Canoe models, from Pacific Islands.
- WARNER, BRADFORD A., New Haven, Conn.  
Archæological collection (about 20 specimens) from El Pendo Cave, near Santander, Spain.
- WEDEPOHL, THEODOR, New York City.  
2 Paintings of Icelandic women in native costume.
- WEYER, JR., EDWARD M., Washington, Pa.  
Eskimo kayak from Alaska.

WHEBELL, CAPTAIN C. J., Nassau, Bahama Is.

Eskimo clothing, North America.

WHEELWRIGHT, MARY C., Boston, Mass.

150 Duplicates of records of South-west Indian songs (originals at the University of Berlin).

ZINN, MISS VIVIAN, Seattle, Washington.

30 Specimens, including clothing, net, and ivory carvings, from St. Lawrence Island and Kobuk River, Alaska.

#### BY EXCHANGE

EMMONS, LT. G. T., Princeton, N. J.

1 Navajo blanket; 4 ethnological specimens from Northwest Coast.

PEABODY MUSEUM, Harvard University, Cambridge, Mass.

8 Pottery vessels from Tusayan, Arizona.

#### BY PURCHASE

Feather lei, from Hawaii (Voss Fund).

4 Inca specimens, 1 Chuta Indian dance dress, from South America (Voss Fund).

#### BY EXPEDITION

EIGHTH BERNHEIMER EXPEDITION (C. L. Bernheimer and E. H. Morris).

95 Archæological specimens, from caves and open sites in the Carriso-Lukaichukai District of northeastern Arizona and north-western New Mexico.

GRANGER, MYRON I., PERUVIAN EXPEDITION (Dr. Ronald L. Olson).

Archæological collection from Peru.

KAHN, MORTON C., AND GRANGER, MYRON I., EXPEDITION (Dr. Morton C. Kahn).

Ethnological collection from the

Bush Negroes from Dutch and French Guiana.

MORRIS, ANN AXTELL (Pictograph Research Fund).

A series of reproductions of pictographs, Cañons del Muerto and De Chelly, Arizona, along the La Plata and Rio Grande, and in the Zuñi District, New Mexico.

OMAHA INDIAN EXPEDITION (Dr. Margaret Mead).

Ethnological collection (about 30 specimens) from Omaha Indians, Nebraska.

SHAPIRO, DR. HARRY L. (In cooperation with the Bishop Museum, Honolulu).

Skeletal and ethnological specimens from Polynesia.

VAILLANT, DR. GEORGE C.

Archæological material from Ticoman, Valley of Mexico.

WHITNEY SOUTH SEA EXPEDITION (Through Department of Ornithology).

2 Bags, 1 Wood carving, 1 Bone carving, 9 Stone specimens, 1 Skull with lower jaw, 6 Shell objects, Ethnological collection from Solomon Islands; collection of over 300 specimens, chiefly from Southern Melanesia.

#### PUBLIC EDUCATION

##### BY GIFT

ALLEN, JOHN MORTON, Oakland, Calif., and ROBERTSON, CAPTAIN JACK, New York City.

4 Reels motion picture positive "Trail Mates."

AMERICAN SOCIETY FOR THE PREVENTION OF CRUELTY TO ANIMALS, New York City.

79 Slides with manuscript.

BERNHEIMER, CHARLES L., New York City.

