



THE UNIVERSITY  
OF ILLINOIS  
LIBRARY

507

F45

1900/01-1904/05

**NOTICE: Return or renew all Library Materials! The Minimum Fee for each Lost Book is \$50.00.**

The person charging this material is responsible for its return to the library from which it was withdrawn on or before the **Latest Date** stamped below.

**Theft, mutilation, and underlining of books are reasons for disciplinary action and may result in dismissal from the University.  
To renew call Telephone Center, 333-8400**

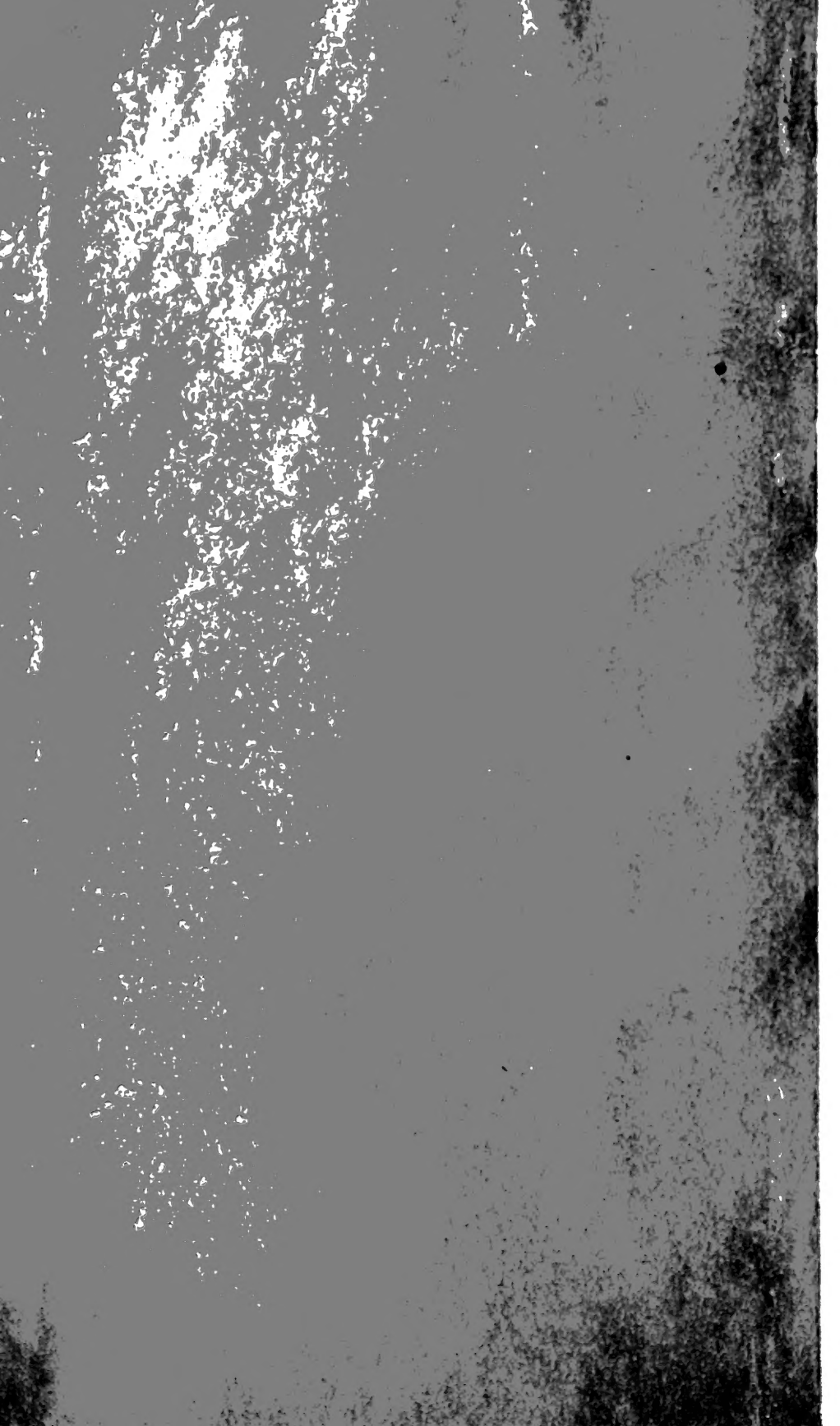
UNIVERSITY OF ILLINOIS LIBRARY AT URBANA-CHAMPAIGN

OCT 30 1990

OCT 09 1990

JUN 21 1997

JUN 21 1997







FI

bd. O. K. in Hand

PUBLICATIONS

2nd ed.

3-2-20

OF THE

# FIELD COLUMBIAN MUSEUM

---

REPORT SERIES

VOLUME II

---



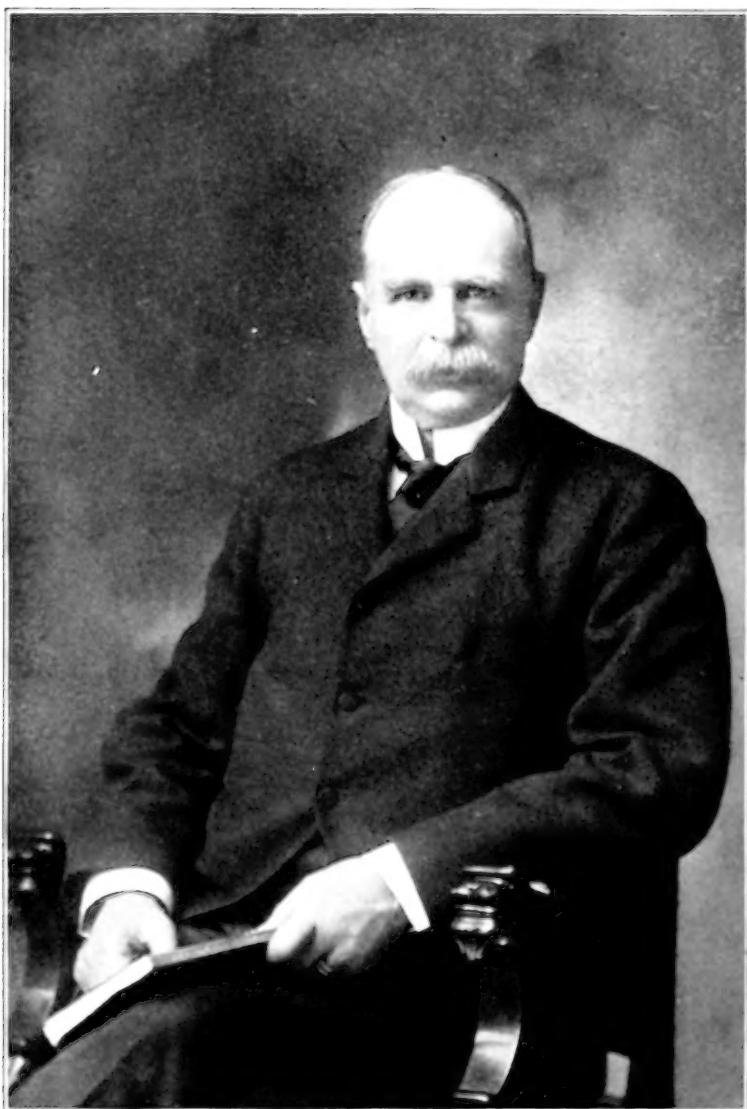
CHICAGO, U. S. A.

1901-1905. m









THE LATE NORMAN WILLIAMS,  
An Incorporator of the Museum.

FIELD COLUMBIAN MUSEUM

PUBLICATION 62.

REPORT SERIES.

VOL. II, No. 1.

---

ANNUAL REPORT OF THE  
DIRECTOR

TO THE

BOARD OF TRUSTEES

FOR THE YEAR 1900-1901

---



CHICAGO, U. S. A.

October, 1901.



## CONTENTS.

	PAGE
Board of Trustees, . . . . .	4
Officers and Committees, . . . . .	5
Staff, . . . . .	6
Income and Maintenance, . . . . .	8
Memberships, . . . . .	8
Lecture Courses, . . . . .	9
Publications, . . . . .	10
Library, . . . . .	13
Records, . . . . .	13
Inventory and Labeling, . . . . .	14
Accessions, . . . . .	14
Exchanges, . . . . .	16
Expeditions and Field Work, . . . . .	17
Installation and Permanent Improvements, . . . . .	20
Photography, Illustration and Printing, . . . . .	23
Taxidermy, . . . . .	24
Attendance, . . . . .	24
Financial Statement, . . . . .	28
Accessions, . . . . .	31
Department of Anthropology, . . . . .	31
Department of Botany, . . . . .	33
Department of Geology, . . . . .	37
Department of Ornithology, . . . . .	39
Department of Zoology, . . . . .	39
The Library, . . . . .	43
Articles of Incorporation, . . . . .	70
Amended By-Laws, . . . . .	72
Honorary Members and Patrons, . . . . .	75
List of Corporate Members, . . . . .	76
List of Life Members, . . . . .	77
List of Annual Members, . . . . .	78

## THE BOARD OF TRUSTEES.

GEORGE E. ADAMS.

OWEN F. ALDIS.

EDWARD E. AYER.

WATSON F. BLAIR.

WILLIAM J. CHALMERS.

MARSHALL FIELD, JR.

HARLOW N. HIGINBOTHAM.

ARTHUR B. JONES.

GEORGE MANTIERRE.

CYRUS H. McCORMICK.

NORMAN B. REAM.

MARTIN A. RYERSON.

EDWIN WALKER.

---

 DECEASED.

NORMAN WILLIAMS.

GEORGE R. DAVIS.

HUNTINGTON W. JACKSON.

## OFFICERS.

HARLOW N. HIGINBOTHAM, *President.*

MARTIN A. RYERSON, *First Vice-President.*

NORMAN B. REAM, *Second Vice-President.*

HARLOW N. HIGINBOTHAM, *Chairman Executive Committee.*

GEORGE MANIERRE, *Secretary.*

BYRON L. SMITH, *Treasurer.*

## COMMITTEES.

## EXECUTIVE COMMITTEE.

HARLOW N. HIGINBOTHAM, *Chairman Ex-Officio.*

EDWARD E. AYER.

NORMAN B. REAM.

OWEN F. ALDIS.

MARTIN A. RYERSON.

## FINANCE COMMITTEE.

WATSON F. BLAIR.

MARSHALL FIELD, JR.

## COMMITTEE ON BUILDING.

GEORGE E. ADAMS.

WILLIAM J. CHALMERS.

CYRUS H. McCORMICK.

## AUDITING COMMITTEE.

GEORGE MANIERRE.

ARTHUR B. JONES.

## STAFF OF THE MUSEUM.

## DIRECTOR.

FREDERICK J. V. SKIFF.

## DEPARTMENT OF ANTHROPOLOGY.

GEORGE A. DORSEY, *Curator.*S. C. SIMMS, *Assistant Curator Division of Ethnology.*CHARLES L. OWEN, *Assistant Curator Division of Archaeology.*

## DEPARTMENT OF BOTANY.

CHARLES F. MILLSPAUGH, *Curator.*

## DEPARTMENT OF GEOLOGY.

OLIVER C. FARRINGTON, *Curator.* H. W. NICHOLS, *Assistant Curator.*ELMER S. RIGGS, *Assistant Curator Paleontology.*

## DEPARTMENT OF ZOOLOGY, EXCEPT ORNITHOLOGY.

D. G. ELLIOT, *Curator.* SETH E. MEEK, *Assistant Curator.*WILLIAM J. GERHARD, *Assistant Curator Division of Entomology.*

## DEPARTMENT OF ORNITHOLOGY.

CHARLES B. CORY, *Curator.*

## RECORDER.

D. C. DAVIES.

## THE LIBRARY.

ELSIE LIPPINCOTT, *Librarian.*

## TAXIDERMIST - IN - CHIEF.

CARL E. AKELEY.



# ANNUAL REPORT OF THE DIRECTOR.

1900-1901.

---

To the Trustees of the Field Columbian Museum :

I have the honor to present the Report of the operations of the Museum for the year closing September 30, 1901. The expenses of the Museum under the head of maintenance have been in excess of the budget this year, but, as a matter of fact, the large amount of money that was expended for re-supporting the main floor, having been done under special instructions of the President, is not a proper charge against maintenance. If this fact is taken into consideration, the expenditures have been under the budget.

It would seem from the permanent improvements recorded each year that the building is gradually being reconstructed. This, as a matter of fact, is true as concerns the offices, laboratories, etc., but the growing needs of the Museum and the expanding processes necessary to meet the demand of the departments are but an index of the development of the entire Institution. More and more each year the Museum finds itself equipped to perform all the necessary labor; not only the technical and scientific labor, but the ordinary mechanical work as well, and the circumstances are unusual when outside agencies are employed.

The Institution has been honored by the visits of a great many officers and students of Museums at home and abroad, and there has been a universal reference to its advancement and approval of its methods. The Report in its detail will determine the healthy condition of the affairs of the Museum and will point to the extension of its investigations and influence into all fields within its scope and to all parts of the world. The improvements in installation, in accordance with the strictest scientific standard, is steadily in progress. Inappropriate and undesirable material is constantly disappearing to be supplanted by that which is nearer the standard, and the Museum is doing *Museum* work; while the laboratory and the study is not neglected, yet the fact that the Museum is dedicated to the enlightenment, instruction and in a measure to the entertainment of the public, is not ignored, and those things calculated to advance this policy are

those that most engage the attention of the officers of the Institution. As a natural consequence, the general appearance of the Museum is never the same, constant additions, changes and renewals, etc., making the exhibition halls always fresh and inviting.

**STAFF OF THE MUSEUM.** The following changes and additions in the Staff may be noted: Mr. Charles L. Owen was appointed Assistant Curator of Archaeology, and Mr. W. J. Gerhard Assistant Curator of Entomology. The services of Mr. J. W. Hudson as Field Ethnologist were secured, and Mr. Edmund Heller succeeded Mr. Surber as Collector of Mammals. Professor Merton L. Miller of the University of Chicago accepted an assignment to collect ethnological material for the Museum in the States of Washington and Oregon during the summer months, and the services of Mr. C. F. Newcombe were obtained to represent the Museum as Field Ethnologist in the Queen Charlotte Islands. The Executive Committee sanctioned during the year the appointment of an artist, and the services of Mr. Ernest St. John were secured.

**INCOME AND MAINTENANCE.** The budget authorized by the Executive Committee provided the sum of \$102,000.00 for the maintenance of the Museum for the year ending September 30, 1901. The amount expended was \$108,220.00, showing a balance in excess of the estimated expenses of \$6,220.00. In addition to this amount, \$52,325.00 was expended by authority of the Executive Committee for collections, expeditions, etc., bringing the total expenditure for the year to \$160,545.00. In explanation of the excess in maintenance, it should be borne in mind that the Executive Committee has during the year increased the stipend of a number of individuals in the employ of the Museum and has also added several assistants to the working force. There is also a large increase this year in the amount expended for repairs and alterations to the building. While last year the amount spent for cases was \$10,180.00, this year the figures show \$21,505.00, an amount more than double. The Trustees having arrived at the conclusion that the Columbus Caravels were not in sympathy with the collections in the Museum, it was decided to dispose of them if possible, and with this end in view the Board of South Park Commissioners was approached, and they agreed to accept the title to these interesting objects, releasing the Museum from all liability, for a consideration of \$3,000.00.

**THE MEMBERSHIPS.**—There still has to be recorded a decrease in the annual memberships, due, as has been previously reported, to the fact that no effort is made to increase the list.

**LECTURE COURSES.**—The usual two courses have been given, but unfortunately a decrease in the attendance has to be noted. This lack of interest may be accounted for by the fact that a casual review of the syllabuses would indicate by the titles of the lectures more technical discourses than had obtained in previous courses. Furthermore, the great increase in the number of lectures given by different institutions in Chicago has probably tended to diminish the interest in any course of free lectures. Following is a list of the lectures given during the year:

## FOURTEENTH LECTURE COURSE.

- Oct. 6.—“How Plants Live” (Illustrated).  
Prof. Charles R. Barnes, University of Chicago.
- Oct. 13.—“Do Invertebrates Have Consciousness?” (Illustrated).  
Dr. H. V. Neal, Knox College, Galesburg, Ill.
- Oct. 20.—“Wyandotte and Marengo Caves” (Illustrated).  
Prof. O. C. Farrington, Curator, Department of Geology.
- Oct. 27.—“The Life and Death of a Tree” (Illustrated).  
Dr. Thomas H. Macbride, State University of Iowa.
- Nov 3.—“Porto Rico and Its People” (Illustrated).  
Dr. Barton W. Evermann, Ichthyologist of the United States Fish Commission.
- Nov. 10.—“Mining in the Ozarks” (Illustrated).  
Prof. H. W. Nichols, Assistant Curator Department of Geology, Field Columbian Museum.
- Nov. 17.—“Variation of Organisms” (Illustrated).  
Dr. C. B. Davenport, University of Chicago.
- Nov. 24.—“Picturesque Mexico” (Illustrated).  
Mr. P. V. Collins, Minneapolis, Minn.

## FIFTEENTH LECTURE COURSE.

- March 2.—“The Kiowa Indians—A Typical Buffalo Tribe” (Illustrated).  
Mr. James Mooney, Bureau of Ethnology, Washington, D. C.
- March 9.—“The Hills and Valleys of Wisconsin and Their Life History” (Illustrated).  
Dr. E. R. Buckley, Wisconsin Geological and Natural History Survey.

- March 1.—“Incidents of the Kettle-Molande and Their Ancestral Home” (Illustrated).  
Prof. Wm. H. Hobbs, University of Wisconsin.
- March 23.—“The Evolution of Means of Transportation in America” (Illustrated).  
Prof. Edwin Eric Sparks, University of Chicago.
- March 31.—“Some Interesting Insects” (Illustrated).  
Mr. E. B. Chope, Assistant in Department of Zoology.
- April 6.—“Deep Sea Fishing and Fishes” (Illustrated).  
Dr. S. E. Meek, Assistant Curator Department of Zoology.
- April 17.—“The Ancient Fishes of America” (Illustrated).  
Dr. J. Walter Fewkes, Bureau of Ethnology, Washington, D. C.
- April 20.—“Tour of the Plant World—West Indies” (Illustrated).  
Dr. C. F. Millspaugh, Curator Department of Botany.
- April 27.—“Jamaica—The Princess of the Antilles” (Illustrated).  
Dr. C. F. Millspaugh, Curator Department of Botany.

**PUBLICATIONS.** This means of recording the results of original research is, of course, of the most important and, consequently, the most satisfactory, and, judging from the complimentary references made from time to time by prominent scientists and journals, the standard reached is very high. “A Synopsis of the Mammals of North America and the Adjacent Seas” was issued during the year and the following excerpt from a review of the work by a prominent scientist may be of interest in connection with the typographical appearance which characterizes the Museum publications:

The book is well printed, though on glazed paper that is probably ill-adapted to withstand constant use. This, however, was rendered unobtrusive by the generous illustrations with which the text is illustrated. As if to compensate for the brevity of the text, the book is illustrated with a profuseness hitherto unknown in similar works. The plates and text figures contain full size reproductions of photographs of the skull and teeth of at least one representative of nearly every genus and sub-genus. The standing of excellence of these figures is very high, and no equally successful application of photography to zoological illustration on so extensive a scale has hitherto been made.”



LARGE MALE IN GROUP OF STONE'S ALASKA BLACK SHEEP (*Ovis stonei*)—FIELD COLUMBIAN MUSEUM.



Below will be found titles of the publications issued since October 1st last, with the number of pages and illustrations :

- Pub. 45.—Zool. Ser., Vol. 2. "Synopsis of the Mammals of North America and the Adjacent Seas." By D. G. Elliot. 471 pp., edition 1,100, illustrations 143 (half-tones).
- Pub. 51.—An. Ser., Vol. 2, No. 4. "An Aboriginal Quartzite Quarry in Eastern Wyoming." By G. A. Dorsey. 13 pp., edition 1,000, illustrations 12 (half-tones).
- Pub. 52.—Report Ser., Vol. 1, No. 6. "Annual Report of the Director." 86 pp., edition 2,000, illustrations 14 (13 half-tones, 1 zinc etching).
- Pub. 53.—Geol. Ser., Vol. 1, No. 8. "Observations on Indiana Caves." By O. C. Farrington. 27 pp., edition 1,000, illustrations 11 (9 half-tones, 2 zinc etchings).
- Pub. 54.—Zool. Ser., Vol. 3, No. 3. "List of Mammals obtained by Thaddeus Surber, Collector for the Museum, in the Provinces of New Brunswick and Quebec, Canada." By D. G. Elliot. 17 pp., edition 1,000, no illustrations.
- Pub. 55.—An. Ser., Vol. 3, No. 1. "The Oraibi Soyal Ceremony." By G. A. Dorsey and H. R. Voth. 136 pp., edition 1,000, illustrations 37 (half-tones).
- Pub. 56.—An. Ser., Vol. 2, No. 5. "Archæological Investigations on the Island of La Plata, Ecuador." By G. A. Dorsey. 161 pp., edition 1,000, illustrations 72 (63 half-tones, 9 zinc etchings).
- Pub. 57.—Zool. Ser., Vol. 2, No. 2. "A List of the Land and Sea Mammals of North America, North of Mexico." Supplement to the Synopsis. By D. G. Elliot. 64 pp., edition 1,000, illustrations 7 (half-tones).
- Pub. 58.—Zool. Ser., Vol. 3, No. 4. "A List of Mammals obtained by Thaddeus Surber in North and South Carolina, Georgia, and Florida. By D. G. Elliot. 21 pp., edition 1,000, illustrations 6 (half-tones).
- Pub. 59.—Zool. Ser., Vol. 3, No. 5. "The Caribou of the Kenai Peninsula." By D. G. Elliot. 12 pp., edition 1,000, illustrations 3 (half-tones).

The following table shows the number and classes of foreign and domestic addresses at present included in the mailing list:

## OFFICIAL:

Trustees, . . . . .	12
Staff, . . . . .	10
Corporate Members, . . . . .	3
Honorary Members, . . . . .	3
Annual Members, . . . . .	328

## RECEIVED PUBLICATIONS IN ALL DEPARTMENTS:

	Domestic.	Foreign.
Individuals, . . . . .	9	10
Universities, Schools and Colleges, . . . . .	60	37
Museums and Gardens, . . . . .	6	38
Academies and Institutes, . . . . .	29	19
Societies, . . . . .	24	49
Libraries, . . . . .	50	27
Government and State Departments, . . . . .	11	2
Journals, . . . . .	11	17

## RECEIVED PUBLICATIONS IN ONE OR MORE DEPARTMENTS:

	DOMESTIC.						
	*A.	B.	G.	*H.	*I.A.	*O.	*T. Z.
Individuals, . . . . .	79	54	110	5	10	1	37
Universities, Schools and Colleges, . . . . .	3	28	11	7	2	1	28
Museums and Gardens, . . . . .	9	6	6	..	..	..	7
Academies and Institutes, . . . . .	3	2	2	1	7	..	2 1
Societies, . . . . .	11	13	11	13	3	4	4 12
Libraries, . . . . .	..	2	1	18	..	..	.. 4
Journals, . . . . .	12	9	6	..	..	2	2 4
Government and State Departments, . . . . .	1	8	16	4	..	..	.. 14

	FOREIGN.						
	*A.	B.	G.	*H.	*I.A.	*O.	*T. Z.
Individuals, . . . . .	49	27	51	..	..	5	.. 21
Universities, Schools and Colleges, . . . . .	..	..	5	..	..	1	.. 9
Museums and Gardens, . . . . .	9	5	5	..	..	1	.. 5
Academies and Institutes, . . . . .	3	..	7	..	..	1	.. 3
Societies, . . . . .	12	12	19	..	..	3	.. 25
Libraries, . . . . .	1	..	..	..	..	..	.. ..
Journals, . . . . .	12	2	5	..	..	3	.. 2
Government and State Departments, . . . . .	..	5	15	..	..	..	.. 7

The distribution to foreign countries is still continued through the Bureau of International Exchanges of the Smithsonian Institution.

\* A., B., G., H., I.A., O., T. and Z. denote Anthropology, Botany, Geology, History, Industrial Arts, Ornithology, Transportation and Zoology.

\* Nothing issued in departments indicated by dagger during year ending September 30 1901.



**THE LIBRARY.**—During the year there have been added to the library 1,461 volumes and 2,462 pamphlets, making the total number of accessions 28,272. The growth of the library has been greater this year, chiefly owing to the fact that the most important scientific institutions now readily respond with their publications in exchange for the Museum series. An indication of its growth is illustrated by the fact that the accommodation for the card catalogue has had to be substantially increased. The cataloguing is kept up to date and all the catalogues are being revised. Attention should be drawn to the fact that a number of publishers have placed the Museum on the free list of their journals, in exchange for its publications—another evidence of the appreciation in which the institution and its work are held. An inventory is now being taken of all books and pamphlets in the library.

Among the gifts, special mention should be made of those received from the Biblioteca Nacional, Santiago de Chile; Boston Museum of Fine Arts; New York Botanical Gardens; Pennsylvania State Library; Duc de Loubat, Paris, France; and George Watt, M. B., Calcutta, India.

The volumes and pamphlets in the Library are distributed as follows:

	Books.	Pamphlets.
General Library, . . . . .	9,359	12,844
Department of Anthropology, . . . . .	243	90
Department of Botany, . . . . .	438	244
Department of Geology, . . . . .	1,583	2,819
Department of Ornithology, . . . . .	368	...
Department of Zoology, . . . . .	284	...

**THE RECORDS.**—The system of recording accessions and inventoring specimens still works effectively. The total number of specimens accessioned during the year has been 39,002. Classification of the accessions follows:

	Accessions.	Specimens.
Gifts, . . . . .	170	15,608
Loans, . . . . .	3	270
Exchanges, . . . . .	54	4,073
Collected, . . . . .	51	14,443
Purchased, . . . . .	53	4,068
	331	39,002

**DEPARTMENTAL CATALOGUING, INVENTORYING AND LABELING.**—The work of cataloguing in the Department of Anthropology has proceeded as usual during the year. The more important collections which have been catalogued are those which have been made by Assistant Curator Simms in Arizona, by Curator Dorsey in Oklahoma, the Wyman Collection, and the collection of Caldera, Chili, presented by Mr. Cyrus H. McCormick. The services of Prof. Tarbell of the University of Chicago, were secured by special arrangement and he has devoted a large amount of time to the preparation of labels for the collections in the north court, illustrative of the Archaeology of Europe. The number of labels printed for the department has been smaller than in previous years, this being due to the fact that the work in the printing office has recently so increased as to overtax its capacity. All specimens received during the year in the Department of Geology have been promptly numbered and catalogued and any available data regarding them preserved. It is satisfactory to know that the Curator reports that records are now on file for all specimens in the Department. The entries in the inventory books of the Department of Zoology number more than in any previous year, so that the books of this Department are now in a very satisfactory state. A number of cards have also been added to the index and it may be safely stated that the clerical work this year has had more attention than usual and that the recording of material has kept pace with the receipt of new acquisitions. The inventory books in the Department of Botany are in a highly satisfactory condition, the number of specimens entered being over 19,000 for the year. The year's work in the Museum on catalogues and inventories is shown in detail as follows:

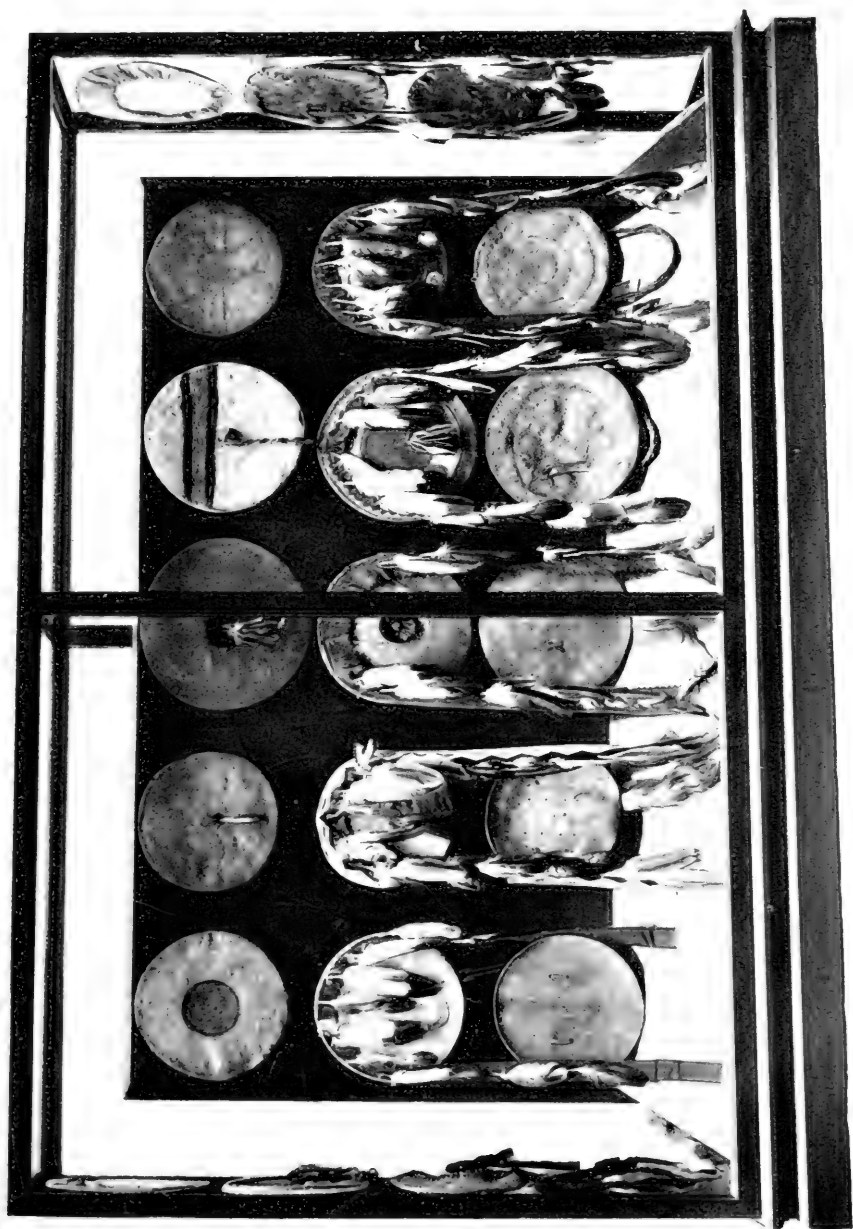
DEPARTMENT.	No. of Record Books.	Total No. of Entries to Sept. 30, 1901.	Entries during 1900-01.	Total No. of Cards Written.
Anthropology, . . . . .	22	45,925	4,262	48,786
Botany, . . . . .	31	101,238	19,428	2,600
Geology, . . . . .	11	28,973	2,803	6,000
Library, . . . . .	3	28,272	4,073	15,726
Ornithology, . . . . .	3	11,069	—	—
Photography, . . . . .	4	6,392	—	—
Zoology, . . . . .	20	23,992	1,922	12,100