9068 Feet motion picture negative of "Expedition to South-

- western United States" and 9022 feet motion picture positive on 1929 and 1930 "Expeditions."
- BORDEN'S FARM PRODUCTS COMPANY**, New York City.  
60 Colored slides and 90 plain slides.
- BROOMALL, MISS LAURA B.**, Far Rockaway, New York.  
1 Loon.  
"CHIEF," New York City.  
2 Mounted blue cranes.
- COMPARATIVE ANATOMY**, Department of, Museum.  
130 Feet print and negative—"Galant Fox."
- CORTICELLI SILK COMPANY**, New York City.  
2 Sets of slides "Manufacturing and Origin of Silk," 62 Slides in each set.
- DOLLAR STEAMSHIP LINE**, San Francisco, Calif.  
33 Colored slides and 11 plain slides.
- DOUGHERTY, PROCTOR L.**, Washington, D. C.  
32 Plain and 6 colored slides on the "Eye."
- DWIGHT, MRS. JONATHAN**, New York City.  
1 Mounted snowy owl.
- FLUSHING GARDEN CLUB**, Flushing, L. I., N. Y.  
22 Plain slides.
- GENERAL ELECTRIC COMPANY**, Schenectady, N. Y.  
74 Plain slides; 4 manuscripts; 20 plain slides on "Inventors."
- GOLDSMITH, MRS. C. G.**, New York City.  
Small potted evergreen tree.
- GOODWIN, GEORGE G.**, New York City.  
Skins of 2 cuckoos, 2 Baltimore orioles, 2 Maryland yellowthroats, 1 towhee, 1 Canadian warbler.
- HEWITT, MISS E. G.**, New York City.  
38 Glass negatives.
- JAMES, MRS. R.**, New York City.  
Frame of mounted butterflies.
- JAMESON, MRS. CHAS. D.**, Glendale, Mass.  
144 Colored slides; 575 negatives and 234 prints of China (5 stereoscopic); 50 colored slides and 9 plain slides on China; 60 photographs of Alaska.
- JORDAN, GEORGE S.**, Newark, N. J.  
Pair of Gouldian finches.
- KNIGHT CORPORATION**, B. B. & R., Providence, R. I.  
75 Copies printed manuscript on "Cotton"; 16 Plain slides and 144 colored slides; 24 cards about "Cotton."
- LEARY, MISS MARY L.**, New York City.  
2 Mounted Egyptian birds.
- LINCOLN HIGH SCHOOL**, Brooklyn, N. Y.  
1 Parula warbler; 1 cat bird.
- MACIAS, MISS MARIE**, New York City.  
1 Mounted rooster.
- MCCRACKEN, HAROLD**, New York City.  
400 Feet motion picture negative "Mounting Giraffe and Buffalo"; 2 Reels of motion picture "Mounting African Buffalo."
- METROPOLITAN LIFE INSURANCE COMPANY**, New York City.  
10 Colored and 24 plain slides on "Pasteur and His Work."
- NEW YORK TIMES**, New York City.  
25 Copies of the New York Times Chronology of Historic Events in Aviation.
- NEW YORK ZOOLOGICAL SOCIETY**, New York City.  
1 Laughing kingfisher, 1 Jack rabbit, 1 Young axis deer.
- VERTON, DR. FRANK**, Patchogue, L. I., N. Y.

- 100 Feet motion picture negative  
"Black-crowned Heron."
- PRATT, MRS. GLADYS L., Brooklyn,  
N. Y.  
1 Mole in flesh.
- PRUDENTIAL INSURANCE Co., New-  
ark, N. J.  
38 Colored slides.
- PUBLIC SCHOOL 44, Queens, Rocka-  
way, N. Y.  
6 Hermit thrushes, 1 Catbird, 1  
White-throated sparrow, 2 Olive-  
backed thrushes, 1 Maryland  
yellow throat, 1 Savannah spar-  
row, 3 Myrtle warblers.
- ROGERS, H. H., Southampton, N. Y.  
1 Mounted golden eagle.
- SCHARP, THEODORE, Palisade, N. Y.  
Flying squirrel.
- TYNG, MRS. STEPHEN H., New York  
City.  
Studio and motion picture cameras,  
projection printers, printing  
machine, photographic labora-  
tory equipment, photographic  
material lighting equipment.
- UNITED FRUIT COMPANY, Boston,  
Mass.  
4 Sets of colored slides of 50 slides  
each with illustrated manu-  
scripts on "A Trip to Banana  
Land"; 6 Prints of film—  
"Banana Land."
- VAN WICK, BENJAMIN F., New York  
City.  
13 Mounted birds including 1 blue-  
winged teal, 1 kildeer, 2 sora, 2  
bob-white, 1 Virginia rail, 1 king  
rail, 1 gallinule, 2 yellow-legs, 1  
golden plover, 1 sanderling.
- WALKER, FRANCIS V., Scarsdale, N. Y.  
Young red squirrel; 2 Megarhyssa  
—Ichneumon flies.
- WALKER, ROBERT C., Scarsdale, N. Y.  
26 Purple grackles, 1 Red-should-  
ered hawk.
- WILEY, MISS FARIDA, New York  
City.  
1 Sapsucker.
- YEATON, SAMUEL, Bayside, L. I.,  
N. Y.  
4 Squirrels, 3 Gray squirrels, 8  
Fox sparrows, 1 Swamp sparrow,  
1 Rusty blackbird, 1 Robin, 15  
Juncos, 6 Tree sparrows, 6  
Savannah sparrows, 2 Vesper  
sparrows, 6 White-throated spar-  
rows, 5 Song sparrows, 3 Screech  
owls, 1 Downy woodpecker, 1  
Goldfinch, 7 Pine siskins, 2  
Starlings, 1 Mole, 5 Chickadees.