**ACCESSIONS.**—There continues to be constant growth in material in the various departments through purchases and the results of field work. In many cases collections and specimens have been presented to the Museum. Notably was this the case in the acquisition by the Department of Anthropology of the Watron collection,

obtained through the liberality of Mr. Stanley McCormick. This collection comprises nearly 3,000 specimens from certain important Hopi and Zuni ruins, and with the specimens secured by previous expeditions made possible through Mr. McCormick's generosity, has placed the Department in possession of between 7,000 and 8,000 pieces of pre-historic pottery. Other important accessions in this department have resulted from several expeditions in the field; Mr. Newcombe among the Haida Indians, Mr. Miller among the tribes of the Shahaptian stock, Mr. Hudson in California, Assistant Curator Simms among tribes of the Puman and Yuman stock, Assistant Curator Owen among the Apache and Navajo tribes, and Curator Dorsey among the Osage, Pawnee and Wichita tribes. A valuable collection of over 200 sets of games of the North American Indians has been added, as well as also eight buffalo shields, the latter being secured by exchange with the National Museum. In addition to these very large collections, certain other accessions are deserving of mention. Chief among the purchases of the year is that of the collection comprising about 300 copper implements and about 900 stone implements from Wisconsin and six well-authenticated and well-preserved wampum treaty belts; also, by purchase from Mr. Wyman, were obtained two very handsome buckskin suits, secured by the artist, Mayer, in 1864, from the Sioux, in Western Minnesota. These suits are of the highest interest and value on account of their age and excellent state of preservation. Two other old Klamath suits of buckskin, believed to be the only suits of that reservation, were also secured by purchase. A small but interesting collection illustrating certain phases of the life of the Winnebago Indians of Wisconsin was purchased from Mr. T. R. Roddy. Another interesting acquisition was that of two Zuni shields, pictured by Mr. Cushing in the Second Report of the Bureau of Ethnology, and described by him as the "Fetiches of the Priesthood of the War Bow," a Zuni esoteric society. The shields were among the most sacred possessions of the Zuni and were acquired by purchase from a dealer. An exchange with the National Museum enabled the Museum to obtain eight buffalo shields of the highest value to the collection. It may be of interest to note in connection with the two acquisitions of shields above mentioned, that the Curator of the Department secured during the summer from one tribe seventeen shields, and that Assistant Curator Owen secured two from another tribe, so that the Museum is now in possession of nearly forty of these important and characteristic objects of the Plains Indians. The Division of Somatology secured by exchange with Mr. David Boyle, of the Archæological Museum, Toronto, an invaluable collection

of over fifty skulls of the early Hurons of Ontario. These form a most valuable addition to the already extensive collection of osteological material from that country. By purchase twelve additional specimens of carved Papuan crania were secured. Further material of this nature was also secured from the University of Pennsylvania by exchange; from Mr. Fred Harvey, by gift; while the amount secured by expeditions in the field was unusually large. From the Paris Exposition of 1900 about 1,200 specimens of ores and minerals were received and added to the collections in the Department of Geology. These included a complete series of zinc ores of the United States, gold and silver ores from a number of mines of the Western and Southern States, a nearly complete series of iron ores of the United States, mercury ores from the United States and Russia, etc. A number of bones of the Mastodon were obtained from Morocco, Ind. Three falls have been added to the meteorite collection by purchase. The work in the dinosaur quarries in western Colorado was the means of adding a large quantity of material. As usual the most valuable accessions in the Department of Zoology were obtained by collectors in the field, making it possible for the Curator to obtain reliable data regarding each specimen. Several specimens were, however, added by purchase. The gift of Messrs. Kennedy and Stevenson of a group of Mexican deer and the purchase of a number of species of African antelope now nearly extinct must be considered important. A fine specimen, with the skeleton, of a sea lion sixteen feet in length was also secured. The dispatching of Assistant Curator Meek to Mexico in the spring of the year resulted in the adding of over 5,000 ichthyological specimens. A report of this expedition is being prepared for publication. Over 8,000 entomological specimens were presented to the Museum during the year and 683 were collected in the field. The notable additions to the Department of Botany are as follows: 505 European specimens, 136 Oregon specimens, 417 plants collected by the Curator in Jamaica, 416 St. Croix plants, 1,176 Illinois and Indiana plants collected and arranged by Prof. Umbach, 214 Natal plants received from the Botanical Gardens of Natal, etc. Much economic material has also been received and added to this department, chiefly by gift, and the display contemplated in the galleries during the next year will, it is anticipated, attract considerable attention.

**EXCHANGES.** It is of the highest importance that this system of acquiring material be extended, as it undoubtedly engenders concurrent effort in the scientific field. Collectors in the field naturally obtain much duplicate material, and if it was so desired several indi-



OSAGE SHIELDS OF BUFFALO HIDE, WITH OUTER AND INNER DECORATED COVERS OF BUCKSKIN—FIELD COLUMBIAN MUSEUM.



vidual collections might be prepared with very little extra effort, for exchange with institutions who would respond in the same manner. Exchange relations have been opened this year with several new institutions and individuals, both abroad and at home, to the mutual satisfaction of the parties concerned.

**EXPEDITIONS AND FIELD WORK.**—The number of expeditions in the field this year outnumbered any sent out in previous years. The complete list indicates the gentlemen who had charge of the expeditions, the localities they visited, and the material they obtained:

Locality.	Collectors.	Material.
Jamaica, West Indies, . . .	C. F. Millsbaugh, . . .	Photographic and Plant material.
Southern Illinois, . . .	W. A. Phillips, . . .	Quarry, Shop and Mound Collections of Archæological material.
Arizona and California, . . .	S. C. Simms, . . .	Ethnological Collections from Tribes of the Piman and Yuman Stocks.
California, . . . . .	J. W. Hudson, . . . . .	Ethnological Collections from Tribes of the Mariposan and Maquelumman Stocks.
Central Mexico, . . . . .	S. E. Meek and F. E. Lutz,	Reptiles, Fishes, Mammals and Insects.
Western Colorado, . . . . .	E. S. Riggs, . . . . .	Dinosaurs.
Arizona, . . . . .	Chas. L. Owen (Stanley McCormick Exped'n),	Archæological Collection from Prehistoric Hopi Graves in Ruins of Walpi and Mishongnovi.
Hopi, Arizona, . . . . .	Geo. A. Dorsey (Stanley McCormick Exped'n),	Ethnological Collection.
Southern Illinois, . . . . .	W. A. Phillips, . . . . .	Archæological material from Cobden, Ill., and Hot Springs, Ark.
Columbia River Basin, . . . . .	Merton L. Miller, . . . . .	Ethnological and Archæological Collections from Shaphtian Tribes.
Queen Charlotte Islands, British Columbia, . . . . .	C. F. Newcombe, . . . . .	Totem Poles, Grave Carvings, Skeletons and General Haida Ethnology.
Apache and Navajo Indians, Arizona, . . . . .	Chas. L. Owen, . . . . .	Ethnological Collection.
Oklahoma, . . . . .	Geo. A. Dorsey, . . . . .	Ethnological Collections from Osage, Pawnee and Wichita Indians

In the last Report mention was made of the expedition of Assistant Curator Owen among the Hopi, through the generosity of Mr. Stanley McCormick. The expedition returned in November after a most successful summer's work, during which time eight ruins were visited, all of which yielded large collections of the highest interest and value. Mr. McCormick's further interest in this work made possible its continuation this spring, with the result that a large amount of material was obtained from the ruins of old Walpi and Mishongnovi, the specimens secured from the former ruin numbering about two thousand, amongst which were hundreds of bahos or prayer sticks, painted stoneslabs, effigies, and many forms of pottery new to science, both in their form and decoration. Objects illustrative of the religious life of the Hopi, of which probably the most interesting was the reredos of the altar of the Drab Flute Society of Mishongnovi, were procured on this expedition. Two months' collecting of Ethnological specimens from the White Mountain Apache and Navajo resulted in the acquisition of over five hundred objects illustrating the daily and religious life of the tribes mentioned. Early in January of this year Assistant Curator Simms was dispatched to Arizona where he remained three months, pursuing ethnological investigations among the various tribes of the Piman and Yuman stocks. Owing to the fact that these tribes had not been previously represented in the collections of the Museum to any considerable extent, the material and information obtained by Mr. Simms are of unusual value. During the past year J. W. Hudson became associated with the Department of Anthropology and was assigned to work in California. His work will continue through this and the following year, and will have for its object the careful study of certain little-known tribes. An extremely large collection, embracing many categories of objects of the tribes of the region that he has thus far visited, has already been catalogued and accessioned. It is also highly probable that as a result of his investigations much new light will be thrown upon many heretofore obscure problems of the ethnology of this region. During the five summer months M. L. Miller, from the University of Chicago, investigated for the department certain Shshapian tribes of the Columbia River basin. This region was practically unrepresented in the collections of the Museum, and as a result of Mr. Miller's work a very large collection of the highest interest and value has been secured, thus filling an important gap in the collections illustrating the Ethnology of North America. The department has also secured many valuable specimens from the Haida Indians of the Queen Charlotte Islands, through an

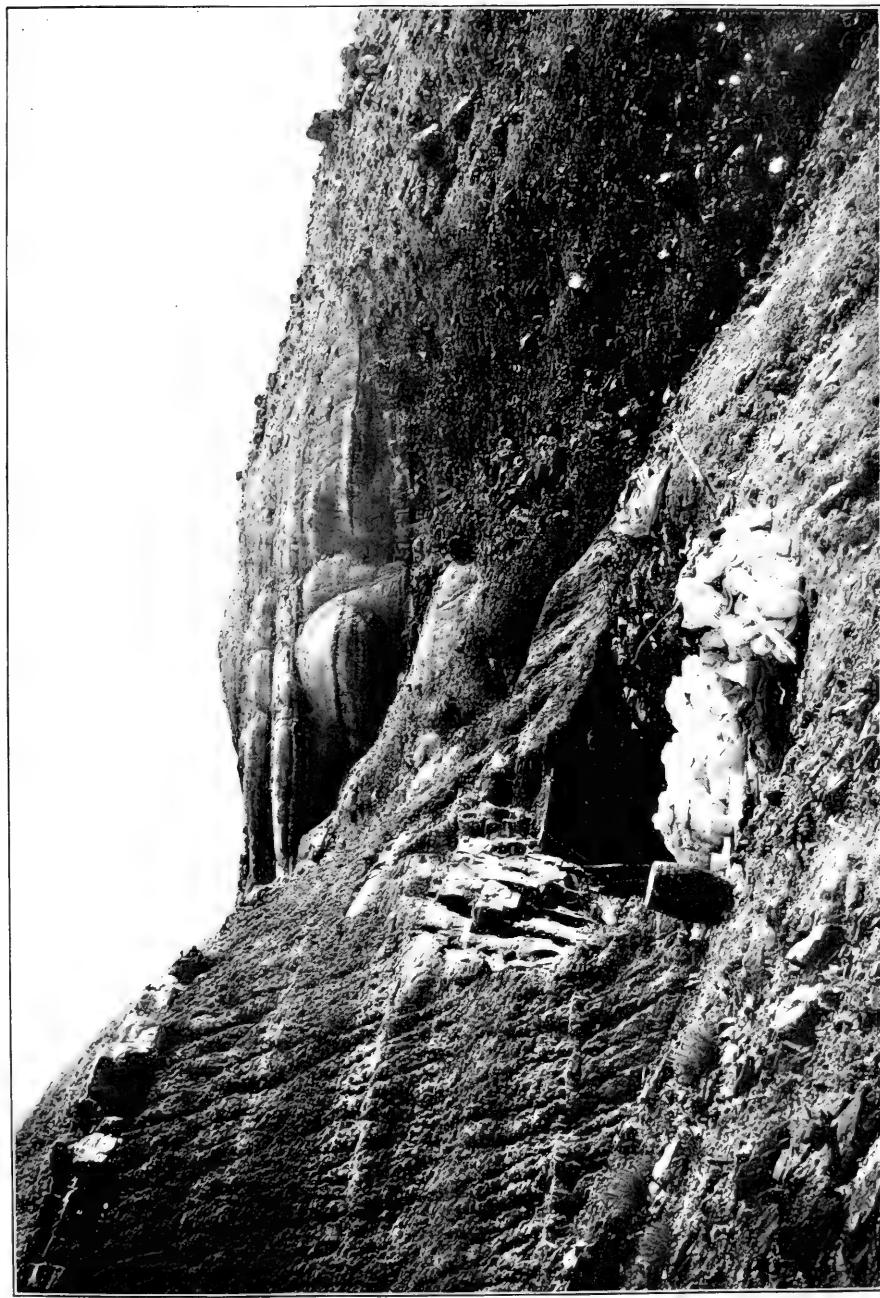


arrangement with C. F. Newcombe of Victoria. A large number of skeletons, skulls and general ethnological material secured in this region is of exceptional interest. An extremely large totem pole, a finely carved interior house-post, a large memorial column and many carvings from shaman's graves must also be noted. Mr. Phillips, of Evanston, again visited southern Illinois for the purpose of continuing his investigations in aboriginal quarry shops. He was also enabled to secure specimens from the novaculite quarries in Arkansas which will make more complete the series from this locality already in possession of the Museum. Mr. Millspaugh, Curator of the Department of Botany, visited Jamaica, West Indies, with the result that a large number of photographs and notes of tropic fruit culture were obtained, and a small but valuable series of plants collected. Working of the dinosaur quarries in Colorado, which were discovered and partially exploited a year ago, was continued during several months of the summer by a party under the direction of Assistant Curator Riggs. A large quantity of remains was obtained which belonged to a single individual of the genus *Brontosaurus*. The remains secured are as follows: Eleven presacral, five sacral and twenty-three caudal vertebræ, all in series; one femur, one ilium, two pubes, two ischia, fifteen ribs and numerous chevrons and small bones. All these bones are in an excellent state of preservation and when cleaned and mounted will make an impressive and instructive display. The work of securing them involved considerable blasting, tunneling and the construction of a temporary ferry. In addition to the above, several specimens of fossil insects were obtained and about sixty-five excellent negatives giving landscape and quarry views of the region were made. Grateful acknowledgments are due the officials of the Chicago, Burlington & Quincy and the Denver & Rio Grande Railroads for assistance in the work of this expedition. Mr. Surber, the regular collector in the Department of Zoology, resigned in the early spring and Mr. Edmund Heller was engaged to succeed him. He is now at work on the Pacific coast, where he has been unusually successful, having in a short space of time added a number of species not represented in the collections. The visit of Mr. Meek, accompanied by a volunteer assistant, to Southern Mexico for the purpose of collecting mammals, fishes, reptiles and insects, was highly important. The collection of fishes obtained was naturally the largest and most important from a scientific standpoint, as it will furnish more material to work out the geographical range of the North American forms which are found in Southern Mexico, and

the limit of South American fishes which are found in Central America and which go north into Southern Mexico, that has been collected in that country. A large amount of duplicate material, valuable for exchange, was also secured. Six hundred and eight specimens of reptiles were added to the collections during the past year, nearly all of which were procured in the field.

**INSTALLATION, REARRANGEMENT AND PERMANENT IMPROVEMENT.**— More repairs and alterations to and around the building have been made during the past year than any in the history of the institution. The renewal of the building foundations has been continued and is complete with the exception of those in the east annex, which will be finished by the end of December. The floors of the east and west entrances to the main building have been entirely taken up and rebuilt with brick, iron and concrete. The exterior of the building still demands constant attention and the plastering done a year ago had to be entirely renewed. The repairs to the roof are maintained and this year the entire area was given a coat of paint. The alterations in the building have been more extensive than in any previous year. The photographic gallery has been enlarged, as also the printing office, and a new office provided for the Curator of Botany on the first gallery. The Librarian's office was completely renovated, the walls calcimined, and a hardwood floor laid. More light was demanded and a window was opened in the west wall. Additional light and ventilation were also provided in the sleeping room of the firemen. An unusually large number of cases have been built and several old cases ebonized and mahoganized, so that there are now comparatively few of what might be termed "World's Fair" cases in the building.

The removal of the textile collections, formerly occupying Halls 30 and 31, was completed during the year, the halls repainted and collections illustrating the Ethnology of South America installed therein. Halls 14 and 15, which contained the latter collections, were utilized to exhibit newly acquired material. The complete reorganization of Ayer Hall and the removal of all collections which did not pertain to the Plains Indians was a noteworthy feature of the year. The entire hall was painted and forty new cases provided in which were installed collections illustrating the tribes of the Siouan, Algonquin, and allied stocks. The series of Catlin paintings were reframed and placed on the north wall, thus further augmenting the attractiveness of the hall. The Ayer collection from the northwest coast was installed in six new cases in Hall 11, thus completing the installation of the halls devoted to this region. Hall O, formerly the office of the curator of the



DINOSAUR QUARRY NO. 15—NEAR FRUITA, COLORADO—EXPEDITION OF 1901.—FIELD COLUMBIAN MUSEUM.



department, having been placed in order, was occupied for the first time this year by a collection illustrating the games of the North American Indians. In Hall 8 were placed seventeen large upright cases and in these the Watron collection and portions of the collections secured by Assistant Curator Owen were installed. The collection of relics from the Swiss Lake dwellings, presented by the Vice-President, as noted in the last Report, was placed in new cases in an alcove in the North Court, where it forms a valuable addition to the Archæological collections of Europe. The collection secured by Assistant Curator Simms from the tribes of the Paiman and Yuman stocks was identified and labeled and now occupies Hall 15. An ethnological group of six figures, illustrating the more important domestic activities of the Puget Sound Indians, was completed and placed on exhibition.

The Curator of the Department of Zoology reports that several of the divisions are exceedingly cramped for room and that further installation of specimens in these divisions will be difficult. The overhauling and re-installation of the Conchological collections has been completed so that they now occupy thirty-two table cases, all identified and labeled. A striking group of the northern Wart Hog was placed on exhibition in the West Court and has already attracted much attention. In other divisions of Zoology, more attention has been paid to the study collections, which are all in a highly meritorious and accessible condition.

In order that a systematic re-installation of the large economic collections might be pushed and augmented, and this valuable material, which has only had a geographic installation since the opening of the Museum, might be brought into a more fitting condition, two new office rooms for the Curator of Botany and his assistant have been built upon the main gallery and types of three styles of cases, designed for economic installation, viz.: (1) wall cases, (2) floor cases and (3) table cases. Two floor cases and twelve wall cases have been built, and fourteen more are in process of construction. The time of the Curator since the first of May has been employed in filling gaps in various groups of economic material, writing descriptive labels and installing in monographic completeness such material as it has been possible to acquire. The cases finished to date are: The utilization of cocoanut fiber (2 cases); licorice and vegetable waxes ( $\frac{1}{2}$  case); the destructive distillation of wood ( $\frac{1}{2}$  case); the utilization of pine needle fiber (1 case); the utilization of cork (2 cases); Paraguay and Japan tea (1 case); Indian corn (1 case). Several others are brought near to completion. Several entirely unique designs in graphic

labels and specimen mounts have been devised and will be incorporated in the installation during the coming year.

In Hall 65, devoted to structural geology, an exhibit of cave formations and cave life has been prepared. Stalactites, stalagmites and other cave formations from several well known caves of the United States have been mounted in their natural position and a realistic setting corresponding in form and details to a typical limestone cave, given. Accessories illustrating water, and animals which live in caves, such as bats, blind fish, crayfish and crickets are also used. The whole illustrates the nature and manner of growth of limestone cave formations and the living forms which characterize such caves. Owing to the darkness of the interior of the case from its being enclosed on all but one side, electric lights are used to illuminate the interior. The other cases in the same hall have been lined and repainted, the specimens thoroughly cleaned and re-installed. A case containing a collection of claystones has been added. About half the cases containing the systematic mineral collection have also been lined and painted, the specimens cleaned, carefully re-identified and re-installed. The Chalmers crystal collection received from exhibition at the Paris Exposition has been installed in Hall 64. The work of transferring the invertebrate fossils to the mounts of manila board described in a previous report has been continued, in preparation for removal of the collection to new cases now in process of construction. A foreleg, complete with the exception of a few foot bones and including the shoulder girdle, of the large dinosaur *Morosaurus*, has been mounted and installed in Hall 36. A femur and humerus of *Camarasaurus*, which are the largest dinosaur bones ever discovered, together with several vertebrae and a rib of the same animal have also been placed in this hall. These specimens are of especially high scientific value and interest. The collections in Hall 70, devoted to ores of the base metals, have been completely re-installed. The old cases were removed and new cases, purchased in part from the United States Commission to the Paris Exposition, substituted. These cases are constructed of mahogany and plate glass and represent a permanent style of installation. The types of cases employed are three, a wall case, a flat floor case and an upright floor case. The wall cases are twelve feet long and seven feet high. The upper portion of the case, designed for the exhibition of smaller specimens, is ten inches deep and is fitted with five slanting shelves. Specimens installed on these shelves are mounted on mahogany blocks beveled to make a level support, to the front of which the label is attached. It is found

that the use of a sloping shelf and a beveled block gives the specimens an improved perspective, which could not be gained by a level shelf. The lower portion of the case has a projecting slant front supported by turned posts and is designed for the exhibition of larger specimens. The flat and upright cases are designed for the exhibition of the heaviest and largest ore specimens. The flat cases are six feet long, four feet wide and four feet high; the upright cases four feet square and six feet six inches high. They rest on heavy turned legs, which raise the base of the case two feet from the floor. The cases are lined with Pompeian red burlap. An upright hexagonal case with central pyramid is used for the exhibition of the most showy specimens of copper ore. The collections illustrating the metallurgy of iron, formerly occupying Hall 76, have been entirely removed, as they were somewhat foreign to the present scope of the Museum and the room was needed for other purposes. Collections and cases were presented to the Armour Institute of this city. In their place will be put the collections illustrating geographic geology, which include relief maps, globes and other geographic material, and the space in Halls 60 and 61, formerly devoted to their exhibition, will be used to accommodate the expanding paleontological collections. Considerable additions have been made to the collections of ores of the precious metals, largely through material received from the Paris Exposition. The exhibition of this material has been provided for by the addition of one new wall case and by the installation of four cases of ores in the west dome. The interiors of the upright floor cases in Hall 72 have been repainted, the specimens cleaned, re-identified and mounted on beveled imitation mahogany blocks.

**PHOTOGRAPHY, ILLUSTRATION AND PRINTING.**—Each of these divisions reports unusual progress, both as regards equipment and work accomplished. The addition of more floor space to the printing office has made it possible to increase the staff, which was recently done. The employment of an artist in the division of illustration must be noted with satisfaction, being an acquisition which had been much needed. The following tables show the work performed by these important divisions:

Photography and Illustration.	Negatives.	Prints.	Lantern Slides.	Developments.
Department A, . . . .	173	1,536	75	1,080
Department B, . . . .	18	6	102	142
Department G, . . . .	32	147	...	...
Department Z, . . . .	401	284	103	145
Publications, . . . .	...	...	...	...

Photography and Illustration.	Negatives.	Prints.	Lantern Slides.	Developments.
Lectures, . . . . .	55	...	55	...
For distribution, . . . . .	...	112	...	...
Expeditions, . . . . .	2,572	...	...	...
Totals, . . . . .	3,251	2,085	335	1,367
Printing Office.			Labels.	Other Impressions.
Anthropology, . . . . .			713	3,975
Botany, . . . . .			273	13,100
Geology, . . . . .			3,642	...
Transportation, . . . . .			15	...
Zoology, . . . . .			4,523	756
Director's Office, . . . . .			...	24,589
Library, . . . . .			...	3,312

**TAXIDERMY.**—Work in this division has been unusually active, and results of the very highest character have been attained. New methods in mounting specimens have been adopted and in consequence a perfection of work never before attained has been secured. Five large groups are nearing completion, one of zebra and four of the Virginia deer in spring, summer, autumn and winter, this last distinguished by a wealth of accessories and detail never before attempted in this class of work.

**BEQUEST.**—The sum of \$1,000.00 was bequeathed to the Museum by the late Huntington W. Jackson. This brings to mind the fact that the President during the year supported the movement to amend the law regarding the Inheritance Tax, and the Museum is to be congratulated on the success with which the concerted efforts of the various institutions in the country has been crowned, the objectionable law having been repealed by the United States and the State of Illinois.

**ATTENDANCE.**—A falling off in the total attendance for the year has to be reported. The figures show a difference of 18,491 in favor of the year ending September 30, 1900, over the year ending September 30, 1901. More than half of this decrease occurs in the month of September, 1901, when the attendance was 9,782 less than in the same month of the previous year. The only explanation of this large difference is in the fact that the weather was inclement on three out of the nine free days of the month. The marked decrease in the paid attendance is explained by the fact that during the previous year the visit of the G. A. R. to Chicago brought a great many strangers to the city, who visited the Museum in large numbers, in fact, the paid attendance during the week of the encampment was 4,500 more than the



average. It is encouraging in view of this diminution to note that the attendance of scholars and teachers is the largest in the history of the Museum, being over 1,500 in excess of any previous year. During the year 222 classes comprising 6,225 pupils have studied the collections. Of these classes, 11 were from outside the city and the remaining 211 were from the city. Appended is a list of classes, thirty or more, that visited the Museum during the year just closed. A comparison between the daily attendance for the year ending September 30, 1900 and the year ending September 30, 1901 is also given.

SCHOOLS AND LOCATION.	Teachers.	Pupils.
Sherwood—Princeton ave. and Fifty-seventh st., . . . . .	1	30
Normal—444 West Sixty-ninth st., . . . . .	9	42
Chas. W. Earle—Sixty-first st. and Armitage ave., . . . . .	1	30
Chas. W. Earle—Sixty-first st. and Armitage ave., . . . . .	1	35
Normal—444 West Sixty-ninth st., . . . . .	4	47
J. N. Thorp—Superior ave. and Eighty-ninth st., . . . . .	1	35
Normal—444 West Sixty-ninth st., . . . . .	1	46
Chas. W. Earle—Sixty-first st. and Armitage ave., . . . . .	1	32
John M. Smyth—West Thirteenth st. and Blue Island ave., . . . . .	2	72
Hyde Park High—Fifty-seventh st. and Kimbark ave., . . . . .	3	46
St. Mary's High—1447 South Forty-second ave., . . . . .	8	99
Normal—444 West Sixty-ninth st., . . . . .	4	36
Normal—444 West Sixty-ninth st., . . . . .	1	35
John Marshall—West Adams st. and Kedzie ave., . . . . .	2	36
John Marshall—West Adams st. and Kedzie ave., . . . . .	2	34
Chase—Cornelia ct., corner Point st., . . . . .	1	47
Hyde Park High—Fifty-seventh st. and Kimbark ave., . . . . .	2	50
Hyde Park High—Fifty-seventh st. and Kimbark ave., . . . . .	1	74
Hyde Park High—Fifty-seventh st. and Kimbark ave., . . . . .	1	85
Komensky—Throop st., corner W. Twentieth st., . . . . .	1	32
Normal—444 West Sixty-ninth st., . . . . .	5	43
Normal—444 West Sixty-ninth st., . . . . .	3	45
Forestville—St. Lawrence ave., corner Forty-fifth st., . . . . .	1	41
Normal—444 West Sixty-ninth st., . . . . .	1	36
Audubon—Cornelia ave. and North Hoyne ave., . . . . .	1	47
Normal—444 West Sixty-ninth st., . . . . .	4	72
Sherwood—Princeton ave. and Fifty-seventh st., . . . . .	1	36
Normal—444 West Sixty-ninth st., . . . . .	2	33
Forestville—St. Lawrence ave., corner Forty-fifth st., . . . . .	1	39
Marshall—West Adams st. and Kedzie ave., . . . . .	1	32
Carter—Sixty-first st. and Wabash ave., . . . . .	1	31
Normal—444 West Sixty-ninth st., . . . . .	1	40
Normal—444 West Sixty-ninth st., . . . . .	1	42
McCosh—Champlain ave., corner Sixty-sixth st., . . . . .	1	39
Walter Scott—Sixty-fourth st. and Washington ave., . . . . .	1	30
Calumet—2643 Calumet ave., . . . . .	..	34

SCHOOLS AND LOCATION.	Teachers	Pupils
Prescott—Wrightwood ave. and North Ashland ave., . . . . .	1	34
Hyde Park High—Fifty-seventh st. and Kimbark ave., . . . . .	1	38
Eighty-third Street—Eighty-third st., corner Houston ave., . . . . .	1	30
Forestville—St. Lawrence ave., corner Forty-fifth st., . . . . .	1	32
Englewood High—Stewart ave., corner Sixty-second st., . . . . .	2	142
Carter—Sixty-first st. and Wabash ave., . . . . .	2	31
Hyde Park High—Fifty-seventh st. and Kimbark ave., . . . . .	2	40
Parkside—Seventieth st. and Scipp ave., . . . . .	1	50
Champlain—Princeton ave. and Sixty-first st., . . . . .	1	42
Myra Bradwell—Seventy-seventh st. and Sherman ave., . . . . .	1	39
Myra Bradwell—Seventy-seventh st. and Sherman ave., . . . . .	1	32
D. S. Wentworth—Seventieth st. and Sangamon st., . . . . .	2	40
Headley—Lewis st., corner Garfield ave., . . . . .	2	66
South Division High—Twenty-sixth st. and Wabash ave., . . . . .	2	40
South Division High—Twenty-sixth st. and Wabash ave., . . . . .	2	41
Hyde Park High—Fifty-seventh st. and Kimbark ave., . . . . .	2	117
George W. Curtis—State st. and West 114th pl., . . . . .	2	33
East Chicago—East Chicago, Ind., . . . . .	2	39
Newberry—Willow and Orchard sts., . . . . .	1	31
Hyde Park High—Fifty-seventh st. and Kimbark ave., . . . . .	2	125
George W. Curtis—State st. and West 114th pl., . . . . .	2	57
George W. Curtis—State st. and West 114th pl., . . . . .	2	31
Jones—Plymouth ct. and Harrison st., . . . . .	3	34
Jones—Plymouth ct. and Harrison st., . . . . .	1	30
George W. Curtis—State st. and West 114th pl., . . . . .	1	48
Harrison—Twenty-third pl. and Wentworth ave., . . . . .	1	35
East Chicago—East Chicago, Ind., . . . . .	2	65
George W. Curtis—State st. and West 114th pl., . . . . .	1	46
Mark Sheridan—Twenty-seventh and Wallace sts., . . . . .	2	37
Jones—Plymouth ct. and Harrison st., . . . . .	2	38
George W. Curtis—State st. and West 114th pl., . . . . .	2	50
Jones—Plymouth ct. and Harrison st., . . . . .	3	57
George W. Curtis—State st. and West 114th pl., . . . . .	5	134
Jewish Training School—199 West Twelfth pl., . . . . .	3	50
Mark Sheridan—Twenty-seventh and Wallace sts., . . . . .	4	72
George W. Curtis—State st. and West 114th pl., . . . . .	1	38
Hyde Park High—Fifty-seventh st. and Kimbark ave., . . . . .	1	60
Englewood High—Stewart ave., corner Sixty-second st., . . . . .	1	70
Eighty-third Street—Eighty-third st., corner Houston ave., . . . . .	2	74
George W. Curtis—State st. and West 114th pl., . . . . .	1	45
Lincoln—Chicago Heights, . . . . .	5	46
Burr—Ashland ave. and Wabansia ave., . . . . .	1	35
Eighty-third Street—Eighty-third st. and Houston ave., . . . . .	3	77
Nathaniel Greene—Thirty-sixth st. and South Paulina st., . . . . .	2	40
Fallon—Forty-second and Wallace sts., . . . . .	1	31
Eighty-third Street—Eighty-third st. and Houston ave., . . . . .	2	65
D. S. Wentworth—Seventieth and Sangamon sts., . . . . .	2	76
Eighty-third Street—Eighty-third st. and Houston ave., . . . . .	2	54
Mark Sheridan—Twenty-seventh and Wallace sts., . . . . .	4	46

SCHOOLS AND LOCATION.	Teachers.	Pupils.
Kershaw—Union ave. and West Sixty-fourth st., . . . . .	2	30
Komensky—Throop st., corner West Twentieth st., . . . . .	5	102
George W. Curtis—State st. and West 114th pl., . . . . .	2	63
Talcott—West Ohio st., corner Green st., . . . . .	1	41
George Dewey—Union ave. and Fifty-fourth st., . . . . .	2	63
Harvard—Harvard ave., near Seventy-fourth st., . . . . .	2	49
Kosciusko—West Division st., corner Cleaver st., . . . . .	2	30
Horace Greeley—Sheffield ave., corner Grace st., . . . . .	3	50
Chicago University—Chicago, . . . . .	1	35
Chicago University—Chicago, . . . . .	1	45
Washburne—West Fourteenth and Union sts., . . . . .	3	48
Lewis-Champlin—Princeton ave. and Sixty-first st., . . . . .	1	32
Yale—Yale ave. and Seventieth st., . . . . .	1	41
Normal—444 West Sixty-ninth st., . . . . .	1	36
Lewis-Champlin—Princeton ave. and Sixty-first st., . . . . .	1	37

COMPARATIVE ATTENDANCE

FOR THE YEARS ENDING SEPTEMBER 30, 1900, AND SEPTEMBER 30, 1901.

	Increase.	Decrease.
Total attendance, . . . . .	...	18,491
Paid attendance, . . . . .	...	7,603
Attendance of School Children on pay days, . . . . .	752	...
Attendance of Students, . . . . .	845	...
Attendance of Teachers, . . . . .	172	...
Attendance of Members, . . . . .	...	172
Average daily attendance, 1900, . . . . .	...	728
Average daily attendance, 1901, . . . . .	...	682

Herewith are submitted financial statements, analysis of attendance, list of accessions, names of members, etc., etc.

FREDERICK J. V. SKIFF,  
DIRECTOR.

## FINANCIAL STATEMENT.

## RECEIPTS AND DISBURSEMENTS

During the Year ending September 30, 1901.