## BY PURCHASE

LIFE HISTORIES FOR CIRCULATING  
NATURE COLLECTIONS.

15 each of Dragonfly, Lady-beetle,  
Clothes-moth, Grasshopper, Cod-  
ling moth.

20 each of House-fly, Honey-bee,  
Backswimmer.

278 Blue crabs from Clinton, Conn.

1 Reel film—"Little Dutch Tulip  
Girl."

1 Reel film—"Little Indian  
Weaver."

1 Reel film—"Little Swiss Wood  
Carver."

1 Reel film—"Masai Tribes."

1 Reel film—"Wanderer of the  
Arabian Desert."

1 Reel film—"Wee Scotch Piper."

1 Reel film—"Forest People of  
Central Africa."

1 Reel film—"Honey-makers."

1 Reel film—"Philippine."

1 Reel film—"Wisconsin Dairies."

1 Reel film—"Water Cycle."

1 Reel film—"New York Water  
Supply."

1 Reel film—"Irrigation."

$\frac{1}{2}$  Reel film—"Mackerel."

$\frac{1}{2}$  Reel film—"Cod."

$\frac{1}{4}$  Reel film—"From Tadpole to  
Frog."

$\frac{1}{4}$  Reel film—"Giant Cats."

¼ Reel film—"Renting Houses for Song."

¼ Reel film—"Tiniest Souls in Feathers."

¼ Reel film—"Fly's Eye."

8 Reels film—"How Life Begins."

6 Reels film—"Heavenly Bodies."

## ART

BY GIFT

MUSEUM DARWINIANUM, Moscow,  
U. S. S. R.

Bust of Francis Galton by Watagin.

PAUL, ESTATE OF WILLIAM C.

Italian stone mosaic.





## VI. APPENDIX

### ADMINISTRATION OF THE YEAR 1931

#### BOARD OF TRUSTEES

##### President\*

HENRY FAIRFIELD OSBORN

##### First Vice-President

GEORGE F. BAKER

##### Treasurer

JAMES H. PERKINS

##### Second Vice-President

J. P. MORGAN

##### Secretary

CLARENCE L. HAY

#### ELECTIVE TRUSTEES

##### Class of 1931

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DOUGLAS BURDEN

CLEVELAND EARL DODGE

CHILDS FRICK

JAMES H. PERKINS

LEONARD C. SANFORD

##### Class of 1932

FREDERICK TRUBEE DAVISON

LINCOLN ELLSWORTH

MADISON GRANT

CLARENCE L. HAY

OGDEN L. MILLS

WILLIAM K. VANDERBILT

##### Class of 1933

GEORGE F. BAKER, JR.

ARCHER M. HUNTINGTON

JUNIUS S. MORGAN, JR.

A. PERRY OSBORN

KERMIT ROOSEVELT

FELIX M. WARBURG

##### Class of 1934

GEORGE F. BAKER

CHAUNCEY J. HAMLIN

SUYDAM CUTTING

HENRY FAIRFIELD OSBORN

GEORGE D. PRATT

A. HAMILTON RICE

##### Class of 1935

GEORGE T. BOWDOIN

CORNELIUS V. WHITNEY

J. P. MORGAN

DANIEL E. POMEROY

HENRY W. SAGE

H. RIVINGTON PYNE

#### EX-OFFICIO TRUSTEES

JAMES J. WALKER

(MAYOR OF THE CITY OF NEW YORK)

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(COMPTROLLER OF THE CITY OF NEW YORK)

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## THE AMERICAN MUSEUM OF NATURAL HISTORY

INCORPORATED BY THE

LEGISLATURE OF THE STATE OF NEW YORK IN 1869

The Corporation now consists of a self-perpetuating Board of thirty Trustees, elected for terms of five years. Also, *ex-officio*, The Mayor, The Comptroller, and the President of the Park Board of the City of New York.