## RECEIPTS.

Cash in Treasurer's hands, Sept. 30, 1900,	\$	3,150.77
Petty Cash on hand, Sept. 30, 1901,		730.05
Dues of Members—		
Corporate, . . . . .	\$	2,000.00
Annual, . . . . .	2,130.00	3,130.00
Admissions and Check Rooms,		6,113.25
South Park Commissioners, . . . . .		15,000.00
Chicago City Railway Company, . . . . .		2,250.00
Sale of Guides, . . . . .		378.50
Sundry Receipts,		591.27
Interest on Investments, . . . . .		2,611.61
Stanley McCormick-Watton Collection,		5,885.00
H. N. Higginbotham-Schetel Collection, . . . . .		250.00
Department of Mines and Mining, World's Columbian Exposition, per F. J. V. Skiff,		187.17
Sale of Securities, . . . . .		125,000.00
		<u>\$175,037.52</u>

## DISBURSEMENTS.

Salaries, . . . . .	\$	50,245.46
Guard Service,		11,583.53
Janitor Service,		8,142.05
Fire Protection,		2,871.32
Heat and Light		
Wages, . . . . .	3,171.61	
Fuel and Supplies, . . . . .	4,721.59	
Additions to Plant, . . . . .	1,049.00	8,180.47
Repairs and Alterations—		
Wages of Carpenters, Painters, Roofers, . . . . .	12,303.87	
Material used—Paints, Oils, Hardware, Glass, Lumber and Plaster, . . . . .	3,775.10	16,344.36
		<u>\$ 97,767.19</u>

	<i>Brought forward,</i> . . . . .		\$ 97,767.19
Furniture and Fixtures—			
	Cases and Bases, . . . . .	\$21,505.41	
	Sundries, . . . . .	548.54	22,053.95
The Library—			
	Books and Periodicals, . . . . .	658.06	
	Binding, . . . . .	65.55	
	Sundries, . . . . .	68.34	791.95
Sections of Printing and Photography, . . . . .			1,025.07
Collections and Articles Purchased, . . . . .			11,181.73
Installation Expenses, . . . . .			3,554.97
General Expense Account—			
	Freight, Expressage and Teaming, . . . . .	1,069.25	
	Stationery, Postage, Telegrams and Telephone, . . . . .	1,116.85	
	Publications, . . . . .	4,825.26	
	Expeditions, . . . . .	11,925.42	
	Sundries, . . . . .	4,333.74	24,170.52
			<u>\$160,545.38</u>
In Treasurer's hands, Sept. 30, 1901, . . . . .		4,652.19	
Petty Cash on hand, Sept. 30, 1901, . . . . .		739.95	5,392.14
			<u>\$165,937.52</u>

## ATTENDANCE AND RECEIPTS FOR THE YEAR ENDING SEPT. 30, 1901.

ATTENDANCE.		
Paid attendance		
Adults,	19,341	
Children,	1,166	20,507
Free admissions on pay days—		
School Children,	7,857	
Students,	2,192	
Teachers,	591	
Members—Corporate,	19	
Annual,	268	
Life,	11	
Officers' family,	40	
*Special,	340	11,335
Admissions on free days—		
Saturdays,	53,578	
Sundays,	162,387	216,565
Total attendance,		248,408
Highest attendance on any day (September 1, 1901),		7,753
Highest paid attendance on any day (September 2, 1901),		273
Average daily admissions (364 days),		682
Average paid admissions (260 days),		78
RECEIPTS.		
Guides sold—1,502 at 25 cents each,		\$ 375.50
Articles checked—23,228 at 5 cents each,		1,161.40
Admissions,		4,951.85
		\$6,488.75

\* Baptist Young People's Union of America.





METHOD OF MOUNTING PRESERVED CORN. DEPARTMENT OF BOTANY, FIELD COLUMBIAN MUSEUM.



## ACCESSIONS.

FROM OCTOBER 1, 1900, TO SEPTEMBER 30, 1901.

## DEPARTMENT OF ANTHROPOLOGY.

(ACCESSIONS ARE BY GIFT UNLESS OTHERWISE DESIGNATED.)

- ANDERSON, GEORGE, Marysville, Ontario.  
Game of soldiers, Mohawk Indians (exchange).
- AYER, EDWARD E., 1 Banks street, Chicago.  
Unfinished stone axe—Lake Geneva, Wis.  
Grooved stone axes—Southern Wisconsin, near Harvard.
- BENHAM, J. W., Phoenix, Ariz.  
Stone shinny ball, Pima Indians—Arizona.
- BIDDLE, W. C. B., Espanolo, N. M.  
Set cups and ball game—Santa Clara, N. M. (exchange).  
Set stave game—Santa Clara, N. M. (exchange).
- BUFORT, T. J., Siletz, Ore.  
Games of Kalapuya Indians—Siletz Reservation, Oregon (exchange).
- DORSEY, GEO. A., Field Columbian Museum.  
Navajo stave game—Navajo Reservation.
- EWING, H. P., Hackberry, Ariz.  
Sets stave games, Walapai Indians (exchange).  
Walapai ring and javelin game (exchange).
- FIELD COLUMBIAN MUSEUM.  
Collected by Geo. A. Dorsey:  
Ethnological specimens from the Osages, Pawnees, Wichitas—Oklahoma Territory.  
Accessories of the Sun Dance of July, 1901, by the Cheyennes of Oklahoma.
- Collected by Dr. J. W. Hudson:  
Ethnological specimens from the Mariposan and Moquelumnian Stocks, etc.—California.  
Skulls and skeletons from graves of tribes of Mariposan Stock—California.
- Collected by Dr. Merton L. Miller:  
Ethnological specimens from the tribes of the Shahaptian Stock—Columbia River Basin.  
Skulls and skeletons from tribes of the Shahaptian Stock—Columbia River Basin.
- Collected by Dr. C. F. Newcombe:  
Skulls and skeletons of Haida Indians—Queen Charlotte Island, B. C.  
Haida totem poles and general ethnological objects—British Columbia.
- Collected by Chas. L. Owen:  
Ethnological specimens from the Apache and Navajo Indians—Arizona.
- Collected by S. C. Simms:  
Ethnological specimens from the Yuma, Walapai, Mojave, Pima-Papago, Yuma-Apache—New Mexico, Arizona and California.
- Collected by Dr. W. A. Phillips:  
Quarry and shop site refuse, rejects, etc.—Near Cobden, Union County, Ill.

Quarry and shop site refuse, rejects, etc.—Cobden, Ill., and Hot Springs, Ark.

Skulls and skeletons from prehistoric mounds—Union County, Ill.

Purchases

Wampum belts, coppers, objects of stone, etc.—Various localities.

Buckskin dresses, hair ornaments—Klamath Reservation.

Papuan skulls.

Chinese skull.

Snoyx skull.

Buffalo charm stone—Blood Reservation, Alberta.

Otter skin medicine bag—Winnebago Indians.

Ethnological specimens from Alaska.

Zuni shields of the Priesthood of the Bow.

Buffalo head dresses.

Ceremonial wheel.

Strings of Wampum necklace of bones of eagle wing.

Rattle, belt and hair ornaments of Winnebago Indians.

Winnebago wood bowl and ladle—Black River Falls, Wis.

Winnebago ethnological specimens—Wisconsin.

Winnebago double-headed drum, with supports.

Set of Lacandon bows and arrows—Mexico.

Purchased by Edward E. Aver for the Museum:

Small glass bottle, relief animal figures, bronze buckle, fibulars, finger

FIELD, MARSHALL & Co., Chicago.

Pomo Indian baskets—California (exchange).

FIELD, STANLEY, Chicago.

Sac and Fox pipe—Tama, Iowa.

FREE MUSEUM OF SCIENCE AND ART, Philadelphia, Pa.

Sets games (exchange).

Skeletons—Vancouver Island (exchange).

GORE, J. H., Columbia University, Washington, D. C.

Wedish costumes consisting of six pieces.

HAWAIIAN COMMISSION TO THE PARIS EXPOSITION, 1900.

Mats, adzes, clubs, etc.—Hawaiian Islands.

HUCKLE, I. F., Kansas City, Mo.

Flat Head skulls—Oregon.

Cliff dweller skull—Utah.

IRWIN, A., Kamloops, B. C.

Indian games—Kamloops, B. C. (exchange).

KEAM, T. V., Keams Canon, Arizona.

Navajo games—Keams Canon, Arizona (exchange).

KERBER, DR. H. C., Chicago.

Stone axes and celts, arrow and spear heads, and labret-like objects of soap stone—Tennessee.

LAMPSON, MISS L. M., Nambe, N. M.

Sets gambling games—Nambe Pueblo, N. M.

LUKENS, DR. CHAS. E., Laguna, N. M.

Sets cups and ball games—Laguna Pueblo, N. M. (exchange).

Sets stave games—Laguna Pueblo, N. M. (exchange).

McCORMICK, STANLEY, Chicago.

Ancient pottery, bone and stone objects from ancient Hopi and Zuni ruins—Arizona and New Mexico.

Skulls and skeletons from prehistoric ruins of Walpi—Arizona.

McKIN, JOHN J., Fort Mojave, Ariz.

Sets Indian games—Mojave Indians (exchange).

McNICHOLS, C. S., Parker, Ariz.

Sets stave games, Mojave Indians—Colorado River Agency (exchange).

- MINOR, EDWIN, San Jacinto, Cal.  
 Stave game—San Jacinto, Cal. (exchange).  
 Hand game—San Jacinto, Cal. (exchange).
- MITCHELL, J. A.  
 Cree games—Muskowpetung Agency (exchange).
- NEWCOMBE, DR. C. F., Victoria, B. C.  
 Accessories of Kwakiutl group, games, etc.—North end Vancouver Island (exchange).
- PATTERSON, E. L., White River, Ariz.  
 Javelin and ring game, White Mountain Apache (exchange).  
 Sets stave games, White Mountain Apache (exchange).
- PORTER, DR. R. S., 304 Warren avenue, Chicago.  
 Ethnological objects from the Moros of Mindanao Island, P. I. (loan).
- RODDY, THOS. R., Chicago.  
 Winnebago bowl and dice game—Black River Falls, Wis. (exchange).  
 Winnebago cups and pin game—Black River Falls, Wis. (exchange).
- SAYRE, ANNIE M., Jemes, N. M.  
 Set four-paper tubes for guessing game—Zia Pueblo.
- SIBBALD, W., Union Lake, Saskatchewan.  
 Set cups and pin game, Cree (exchange).
- SMITH, THOS. B., Truro, Nova Scotia.  
 Dice game (1 bowl, 4 dice, 55 counters), Micmac—Truro, B. C. (exchange).
- SPINK, R. C., Klamath Agency, Ore.  
 Sets of games, Klamath and Modoc (exchange).
- ARCHÆOLOGICAL MUSEUM, Toronto, Canada.  
 Huron crania (exchange).
- TURNER, PHILLIP, Coxby, Saskatchewan.  
 Cree Indian games—Saskatchewan (exchange).
- UNITED STATES NATIONAL MUSEUM, Washington, D. C.  
 Buffalo shields, Plains Indians (exchange).
- WATKINS, MARY C. B., Mesa Grande, Cal.  
 Sets of games (exchange).

## DEPARTMENT OF BOTANY.

(ACCESSIONS ARE BY GIFT UNLESS OTHERWISE DESIGNATED.)

- AMERICAN CEREAL CO., Chicago.  
 13 specimens corn food products.
- ARMSTRONG, BROS. & CO., Pittsburgh, Pa.  
 16 specimens showing utilization of cork.
- BALL, CARLTON R., Washington, D. C.  
 247 herbarium specimens—Louisiana (exchange).
- BEAN, T. H., Washington, D. C.  
 2 plaques (4 specimens) yucca products.  
 1 box (50 specimens) small specimens Japanese woods.  
 1 box (62 specimens) dry fruits.
- BEBB, ROBERT, Washington Heights, Chicago.  
 62 herbarium specimens—Clearwater, Fla.  
 13 herbarium specimens—Clearwater, Fla.  
 84 herbarium specimens—Illinois and Indiana.
- BIDWELL, J. E., Chicago.  
 7 samples of standardized corn.
- BLODGETT, F. H., Chicago.  
 2 specimens of pop corn.
- BOTANIC GARDENS, Grenada, British West Indies.  
 Seeds of *Sapindus inæqualis*—Grenada.  
 Gum from the trunk of *Dachyrodex hexandra*—Grenada.

- BROWN, J. C., New York Produce Exchange, N. Y.  
3 samples New York Produce Exchange standards of corn, 1901.
- CABOT, SAMUEL, 70 Kilby street, Boston, Mass.  
1 bale of raw material "*Zostera marina*."  
1 sheet of asbestos "Quilt."  
1 sheet of single-ply "Quilt."  
1 sheet of double-ply "Quilt."
- CHASE, MRS. AGNES, 5515 Monroe avenue, Chicago.  
4 herbarium specimens—Illinois.  
1 specimen fruits of *Crataegus*—Illinois.  
11 various fresh fruits—Illinois.  
3 fruits of *Crataegus*—Illinois.  
7 fruits of *Crataegus*—Illinois.  
8 packages of fruits of *Crataegus*—Illinois.  
169 herbarium specimens—Indiana, Illinois and Oregon (exchange).
- CHASE, V. H., Chicago.  
354 herbarium specimens—Illinois (exchange).
- CUBAN COMMISSION TO THE PARIS EXPOSITION, 1900.  
42 wood specimens—Cuba.
- DEAM, CHARLES C., Bluffton, Ind.  
2 type specimens plants—Mexico.  
126 herbarium specimens—Mexico (exchange).
- DERR, H. B., Chicago.  
35 specimens ferns—Kingston, Jamaica.
- DISTRICT OF COLUMBIA PAPER MAN'G CO., Washington, D. C.  
5 specimens showing the manufacture of blotting paper from cotton cloth.
- DORSEY, GEO. A., Field Columbian Museum.  
6 ears of corn from Ancon, Peru.
- DUNHAM MAN'G CO., 373 Pearl street, New York City.  
1 specimen of shredded cocoanut—Cuba.
- EMRICK, DR. G. M., 5700 Kimbark avenue, Chicago.  
229 herbarium specimens—Michoacan, Mexico.  
14 specimens dry fruits—Michoacan, Mexico.  
7 specimens formaline fruits—Michoacan, Mexico.
- FARWELL, O. A., Detroit, Mich.  
4 specimens *Euphorbia*—Detroit, Mich.
- FIELD COLUMBIAN MUSEUM.  
Collected by Geo. A. Dorsey:  
1 bottle of cruciferous seeds—Pyramid Lake, Nev.  
1 wooden bowl used by Osage Indians—Oklahoma.  
1 wooden spoon used by Osage Indians—Oklahoma.  
1 specimen dried vegetable food—Oklahoma.  
Collected by O. C. Farrington:  
1 herbarium specimen—Marengo, Ind.  
Collected by O. E. Lansing, Jr.:  
54 herbarium specimens—Illinois and Indiana.  
Collected by C. F. Millspaugh:  
417 herbarium specimens—Jamaica.  
4 specimens fruits and seeds—Jamaica.  
1 pkg. seeds of *Gleditsia triacanthos*—Cambridge, Mass.  
Collected by C. F. Millspaugh:  
4 plates of species (cactus).  
9 herbarium specimens—Jamaica.  
3 sheets drawings and tracings.  
19 parts of herbarium specimens.  
Purchases:  
86 herbarium specimens—Lower California.  
407 herbarium specimens—Island St. Croix, Danish West Indies.  
194 herbarium specimens—Mexico and Texas.

- 630 herbarium specimens—Alabama, Mississippi, Florida and Louisiana.  
 537 herbarium specimens—Florida.  
 11 herbarium specimens—California.  
 136 herbarium specimens—Oregon.  
 369 herbarium specimens—Mexico.  
 1 specimen oil of tobacco.  
 1 specimen nicotine.  
 1 specimen poppy seed oil.  
 1 specimen extract cannabis.  
 1 specimen morphia.  
 1 specimen apomorpha.  
 1 specimen crude opium.  
 1 specimen hemp seed.
- GAUMER, DR. GEORGE F., Izamal, Yucatan.  
 2 herbarium specimens—Izamal.
- GRAY HERBARIUM, Cambridge, Mass.  
 128 herbarium specimens—Various localities (exchange).
- HAWAIIAN COMMISSION TO THE PARIS EXPOSITION, 1900.  
 2 grass skirts—Hawaii.  
 1 cloth—Hawaii.
- HELLER & MERZ CO., 22 Cliff street, New York City.  
 1 book of paper color samples.
- HOPE BOTANICAL GARDENS, Jamaica, West Indies.  
 104 herbarium specimens—Jamaica (exchange).
- HUMPHREY, H. M., New York City.  
 9 samples of standard coffee—New York Coffee Exchange, 1901.
- HUTCHINSON, FLORENCE CÉLESTE, 3142 Indiana avenue, Chicago.  
 187 herbarium specimens—Indiana, Illinois, New York and Wisconsin.
- HUYLER & CO., Eighteenth street and Irving place, New York City.  
 12 specimens cacao pod, beans and products—Caracas, Venezuela.
- INDIA REFINING CO., Philadelphia, Pa.  
 6 economic specimens cocoanut oil products.
- IOWA STATE UNIVERSITY, Iowa City, Iowa.  
 560 herbarium specimens—Various localities (exchange).  
 159 herbarium specimens (mosses in packets)—Various localities (exchange).  
 4 specimens mosses, 1 specimen glumaceous corn—Various localities (exchange).
- KENIGL HOF. MUSEUM, Berlin, Germany.  
 88 herbarium specimens—Various localities (exchange).
- THE MARSDEN CO., Philadelphia, Pa.  
 5 specimens corn pith cellulose objects.
- MCDONALD, FRANK E., Peoria, Ill.  
 14 herbarium specimens—Peoria, Ill.
- MILLSPAUGH, C. F., Field Columbian Museum.  
 1 specimen fruits of *Ampelopsis quinquefolia*.  
 3 cigars wrapped in lace bark—Holland.  
 2 type specimens mosses—West Virginia.  
 7 type specimens of flowering plants—West Virginia.  
 1 pound seeds of Sorghum Halepense.  
 1 specimen Cocos mucifera L. milk.  
 1 specimen Cocos mucifera L. copra.  
 1 cork cane—Portugal.  
 1 quart sweet corn, Vaughan's "Metropolitan."  
 1 aloe strop—Jamaica.  
 1 box dried bananas—Jamaica.  
 1 quart peach pits—Michigan.  
 2 packages of cigarettes—Porto Rico.  
 1 package of grain-o.  
 1 package postum cereal.  
 1 package caramel cereal.

- MORGAN, GEORGE H., Merchants' Exchange, St. Louis, Mo.  
6 samples Missouri standards of corn.
- MORRIS, E. L., Washington, D. C.  
2 herbarium specimens—Maryland.
- NATAL BOTANICAL GARDENS, Berea, Durban, Natal.  
113 herbarium specimens—Various localities (exchange).  
101 herbarium specimens—South Africa (exchange).
- NEW JERSEY RUBBER CO., Lambertville, N. J.  
9 specimens of rubber shoddy.
- NONPAREIL CORK MAN'G CO., Bridgeport, Conn.  
20 specimens of compressed cork products.
- OHIO AGRICULTURAL EXPERIMENT STATION, Wooster, Ohio.  
10 specimens willows—Ohio.
- ORCUTT, C. R., San Diego, Cal.  
33 herbarium specimens—Arizona, Mexico, California and Texas.
- PARKE, DAVIS & CO., Detroit, Mich.  
66 packages of pressed herbs—Various localities.
- PHILADELPHIA MUSEUM, Philadelphia, Pa.  
17 specimens of Maté (*Ilex Paraguayensis*)—Brazil (exchange).
- PRODGER, F. H., Duluth, Minn.  
3 samples Minnesota standard corn.
- THE PRATT CEREAL MILL CO., Decatur, Ill.  
13 specimens corn flour.
- RICE, WALLACE, 6324 Ingleside avenue, Chicago.  
1 specimen *Physalis Virginiana* Mill (ground cherry).
- RICKSECKER, A. E., Wilton Junction, Iowa.  
7 herbarium specimens—St. Croix, Danish West Indies.  
2 herbarium specimens—St. Croix, Danish West Indies.
- RIPLEY, WILLIAM, 36 La Salle street, Chicago.  
1 cedar shingle from ancient buried log—State of Washington.
- THE SANITAS NUT FOOD CO., Battle Creek, Mich.  
1 jar melrose, 1 jar malted nuts, 1 can nuttolene, 1 can protose, 1 can nut butter.
- SCRIBNER, F. LAMSON, Washington, D. C.  
4 packages of seeds—Various localities.
- SPENCER, MARY F., Munich, Bavaria, Germany.  
505 herbarium specimens—Europe (exchange).
- SFRAGUE, WARNER & CO., Chicago.  
6 samples coffees.
- STANDARD OIL CO., Oswego, N. Y.  
1 economic specimen boxwood sawdust.
- STELLER, LOUIS, San Francisco, Cal.  
5 samples standard corn—California.
- THE THOMPSON NORRIS CO., Brooklyn, N. Y.  
9 specimens packing paper and "Cortexa."
- TRACY, S. M., Biloxi, Miss.  
18 herbarium specimens—Florida.
- TRUDE, A. P., 1060 Drexel boulevard, Chicago.  
1 economic specimen—Japan.
- UMBACH, L. M., Naperville, Ill.  
539 herbarium specimens—Various localities (exchange).  
185 herbarium specimens—Various localities (exchange).  
152 herbarium specimens—Various localities (exchange).
- UNITED STATES DEPARTMENT OF AGRICULTURE, Washington, D. C.  
3 packets seeds—Various localities
- UNITED STATES NATIONAL MUSEUM, Washington, D. C.  
10 herbarium specimens—Various localities (exchange).

- VOTH, H. R., Oraibi, Ariz.  
86 herbarium specimens—Arizona.
- WRIGHT, FRED B., Oberlin, Ohio.  
52 herbarium specimens—Turkestan.
- YOUNG AND SMYLYE, Brooklyn, N. Y.  
20 specimens licorice root and products.  
1 specimen Greek mass licorice.  
1 specimen Spanish mass licorice.

## DEPARTMENT OF GEOLOGY.

(ACCESSIONS ARE BY GIFT UNLESS OTHERWISE DESIGNATED.)

- ATCHISON, TOPEKA & SANTA FE R. R., Chicago.  
9 specimens ores and minerals.
- BALLOU, O. B., 103 Lake street, Chicago.  
1 specimen Limonite pseudo-morph after Marcasite—Winnebago Valley, Minn.
- CHALMERS, W. J., 188 Lincoln Park boulevard, Chicago.  
Collection of United States crystals, containing 170 specimens.
- CHUMASERO, MRS. E. C., 5745 Rosalie court, Chicago.  
20 specimens minerals and ores—Chiefly from Colorado and California.
- EWING, HENRY P., Truxton, Ariz.  
2 specimens Carboniferous fossils—Supar Cañon Trail, Arizona.
- FARGO, DR. JOHN F., Los Angeles, Cal.  
3 specimens fossil wood, partially opalized and partially converted into lignite—California.  
1 specimen gold—Rebate Mine, Washington (exchange). \*
- FARRINGTON, O. C., Chicago.  
42 specimens minerals (loan.)  
8 specimens rocks (loan.)
- FIELD COLUMBIAN MUSEUM.  
Collected by Geo. A. Dorsey:  
6 specimens iron, copper, lead ores and chalcedony geodes—Whalen Cañon, Wyoming.
- Collected by O. C. Farrington:  
4 specimens concretions, 2 specimens glaciated pebbles, 2 specimens Acervularia—Indiana Mineral Springs.  
1 specimen quartzite from drift—Tyrone, N. Y.
- Collected by Louis V. Kenkel:  
8 specimens, series of bricks illustrating erosion by wave action—Shore of Lake Michigan, Chicago.
- Collected by W. N. Logan, Beloit, Kan.:  
160 specimens invertebrate fossils from the Cretaceous beds of Kansas.
- Collected by H. W. Nichols:  
170 specimens zinc and lead ores and metallurgical products, 12 specimens minerals—Southern United States.  
4 specimens Calcite crystals, 1 specimen Pyrite—Doe Run Shaft, Flat River, Mo.
- Collected by E. S. Riggs and H. W. Menke:  
7 tons Dinosaur bones in matrix, all belonging to one individual; 4 specimens fossil insects—Grand River Valley, Colorado.
- Collected by A. W. Slocum:  
1 specimen rain prints on indurated clay—Drainage Canal, Chicago.
- Purchases:  
180 grams Rancho de la Pila meteorite.  
3 specimens Celestite—Morrill, Kan.  
1 specimen Beryl crystal—Mt. Mica, Me.  
1 fossil skull and antlers of elk.  
310 grams Björbole meteorite.  
1 specimen Calcite.  
1 specimen Silver.

- 12 specimens sand Calcite crystals—Devil Hill, S. D.  
 180 grams Nejed meteorite.  
 1 lot mastodon bones, lower jaw, vertebrae, ribs and limb bones.
- GAITHER, W. G., 143 Seventy-fifth Place, Chicago.  
 1 specimen copper ore—San Andreas Mountains, New Mexico.
- GUNASEKARA, U. D. S. & CO., Colombo, Ceylon.  
 4 specimens Graphite—Ceylon.
- HEIKES, VICTOR C., Boulder, Col.  
 6 specimens silver-lead ore, 3 specimens minerals—Western United States.  
 38 specimens minerals and fossils—Germany.  
 1 specimen mica—Yuma, Ariz.
- HEWETT, E. L., Las Vegas, N. M.  
 6 specimens Dolomite pseudomorph after Hanksite—Las Vegas, N. M.
- HUTTON, B. O., St. Louis, Mo.  
 1 specimen Gouverneur marble—New York (exchange).  
 1 specimen Isle la Motte marble—Vermont (exchange).
- IRVIN, MRS. CHAS. H., Boise, Idaho.  
 1 specimen gold-bearing river sand—Snake River, Idaho.
- KLING, C. L., 355 Milwaukee avenue, Chicago.  
 43 specimens of Garnet and Quartz and abrasive papers made from them.
- KNIGHT, PROF. W. C., Laramie, Wyo.  
 1 specimen Covellite—Medicine Bow Mountains, Wyo.  
 1 lot Epsomite crystals—Sweetwater Valley, Wyo.  
 1 specimen Allanite—Wyoming.
- KONIGI, NATURALIEN CABINET, Stuttgart, Germany.  
 1 specimen Quartz twin—Japan (exchange).
- LAWRENCE, PHILIP E., Evanston, Ill.  
 1 specimen Orpiment—Mercer, Utah (exchange).
- LUMBERMEN'S CREDIT ASSOCIATION, 911 Tacoma Building, Chicago.  
 1 specimen asbestos—Eden Mills, Ver.
- MANLEY, JOHN A., New Brunswick, N. J.  
 18 specimens minerals—New Jersey (exchange).
- McCLEARY, W. B., Helvetia, Ariz.  
 5 specimens Molybdate—Arizona.  
 3 specimens Molybdenite—Arizona.
- MEARS, DR. A. J., 175 Dearborn street, Chicago.  
 1 specimen iridescent Chalcopyrite—Grand Encampment, Wyo.
- MELLIS, F. K., Baker City, Ore.  
 1 specimen Opal in matrix—Baker County, Ore.
- MOULTON, MRS. J. T., 1 Groveland Park, Chicago.  
 140 specimens minerals, ores and fossils.
- NEWARK TECHNICAL SCHOOL, Newark, N. J.  
 6 specimens minerals—New Jersey and New England (exchange).
- PARIS EXPOSITION, 1900.  
 979 specimens ores and minerals.  
 2 framed series of photographs of United States geologists (loan).  
 4 framed photographs of mining camps and scenes (loan).
- PATTERSON, W. R., 5730 Monroe avenue, Chicago.  
 5 large slabs glaciated limestone—Chicago Drainage Canal.
- PIEDRIT, W., Warsaw, Ill.  
 20 specimens geodes—Warsaw, Ill. (exchange).
- POOLE, J. O., Ellenville, N. Y.  
 5 specimens crystallized Quartz—New York.  
 2 specimens zinc and lead ores—New York.
- REEVES, J. A., Joplin, Mo.  
 1 specimen twin crystal of Calcite—Joplin, Mo.







THE UNIVERSITY OF CALIFORNIA LIBRARY

- RIO GRANDE & WESTERN R. R., Bedford Building, Chicago.  
5 specimens silver and copper ores—Utah and Washington.
- SABANEV, D. D., St. Petersburg, Russia.  
2 specimens mercury ore—Nikitowka, Russia.
- SCOTT, GEORGE S., 737 Monadnock Building, Chicago.  
1 specimen iridescent Sphalerite—Joplin, Mo. (exchange).  
1 specimen Amalgam and Cinnabar—Austria (exchange).  
1 specimen Limonite—Australia (exchange).  
1 specimen Vanadinite—New Mexico (exchange).  
1 specimen Epistilbite (exchange).
- SHEDD, JOHN G., 200 Adams Street, Chicago.  
1 specimen Garnets in schist—Fort Wrangel, Alaska.
- SLOCOM, A. W., Chicago.  
511 specimens Pleistocene fossil mollusk shells—Milwaukee County, Wis.
- SMITH, W. ORLANDO, 403 W. Sixty-fifth Street, Chicago.  
1 Septarium—Henry, Ill.
- SOMMERS, J. B., Yerington, Nev.  
1 specimen Cuprite coated with Malachite—Yerington, Nev.
- STANTON, JOHN, Kearsarge, Mich.  
11 specimens Mohawkite—Kearsarge, Mich.
- STILLWELL, L. W., Deadwood, S. D.  
8 specimens cave formations—Crystal Cave, S. D. (exchange).
- TRUDE, A. P., 4060 Drexel boulevard, Chicago.  
20 specimens minerals and ores—Montana and Wyoming.
- ULLRICH, G. W., Debeque, Mesa County, Colo.  
1 fossil garfish, *Clastes*—Colorado.
- WAITE, RICHARD, JR., Seattle, Wash.  
1 specimen gold ore—Alaska.
- WEBER, DR. F. C., 126 Noble avenue, Chicago.  
5 specimens Sapphires and Garnets—Georgia and Montana.  
4 specimens Pandermite—California.  
2 specimens products of borax.  
1 specimen "electrite."  
1 specimen artificial corundum.  
3 specimens rocks accompanying Sapphire—Montana.  
2 specimens ferrobor and ferro titan.  
1 specimen Stibnite—Arkansas.  
1 specimen Hydroboracite with Gypsum—Asia Minor.
- WOLFORD, J. A., Chicago.  
1 specimen Garnets in schist—Alaska.

## DEPARTMENT OF ORNITHOLOGY.

(ACCESSIONS ARE BY GIFT UNLESS OTHERWISE DESIGNATED.)

## FIELD COLUMBIAN MUSEUM.

## Purchases :

- 2 California vultures.  
1 egg of California condor.

## KENKEL, L. V., Chicago.

Nest and two eggs of American robin—Trout Creek, Ontario, Canada.

## OLSMITH, FRANK, Guthrie, Oklahoma.

1 partly Albino quail—Oklahoma.

## DEPARTMENT OF ZOOLOGY.

(ACCESSIONS ARE BY GIFT UNLESS OTHERWISE DESIGNATED.)

## AKELEY, CARL E., Field Columbian Museum.

1 mink—Park siding, Iron Co., Mich.

ALBERTYS, J. D., Strand Veld, Cape Agulhas, South Africa.  
2 Bontebok antelope—South Africa.

BLAKE, L. L., Reed, Wis.  
1 lizard—Wisconsin.

BRAVERMAN, M., Visalia, Cal.  
Skull and part of vertebra of rattlesnake.

CHOPE, EDWARD B., Field Columbian Museum.  
1 snake—Russell, Ala.  
1 lizard—Russell, Ala.

CHUMASERO, MRS. E. C., 5745 Rosalie Court, Chicago.  
3 pieces coral.  
1 horned toad.  
1 tarantula.  
1 centipede.  
1 hair ball (from cow's stomach).

CORY, CHAS. B., Boston, Mass.  
1 wildcat—Huachuoa Plains, Ariz.  
Skin and skeleton of manatee—Tampa, Fla.  
Skin of young manatee—Tampa, Fla.  
1 wildcat.

CUBAN COMMISSION TO THE PARIS EXPOSITION, 1900.  
21 specimens sponges.  
3 specimens shells.  
1 specimen sea plants (corals).

#### FIELD COLUMBIAN MUSEUM.

Collected by O. C. Farrington:  
5 crayfishes—Horse Cave, Ky.  
3 blind fishes—Horse Cave, Ky.  
1 cave cricket—Little Wyandotte Cave, Ind.  
10 salamanders (8 young)—Wyandotte Cave, Ind.

Collected by E. Heller:

5 lizards, 1 turtle, 4 snakes—Nicasio, Cal.  
53 rodents and carnivores—California.  
58 rodents and carnivores—California.  
7 rats, 3 shrews, 11 field mice, 12 voles, 2 chipmunks, 7 skunks, 6 gophers,  
2 spermophiles, 2 squirrels, 2 rabbits—California.