### FOUNDERS AND INCORPORATORS OF 1869

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### HISTORY

PRESIDENCY OF JOHN DAVID WOLFE, 1869-1872.

1869 Museum incorporated. Constitution adopted as drafted by Joseph H. Choate.

1870 First home secured, the Arsenal, Central Park.

PRESIDENCY OF ROBERT L. STUART, 1872-1881.

1874 Cornerstone of first section of building laid by President Ulysses S. Grant.

1878 Contract adopted between Trustees and Department of Parks, as drawn up by Andrew H. Green and Joseph H. Choate.

1880 Educational work with the schools inaugurated by Professor Albert S. Bickmore.

PRESIDENCY OF MORRIS K. JESUP, 1881-1908.

1893 Museum opened to the public on Sundays.

1887-1905 The City of New York appropriated \$4,218,820.95 for seven new building sections, II-VIII.

1907 Museum opened free to the public every day in the year.

1908-1917 Mr. and Mrs. Jesup bequeathed \$6,000,000 to the Museum.

PRESIDENCY OF HENRY FAIRFIELD OSBORN, 1908-

1908 Constitution amended making The Mayor, the Comptroller and the President of the Department of Parks, *ex-officio* members of the Board of Trustees.

1921 Greater New York Charter amended, placing the Museum on the same basis as Public Schools with respect to Corporate Stock Appropriations, by Chapter 618 of the Laws of 1921.

1921-1925 The City of New York appropriated \$2,233,800 for new Sections, IX-XI, and Equipment and Alterations of old Sections.

1924 The State of New York provided for the Theodore Roosevelt Memorial (Educational). Cost \$2,500,000 (Chapter 615, Laws of 1924).

1929 Appropriation of \$3,550,000 by the City of New York for construction of African Hall, Power Plant and Service Building, and South Oceanic Wing.

Contribution of \$750,000 by Harry Payne Whitney for one-half cost of South Oceanic Wing.

## PERMANENT ENDOWMENT

The Endowment Fund was established in 1884. It now amounts to \$15,064,159.43 (book value). The Trustees especially desire to insure the permanent growth and welfare of the Museum through an increase of the General Endowment Fund. The additional sum of \$10,000,000 is needed at present.

## FORM OF BEQUEST

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

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## GIFTS AND BEQUESTS EXEMPT FROM TAXATION

*Gifts, to the extent of fifteen per cent. of net income of the donor, and Bequests of any extent to The American Museum of Natural History are exempt from federal taxation, under the Federal Revenue Acts of 1926 and 1928.*

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The Classes of Contributory Membership are:

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HONORARY LIFE MEMBERS		BENEFACITOR CLASS.....	50,000
		ENDOWMENT CLASS.....	100,000
		HONORARY FELLOWS	

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77th Street and Central Park West

\*Residing fifty miles or more from New York City.

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*In Amounts of \$10,000 and Upwards to \$1,461,477.88*