Collected by F. E. Lutz:

160 specimens rats, mice, gophers, bats and rabbits—Mexico.  
184 bats—Mexico.  
2 rats—Mexico.  
2 rabbits—Mexico.  
2 woodchucks—Mexico.  
326 insects and bugs—Mexico.  
345 insects—Mexico.

Collected by S. E. Meek:

260 specimens fishes (21 species)—Sault Sainte Marie and Lizard Islands.  
75 specimens crayfishes—Sault Sainte Marie and Lizard Islands.  
300 specimens lizards, 75 specimens snakes, 100 specimens frogs, 50 spec-  
imens salamanders, 5,000 specimens fishes, 100 specimens crayfishes,  
100 specimens shells—Mexico.

Collected by C. L. Owen:

31 specimens insects—Navajo County, Ariz.

Collected by E. S. Riggs and H. W. Menke:

4 snakes (3 species)—Colorado.  
3 horned toads—Colorado.  
14 lizards (7 species)—Colorado.  
1 bat, 3 field mice, 34 lizards, 4 snakes, 1 frog, 6 fishes—Near Grand  
Junction, Colorado.

Collected by Thaddeus Surber:

3 coons, 3 squirrels, 1 weasel, 11 moles, 18 mice—West Virginia.

- 1 raccoon, 1 opossum, 5 squirrels, 4 moles, 1 flying squirrel, 39 mice, 26 rats—Carolina, Georgia and Florida.  
 52 specimens rodents and insectivores, rats, mice, moles, etc.—Florida.  
 1 skeleton Allen's muskrat—Florida.  
 275 specimens fishes (6 species)—Florida.  
 1 rabbit, 1 squirrel, 1 opossum, 24 mice, 6 rats, 12 gophers—Florida.

## Purchases :

- 4 weasels—Minnesota and British Columbia.  
 2 weasels, 1 rabbit, 1 muskrat, 1 wolf, 1 badger, 2 foxes—North West Territory.  
 3 wildcats—Aberdeenshire, Scotland.  
 1 water buck, 1 lion, 1 zebra, 3 roan antelopes, 2 "Sassaby" antelopes, 1 reed buck—South Africa.  
 2 elk skins (cow and heifer), 1 pair horns—Olympic Mountains, Wash.  
 4 squirrels, 5 chipmunks, 7 shrews, 2 moles, 1 hare, 3 rats, 4 gophers, 2 mice, 1 wildcat—New York, California, British Columbia and Texas.  
 1 mink—Manitoba.  
 1 bear skull, 5 timber wolf skulls, 2 prairie wolf skulls.  
 2 puku, 2 bushbucks, 1 Chanler's antelope, 1 clipspringer, 1 Thomson's gazelle, 2 Harggard's oribi, 1 Jackson's hartebeeste, 1 gemsbok, 1 serow, 1 springbok—Africa and India.  
 1 wolf, 1 fox, 4 rabbits, 1 mountain lion skull—Northwest Territory.  
 3 wolves, 3 bears, 1 beaver—Kenai Peninsula, Alaska.  
 2 mountain beavers, 2 chipmunks, 2 squirrels, 2 moles, 2 jumping mice, 2 gophers, 2 rats—California.  
 1 mountain lion and skull—Montana.  
 1 timber wolf, 3 timber wolf cubs, 4 flying squirrels—Alberta, Northwest Territory.  
 2 chipmunks—Nicasio, Cal.  
 1 mountain lion, 1 woodchuck, 1 mink—British Columbia.  
 1 Duiker antelope—Polapye, Cape Colony, Africa.  
 21 monkeys, 76 squirrels, 1 flying squirrel, 36 bats, 15 wildcats, 3 rats.  
 6 antelopes.  
 5 monkeys.  
 1 sea elephant.

GILBERT, R. W., 3627 Grand boulevard, Chicago.  
 1,247 beetles—Cook County, Ill.

JONES, A. B., 1225 Hinman avenue, Evanston.  
 1 skin and skeleton of collie dog.

KANE, M., Oakwoods Cemetery, Chicago.  
 8 moles—Oakwoods Cemetery, Chicago.  
 2 muskrats, 1 mole—Oakwoods Cemetery, Chicago.

KENNEDY, VERNON SHAW AND FRED STEVENSON.  
 9 deer, 2 wolves, 1 wildcat—Texas.  
 3 Mexican deer.  
 2 Mexican peccaries.

KNEELAND, MRS. L. D., Milwaukee, Wis.  
 6 specimens corals.

LINCOLN PARK COMMISSIONERS, Chicago.  
 1 camel.  
 1 striped hyena.  
 1 mountain sheep.  
 1 Virginia deer skeleton.  
 1 mountain sheep skeleton.  
 1 kinkajou skeleton.  
 1 camel skin and skeleton.

LORENZ, F. A., 5733 Kimbark avenue, Chicago.  
 1 wasp's nest—Pennsylvania.

LUTZ, F. E., Chicago.  
 4 mice—Jackson Park, Chicago.

RIDGWAY, A. W., Chicago.  
 1 rat—Chicago.

- ROSENBERG, ALBERT, Kalamazoo, Mich.  
3 specimens brook trout—Kalamazoo, Mich.
- ROTHROCK, H. A., Wyandotte, Ind.  
41 bats—Wyandotte Cave, Ind.
- RUBEN, HARRY, 5333 Lake avenue, Chicago.  
1 salamander—Jackson Park, Chicago.
- SCLATER, W. L., Cape Town, South Africa.  
1 Blessbok antelope, *Domaliscus albifrons*—Orange Free State.
- STANGL, PAUL L., Bacoor, P. I.  
213 insects, 1 lizard—Bacoor, P. I.  
267 insects, 4 wasp nests—Bacoor, P. I.
- SWIFT, L. R., 7658 Coles avenue, Chicago.  
1 salamander—Chicago.
- TOMPSON, A. J., Field Columbian Museum.  
1 salamander—Jackson Park, Chicago.
- UNITED STATES COMMISSION TO THE PARIS EXPOSITION 1900.  
Collection of Holland fishes comprising 28 specimens.
- UNITED STATES FISH COMMISSION, Washington, D. C.  
432 specimens (158 species) Porto Rican fishes.
- WELLES, GEO. P., 27 Waverly place, Chicago.  
291 specimens foreign beetles.  
6,000 specimens (1,500 species) North American beetles.
- WILLARD, F. C., Tombstone, Arizona.  
41 specimens butterflies and moths—Tombstone, Ariz.  
8 snakes, 28 lizards, 3 tree toads, 1 centipede—Tombstone, Ariz.
- WILLIAMS, HORACE, Sao Paulo, Brazil.  
120 specimens (40 species) fishes—Southeastern Brazil.

## SECTION OF PHOTOGRAPHY.

(ACCESSIONS ARE BY GIFT UNLESS OTHERWISE DESIGNATED.)

## FIELD COLUMBIAN MUSEUM.

- Made by C. H. Carpenter:  
1,200 negatives, Stanley McCormick expedition to Arizona, 1901.
- Made by Geo. A. Dorsey:  
60 negatives, Oklahoma Indians, scenery, etc.
- Made by J. W. Hudson:  
408 negatives, California expedition, 1901.
- Made by S. E. Meek:  
71 negatives, Mexican expedition, 1901.
- Made by H. W. Menke:  
60 negatives, field views of fossil expedition to Colorado.
- Made by M. L. Miller:  
72 negatives, expedition among the Shahaptian Stock.
- Made by C. F. Millspaugh:  
142 negatives, Jamaica expedition.
- Made by C. L. Owen:  
136 negatives, Stanley McCormick expedition to Arizona, 1901.
- Made by S. C. Simms:  
84 negatives, expedition among the Indians of New Mexico, Arizona and California.
- Purchases:  
17 lantern slides of Jamaica scenery.
- MILLSPAUGH, C. F., Chicago.  
8 negatives of Jamaica scenery.
- WALKER, J. W., Boston, Mass.  
1 negative of Jamaica scenery.

## SPECIAL ACCESSIONS.

(ACCESSIONS ARE BY GIFT UNLESS OTHERWISE DESIGNATED.)

CURTIS, WILLIAM E., Washington, D. C.

7 mummy eyes—Arica, Peru.

FIELD COLUMBIAN MUSEUM.

Purchases:

2 reproductions of gold disc brooches.

1 gold chain.

8 gold ear ornaments.

3 rings.

7 fragments gold ornaments.

3 gold chains.

1 flat gold pendant.

7 pairs gold earrings.

1 locket-shaped gold pendant.

3 small fragments of gold ornaments.

19 rings.

HIGINBOTHAM, H. N., Chicago.

1 opalized bone.

4 opalized shells.

1 opalized stone.

## DEPARTMENT OF TRANSPORTATION.

(ACCESSIONS ARE BY GIFT UNLESS OTHERWISE DESIGNATED.)

AMERICAN BICYCLE CO., Chicago.

7 ordinary bicycles, various models.

2 two-wheel velocipedes.

1 Drasine bicycle.

1 League chainless bicycle.

1 Columbia bevel-gear chainless bicycle.

1 Columbia two-track tricycle.

2 Columbia ladies' safety bicycle.

1 wire frame bicycle.

1 Columbia gentlemen's safety.

1 crypto-gearred ordinary bicycle.

AYER, EDWARD E., Chicago.

1 bill of lading (La Glede historical paper).

## THE LIBRARY.

(ACCESSIONS ARE BY EXCHANGE UNLESS OTHERWISE DESIGNATED.)

*Books, Pamphlets and Serials.*

ALABAMA AGRICULTURAL EXPERIMENT STATION, Auburn, Ala.

Bulletins, current nos. (gift).

AMBROSETTI, JUAN B. (the author), Buenos Aires, Argentina.

Notas de Arqueologia Calchaqui.

4 pamphlets.

AMERICAN ANTIQUARIAN SOCIETY, Worcester, Mass.

Proceedings, current nos.

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE,

New York, N. Y.

Proceedings, vol. 49.

AMERICAN BUREAU OF GEOGRAPHY, Winona, Minn.

Bulletin, current nos.

AMERICAN FOLK-LORE SOCIETY, Cambridge, Mass.

Journal of American folk-lore, current nos.

- AMERICAN FORESTRY ASSOCIATION, Washington, D. C.  
The Forester, current nos.
- AMERICAN GEOGRAPHICAL SOCIETY, New York City.  
Bulletin, current nos.
- AMERICAN INSTITUTE OF HOMEOPATHY, New York City.  
Transactions, vol. 56, 1900.
- AMERICAN MICROSCOPICAL SOCIETY, Washington, D. C.  
Journal, current nos.
- AMERICAN MUSEUM OF NATURAL HISTORY, New York City.  
Annual report, 1900.  
Bulletin, vol. 11, pt. 3.  
Bulletin, vol. 13.
- AMERICAN NUMISMATIC AND ARCHEOLOGICAL SOCIETY, New York City.  
Proceedings and papers, 42d meeting.
- AMERICAN ORIENTAL SOCIETY, New Haven, Conn.  
Journal, vol. 21, pt. 2; vol. 22, pt. 1.
- AMERICAN PHILOSOPHICAL SOCIETY, Philadelphia, Pa.  
Proceedings, current nos.
- AMERICAN SOAP JOURNAL PUBLISHING CO., Milwaukee, Wis.  
Journal, current nos. (gift).
- AMHERST COLLEGE, Amherst, Mass.  
Quarterly bulletin, current nos.
- AMSTERDAM ROYAL ACADEMY OF SCIENCES, Amsterdam, Holland.  
Proceedings, section of sciences, vol. 2.  
Verhandeligen, vol. 7, nos. 1-3.  
Zittingsverslagen, vol. 8.  
1 pamphlet.
- AMSTERDAM UNIVERSITEITS BIBLIOTHEEK, Amsterdam, Netherlands  
6 inaugural dissertations.
- ANDOVER THEOLOGICAL SEMINARY, Andover, Mass.  
Annual report, 1900-01.
- ANDREE, RICHARD, Braunschweig, Germany.  
Globus, vols. 78 and 79.
- ANGERS SOCIÉTÉ D'ÉTUDE SCIENTIFIQUES, Angers, Maine-et-Loire  
France  
Bulletin, new ser., vol. 29.
- ANNALES DES MINES, Paris, France.  
Annales, current nos.
- ANTHROPOLOGICAL INSTITUTE OF GREAT BRITAIN AND IRELAND, London, England.  
Journal, current nos.
- APPLETON, D. & Co., New York City.  
Jordan & Kellogg: Animal life (gift).
- ARIZONA UNIVERSITY AGRICULTURAL EXPERIMENT STATION  
Tucson, Ariz.  
Annual report, 11th, 1900.  
Bulletin, current nos. (gift).
- ARKANSAS DEPARTMENT OF STATE, Little Rock, Ark.  
Annual report, 1892, vols. 1, 2 and 5, with atlas.
- ARMOUR INSTITUTE OF TECHNOLOGY, Chicago.  
Year-book, 1900-01.  
3 pamphlets.
- ARTHUR, J. C. (the author), Lafayette, Ind.  
Violet rusts of North America.  
6 reprints.
- ASA GRAY BULLETIN, Tacoma Park, D. C.  
Bulletin, current nos.





HALL 79—ORES OF THE BASE METALS—FIELD COLUMBIAN MUSEUM.



- ASIATIC SOCIETY OF BENGAL, Calcutta, India.  
Journal, current nos.  
Proceedings, current nos.
- ASSOCIATION OF AMERICAN ANATOMISTS, Washington, D. C.  
Proceedings, 14th session.
- AUGSBURG-NATURWISSENSCHAFTLICHER VEREIN FÜR SCHWA-  
BEN AND NEUBURG, Augsburg, Germany.  
Bericht, 1899.
- AUSTRALIAN MUSEUM, Sydney, Australia.  
Annual report, 46th.  
Memoir-, current nos.  
Records, current nos.  
Special catalogue, no. 1.
- AUTOMOBILE REVIEW, Chicago.  
Journal, current nos. (gift).
- BALTIMORE & OHIO RAILROAD CO., Baltimore, Md.  
Book of the Royal Blue, current nos. (gift).
- BARBOUR, E. H. (the author), Lincoln, Neb.  
Wells and windmills in Nebraska.  
19 reprints.
- BARROWS, D. P., Chicago.  
1 monograph.
- BASCOM, FLORENCE (the author), Bryn Mawr, Pa.  
The ancient volcanic rocks of South Mountain, Pa.
- BASEL-NATURFORSCHENDE GESELLSCHAFT, Basel, Switzerland.  
Publications, vols. 1 and 2.
- BEAL, W. J., Agricultural College, Mich.  
1 pamphlet.
- BELOIT COLLEGE, Beloit, Wis.  
Catalogue, 1900-01.
- BERGEN'S MUSEUM, Bergen, Norway.  
Aarbog, 1900, pts. 1 and 2.  
Aarsberetning, 1900.
- BERLIN, A. F. (the author), Allentown, Pa.  
Prehistoric implements (gift).
- BERLIN-GESELLSCHAFT FÜR ERDKUNDE, Berlin, Germany.  
Bibliotheca geographica, vol. 6.  
Verhandlungen, current nos.  
Zeitschrift, current nos.
- BERLIN-KÖNIGLICHE BIBLIOTHEK, Berlin, Germany.  
Jahres verzeichniss der an den deutschen universitäten erscheinenden  
schriften, 1899-1900.
- BERLIN-K. BOTANICAL GARTENS UND MUSEUMS, Berlin, Germany.  
Notizblatt, no. 24.
- BERLIN-KÖNIGLICHE MUSEEN, Berlin, Germany.  
Führer, 1900.  
Veröffentlichungen, vol. 7.
- BERLIN-K. MUSEUM FÜR VOLKERKUNDE, Berlin, Germany.  
Ethnologische notizblatt, current nos.
- BERLIN-K. PREUSSISCHE AKADEMIE DER WIS., Berlin, Germany.  
Sitzungsberichte, current nos.
- BERLIN - NATURWISSEN - SCHAFTLICHE WOCHENSCHRIFT, Berlin,  
Germany.  
Naturwissenschaftliche abhandlungen, heft 28.
- BERLIN-ZOOLOGISCHE SAMMLUNG, Berlin, Germany.  
Berichte, 1900.
- BERLINER GESELLSCHAFT FÜR ANTHROPOLOGIE, Berlin, Germany.  
Zeitschrift für ethnologie, current nos.