1886	Vanderbilt, William H. ....	\$50,000.00
1890	Constable, James M. ....	25,000.00
1890	Dodge, W. E. (No. 2).....	10,000.00
1890-1904	Jesup, Morris K. ....	225,000.00
1890-1910	Mills, D. O. ....	125,000.00
1890-1901	Ottendorfer, Oswald. ....	30,000.00
1890-1895	Pyne, Percy R. (No. 1).....	45,000.00
1890	Stuart, Mary (Mrs. R. L.) ..	50,000.00
1890	Vanderbilt, C. ....	25,000.00
1891	Auchincloss, Hugh. ....	10,223.56
1899-1910	Trevor, Emily N. (Mrs. John B.) ..	30,098.90
1900	Fiske, Martha T. (Mrs. Josiah M.) ..	10,000.00
1904	Havemeyer, H. O. ....	25,000.00
1904-1929	Pyne, Percy R. ....	27,500.00
1904	Rockefeller, William.....	10,000.00
1907	Davis, Benjamin P. ....	22,799.25
1909	Sands, William R. ....	10,000.00
1911	Tilford, Charles E. ....	25,070.37
1913	Iden, Henry. ....	10,000.00
1916	Bondy, Emil C. ....	10,000.00
1917	Kitching, Frank W. ....	10,043.00
1919	Douglas, James. ....	100,000.00
1920	Bridgham, Fanny (Mrs. Samuel W.) ..	15,000.00
1920	Juilliard, A. D. ....	100,000.00
1920	Juilliard, Helen C. (Mrs. A. D.) ..	50,000.00
1920-1929	Sage, Margaret Olivia (Mrs. Russell) ..	1,461,477.88
1921-1923	Combe, Louisa (Mrs. William).....	42,172.33
1921-1930	Rhineland, Charles E. ....	24,222.15
1922-1930	Baker, George F. ....	500,000.00
1922-1924	Eno, Amos F. ....	246,033.33
1922-1923	Harkness, Edward S. ....	100,000.00
1922	Iselin, Adrian. ....	10,000.00
1922	Rockefeller, John D., Jr. ....	1,025,000.00
1923	James, Arthur Curtiss. ....	26,750.00
1923-1930	Pratt, George D. ....	75,000.00
1923	Warburg, Felix M. ....	19,000.00
1924-1925	Sloane, William. ....	50,000.00
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1925	Watson, Emily A. ....	10,010.52
1926-1928	Fosdick, Wood. ....	995,984.88
1926	Tod, J. Kennedy. ....	10,000.00
1927	Cook, Frances Julia (Mrs. Robert H.) ..	20,000.00
1928	Harkness, Anna M. (Mrs. Stephen V.) ..	1,000,000.00
1929	Baker, George F., Jr. ....	250,000.00
1929	Rich, M. P. ....	10,000.00
1929	Sellew, Caroline B. ....	65,000.00
1930	Bowdoin, George T. ....	12,500.00
1930	Durkee, Eugene W. ....	400,000.00
1930	Mills, Ogden. ....	100,000.00
1930	Morgan, J. P. ....	10,000.00
1930	Morgan, Junius S., Jr. ....	15,000.00
1930	Naumburg, Aaron. ....	14,423.08
1930	Thorne, S. Brinckerhoff. ....	10,000.00
1930	Whitaker, John E. ....	10,000.00
1884-1930	66 Contributors less than \$10,000 ..	140,233.07
1900-1926	Patronship Fees. ....	28,000.00
1912-1926	Fellowship Fees. ....	9,000.00
1912-1926	Life Membership Fees. ....	81,100.00
		<hr/>
		\$7,871,692.32

## ENDOWMENT FOR SPECIAL PURPOSES, 1890-1930

*In Amounts of \$1,000 and Upwards to \$6,000,000*

1890-1923	Morgan, J. Pierpont, and J. P.: <i>J. P. Morgan Fund</i> .....	\$452,187.50
1904	Bruce, Matilda W.: <i>Matilda W. Bruce Fund</i> .....	10,000.00
1908-1917	Jesup, Morris K. and Maria DeWitt: <i>Morris K. Jesup Fund</i> .....	6,000,000.00
1910	Thorne, Phebe Anna: <i>Jonathan Thorne Memorial Fund</i> .....	25,000.00
1916	Sage, Margaret Olivia: <i>Margaret Olivia Sage Fund</i> .....	10,000.00
1918	Hard, Anson W.: <i>Anson W. Hard Library Fund</i> .....	5,000.00
1919	Baugh, Margaret L.: <i>Physical Anthropology Fund</i> .....	10,000.00
1927	Osborn, Henry Fairfield: <i>Osborn Paleontologic Research Fund</i> .....	5,000.00
1929	Dean, Bashford: <i>Bashford Dean Ichthyological Library Fund</i> .....	5,000.00
1930	Frick, Childs: <i>Vertebrate Paleontology Field Fund</i> .....	12,500.00
1930	Hay, Clarence L.: <i>Anthropology Special Fund</i> ...	1,000.00
1930	LeClear, Bonnie Wallace: <i>Wallace Memorial Fund</i> .....	14,207.15
1930	Osborn, Henry Fairfield: <i>Vertebrate Paleontology Special Fund</i> .....	1,000.00
1930	Pomeroy, Daniel E.: <i>African Hall Preparation Special Fund</i> .....	50,000.00
1930	Voss, Frederick G.: <i>Frederick G. Voss Anthropology and Archaeology Fund</i> .....	250,000.00
1926-1930	66 Contributors: <i>Ralph Winfred Tower Memorial Fund</i> .....	24,082.00
	Total Endowment December 31, 1930.....	<u>\$14,746,668.97</u>

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(Continued)

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Methods and Experiences of The American Museum of Natural History.

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