- BERN-HOCHSCHUL BIBLIOTHEK, Bern, Switzerland.  
9 inaugural dissertations.
- BERNICE FAUCHI BISHOP MUSEUM, Honolulu, Hawaii.  
Fauna Hawaiensis, vol. 2, pt. 4.  
Memoirs, vol. 1, no. 2.  
Occasional papers, vol. 1, nos. 1 and 2.
- BEYER, GEORGE E. (the author), New Orleans, La.  
1 pamphlet.
- BILLINGS, F. (the author), Munchen, Germany.  
2 pamphlets (gift).
- BIOLLY, P. (the author), San Jose, Costa Rica.  
1 reprint (gift).
- BLACK DIAMOND COMPANY, Chicago.  
Black Diamond, current nos. (gift).
- BOMBAY PRESIDENCY. DEPARTMENT OF LAND RECORDS AND  
AGRICULTURE, Bombay, India.  
Crop experiments report, 1898-99.
- BOSTON. MUSEUM OF FINE ARTS, Boston, Mass.  
Annual report, 25th, 1900.  
Catalogue of Japanese pottery.
- BOSTON PUBLIC LIBRARY, Boston, Mass.  
Annual list of new and important books, 1899-1900.  
Annual report, 49th.  
Monthly bulletin, current nos.
- BOSTON SOCIETY OF NATURAL HISTORY, Boston, Mass.  
Proceedings, current nos.
- BOSTON TRANSIT COMMISSION, Boston, Mass.  
Annual report, 6th, 1900.
- BOURINOT, J. G. (the author), Ottawa, Canada.  
4 reprints.
- BOWDITCH, C. P. (the author), Boston, Mass.  
3 reprints.
- BOWDOIN COLLEGE, Brunswick, Me.  
Maine Library Commission, 1st report, 1900.
- BRIDGEPORT PUBLIC LIBRARY, Bridgeport, Conn.  
Annual report, 20th, 1900.
- BRITISH ASSOCIATION FOR THE ADVANCE OF SCIENCE, London  
England.  
Report, 1900.
- BRITISH COLUMBIA BUREAU OF MINES, Victoria, B. C.  
Annual report, 1900.
- BRITISH COLUMBIA GOVERNMENT PRINTING OFFICE, Victoria, B. C.  
Sessional papers, 1900.  
Statutes of British Columbia, 1897, 1898, 1899, 1900 (gift).
- BRITISH MUSEUM, London, England.  
Hand list of the genera and species of birds, vol. 2.
- BROOKLYN INSTITUTE OF ARTS AND SCIENCES, Brooklyn, N. Y.  
Bulletin, vol. 1, no. 1 (gift).
- BROOKLYN LIBRARY, Brooklyn, N. Y.  
Bulletin, current nos.
- BROWN UNIVERSITY, Providence, R. I.  
Catalogue, 1900-'01.
- BRUNET, L., Paris, France.  
Revue generale des sciences, current nos.
- BRUXELLES. ACADEMIE ROYALE DES SCIENCES, Bruxelles, Belgium  
Annuaire, 1901.  
Bulletin, current nos.

- BRUXELLES. MUSEE ROYAL D'HISTOIRE NATURELLE DE BEL-  
GIQUE, Bruxelles, Belgium.  
Memoires, 1900.
- BRUXELLES. SOCIÉTÉ D'ARCHAÉOLOGIE, Bruxelles, Belgium.  
Annals, current nos.  
Annuaire, vol. 11.
- BRUXELLES. SOCIÉTÉ ROYALE LINNÉENNE, Bruxelles, Belgium.  
Bulletin, current nos.
- BÜCKING, H. (the author), Strassburg, Germany.  
1 reprint.
- BUENOS AIRES. INSTITUTO GEOGRAFICO, Buenos Aires, Argentina.  
Boletin, current nos.
- BUENOS AIRES. MUSEO NACIONAL, Buenos Aires, Argentina.  
Comunicaciones, current nos.
- BUFFALO PUBLIC LIBRARY, Buffalo, N. Y.  
Annual report, 1900.
- BUFFALO SOCIETY OF NATURAL SCIENCES, Buffalo, N. Y.  
Bulletin, vol. 1.
- BURKHOLDER, J. B., Chicago, Ill.  
9 monographs (gift).
- BURT, E. A. (the author), Middlebury, Vt.  
1 reprint.
- BUSCHAN, GEORGE (the author), Stettin, Germany.  
2 reprints.
- BUSSEY INSTITUTION, Boston, Mass.  
Bulletin, vol. 2, pt. 9.
- CALCUTTA ROYAL BOTANIC GARDEN, Calcutta, India.  
Annual report, 1900-01.  
Annual report on the Government Cinchona Plantation in Bengal, 1899-  
1900.
- CALIFORNIA ACADEMY OF SCIENCES, San Francisco, Cal.  
Proceedings, current nos.
- CALIFORNIA AGRICULTURAL EXPERIMENT STATION, Berkeley, Cal.  
Bulletin, current nos.
- CALIFORNIA STATE LIBRARY, Sacramento, Cal.  
Biennial reports, 50th and 51st, 1898-1900.
- CALIFORNIA UNIVERSITY, Berkeley, Cal.  
Annual report, 1897-98.  
Board of Regents' report, 1900.  
Bulletin of the Department of Geology, vol. 2, no. 7.  
University Chronicle, current nos.
- CAMBRIDGE MUSEUMS AND LECTURE ROOMS SYNDICATE, Cam-  
bridge, England,  
Annual report, 35th.
- CAMBRIDGE PUBLIC LIBRARY, Cambridge, Mass.  
Annual report, 1900.  
Bulletin, current nos.
- CAMBRIDGE UNIVERSITY LIBRARY, Cambridge, England.  
Annual report, 1900.
- CAMBRIDGE UNIVERSITY-MUSEUM OF ZOOLOGY, Cambridge, England.  
Revision of the coleopterous family erotylidæ, by Gratch.
- CANADA DEPARTMENT OF MARINE AND FISHERIES, Ottawa, Canada.  
Annual report, 32d, 1899.  
2 special reports.
- CANADA GEOLOGICAL SURVEY, Ottawa, Canada.  
1 map, 1900.
- CANADA ROYAL SOCIETY, Ottawa, Canada.  
Proceedings and transactions, ser. 2, vol. 5.

- CANADIAN INSTITUTE, Toronto, Canada.  
 Proceedings, current nos.  
 Transactions, current nos.
- CAPE GOVERNMENT HERBARIUM, Cape Town, Cape Colony.  
 Annual report, 1899.
- CARNEGIE INSTITUTE, Pittsburg, Pa.  
 Fifth celebration of Founder's day.
- CARNEGIE INSTITUTE, DEPARTMENT OF FINE ARTS, Pittsburg, Pa.  
 Fifth annual exhibit, 1900.  
 2 catalogues.
- CARNEGIE LIBRARY, Pittsburg, Pa.  
 Annual report, 5th.
- CARNEGIE MUSEUM, Pittsburg, Pa.  
 Memoirs, vol. 1, no. 1.
- CARPENTER, GEORGE H., Dublin, Ireland.  
 Irish Naturalist, vols. 1, 4, 5, 9, 10 and current nos.
- CARR, LUCIEN (the author), Cambridge, Mass.  
 The Mascoutins.
- CATHOLIC UNIVERSITY OF AMERICA, Washington, D. C.  
 Catholic University bulletin, current nos.
- CHAUVERO, ALFREDO, Mexico, Mex.  
 Calendario-Antiguos Indios.  
 Pinturas jeoglíficas, pts. 1 and 2.  
 2 reprints.
- CHICAGO ACADEMY OF SCIENCES, Chicago.  
 Bulletin, current nos.
- CHICAGO ART INSTITUTE, Chicago.  
 Annual reports, 21st and 22d.  
 Catalogue of thirteenth annual exhibition by American artists.  
 Exhibition of works by Chicago artists, 1901.  
 8 other catalogues.
- CHICAGO HISTORICAL SOCIETY, Chicago, Ill.  
 Report of special meeting, Feb. 12, 1900.
- CHICAGO PUBLIC LIBRARY, Chicago, Ill.  
 Annual report, 28th.
- CHICAGO UNIVERSITY, Chicago, Ill.  
 Annual Register, 1900-01.  
 Botanical gazette, current nos.  
 Journal of geology, current nos.  
 University record, vol. 6, no. 3.
- CHILE BIBLIOTECA NACIONAL, Santiago de Chile.  
 Anuario de la Prensa Chilena, 1886-96, 11 vols.  
 Colección de documentos Meditos para la historia de Chile, 18 vols.  
 26 other vols., geographical and historical.
- CINCINNATI HOUSE OF REFUGE, Cincinnati, Ohio.  
 Annual report, 50th, 1900.  
 Annual report, 1850-1900 (gift)
- CINCINNATI MUSEUM ASSOCIATION, Cincinnati, Ohio.  
 Annual Report, 20th, 1900.
- CINCINNATI PUBLIC LIBRARY, Cincinnati, Ohio.  
 Annual list of books added during 1900.  
 Library leaflet, current nos.  
 Quarterly bulletin, current nos.
- CINCINNATI SOCIETY OF NATURAL HISTORY, Cincinnati, Ohio.  
 Journal, current nos.
- CINCINNATI TECHNICAL SCHOOL, Cincinnati, Ohio.  
 Annual report, 13th.
- CINCINNATI UNIVERSITY, Cincinnati, Ohio.  
 Catalogue, 1900-01 (gift).

- CLAUSTHAL-K. BERGAKADEMIE, Clausthal, Hanover, Germany.  
Program, 1900-'01.
- CLEVELAND PUBLIC LIBRARY, Cleveland, Ohio.  
Annual report, 32d.  
Quarterly, current nos.
- COCKERELL, T. D. A. (the author), Las Vegas, N. M.  
Contributions to the entomology of New Mexico.  
7 other pamphlets.
- COHEN, E. (the author), Greifswold, Germania.  
The meteoric irons from Griqualand East, South Africa.  
6 pamphlets.
- COLBY COLLEGE, Waterville, Me.  
Catalogue, 1900-'01.
- COLLIERY ENGINEER CO., Scranton, Pa.  
Mines and Minerals, current nos. (gift).
- COLLINGE, W. E., Birmingham, England.  
6 reprints.
- COLORADO AGRICULTURAL EXPERIMENT STATION, Fort Collins,  
Colo.  
Bulletin, current nos. (gift).
- COLORADO BUREAU OF MINES, Denver, Colo.  
Bulletin, no. 4.  
Report, 1899 and 1900.
- COLORADO SCIENTIFIC SOCIETY, Denver, Colo.  
Proceedings, current nos.
- COLORADO COLLEGE SCIENTIFIC SOCIETY, Colorado Springs, Colo.  
Colorado College Studies, vol. 9.
- COLORADO STATE LIBRARY, Denver, Colo.  
Colorado Arbor Day notes.
- COLUMBIA UNIVERSITY, New York City.  
Catalogue, 1900-'01.  
Quarterly, current nos.
- CONNECTICUT ACADEMY OF ARTS AND SCIENCES, New Haven, Conn.  
Transactions, vol. 10, pt. 2.
- CONNECTICUT AGRICULTURAL EXPERIMENT STATION, New Haven,  
Conn.  
Annual report, 24th, 1900.  
Bulletin, current nos.
- CONNECTICUT COMMISSIONERS OF FISHERIES AND GAME, Had-  
lyme, Conn.  
Biennial report, 1899-1900.
- CONNECTICUT SHELL FISH COMMISSION, South Norwalk, Conn.  
Annual report, 1883-1900.
- COOPER ORNITHOLOGICAL CLUB, Santa Clara, Cal.  
Pacific Coast Avifauna, Nos. 1 and 2.  
The Condor, current nos.
- COOPER UNION, New York City.  
Annual report, 1900.
- CORNELL UNIVERSITY AGRICULTURAL EXPERIMENT STATION,  
Ithaca, N. Y.  
Bulletin, current nos. (gift).
- COSTA RICA. INSTITUTO FISICO-GEOGRAFICO NACIONAL, San José,  
Costa Rica.  
Boletín, vol. 1, no. 1.
- COSTA RICA. MUSEO NACIONAL, San José, Costa Rica.  
Informe, 1898-1899, 1899-1900.  
1 pamphlet.

- COULTER, STANLEY (the author), Bookville, Ind.  
Flora of Indiana.  
5 reprints.
- CRAGIN, F. W., Colorado Springs, Colo.  
2 pamphlets (gift).
- CZERNOWITZ, K. K. FRANK-JOSEPHS-UNIVERSITÄT, Czernowitz,  
Austria.  
Alma mater Francisco Josephina.  
Feierliche inauguration des rectorats, 1900-'01.  
Festschrift, 1875-1900.  
Uebersicht der Akademischen behörden, 1901-'02.  
Verzeichnis der öffentlichen vorlesungen, 1901, 1901-'02.
- DAVENPORT ACADEMY OF NATURAL SCIENCES, Davenport, Iowa.  
The flora of Scott and Muscatine counties, Iowa.
- DELAWARE AGRICULTURAL EXPERIMENT STATION, Newark, Del.  
Bulletin, current nos. (gift).
- DELLENBAUGH, F. S. (the author), New York City.  
The North American Indians of yesterday (gift).
- DENISON UNIVERSITY, Granville, Ohio.  
Bulletin, vols. 1-10, vol. 11, ar. 1-10.
- DETROIT MUSEUM OF ART, Detroit, Mich.  
Annual report, 1900.
- DETROIT PUBLIC LIBRARY, Detroit, Mich.  
Annual report, 36th.  
Bulletin of books added during 1900.
- DEUTSCHE GEOLOGISCHE GESELLSCHAFT, Berlin, Germany.  
Zeitschrift, current nos.
- DEUTSCHE GESELLSCHAFT FÜR NATUR UND VÖLKERKUNDE,  
OSTASIENS, Tokio, Japan.  
Japanische mythologie.  
Mittheilungen, vol. 8, pt. 2.
- DEWALQUE, G., Liège, Belgium.  
1 reprint.
- DIESERUD, JUL (the author), Washington, D. C.  
1 reprint.
- DIAL PUBLISHING CO., Chicago.  
The Dial, current nos. (gift).
- DOLLO, LOUIS, Brussels, Belgium.  
1 reprint.
- DRESDEN. K. MINERAL-GEOLOG. MUSEUM, Dresden, Germany.  
Mittheilungen, pt. 2.
- DREW THEOLOGICAL SEMINARY, Madison, N. J.  
Annual report, 1899-1900.  
Year book, 1900-'01.
- DRUGS, OILS AND PAINTS, Philadelphia, Pa.  
Journal, current nos. (gift).
- ECKEL, E. C., Albany, N. Y.  
1 reprint.
- EDINBURGH GEOLOGICAL SOCIETY, Edinburgh, Scotland.  
Transactions, current nos.
- EDINBURGH MUSEUM OF SCIENCE AND ART, Edinburgh, Scotland.  
Annual report, 1899.
- EDINBURGH. ROYAL SOCIETY, Edinburgh, Scotland.  
Proceedings, vol. 22.
- EIGENMANN, C. H., Bloomington, Ind.  
Eyes of the blind vertebrates of North America, pts. 2 and 3.  
1 reprint.



- ELECTRICIAN PUBLISHING CO., Chicago.  
Western electrician, current nos.
- ELISHA MITCHELL SCIENTIFIC SOCIETY, Chapel Hill, N. C.  
Journal, 1895, 1896, 1897, 1898, 1899.
- ELLIS, J. B., Newfield, N. J.  
The North American phyllostictas.
- ENGINEERS' SOCIETY OF WESTERN PENNSYLVANIA, Pittsburg, Pa.  
Membership list.  
Proceedings, current nos.
- ENGLER, ADOLF, Berlin, Germany.  
1 pamphlet.
- ENOCH PRATT FREE LIBRARY, Baltimore, Md.  
Annual report, 15th.  
Bulletin, current nos.
- ESSEX INSTITUTE, Salem, Mass.  
Annual report, 1900-'01.  
Bulletin, vols. 1-8, 14-27.  
Historical collection, vol. 36, no. 4.
- EVANS, A. W., New Haven, Conn.  
3 reprints.
- EVANSTON FREE PUBLIC LIBRARY, Evanston, Ill.  
Annual report, 27th.
- FERN BULLETIN CO., Binghamton, N. Y.  
Fern bulletin, current nos.
- FERNALD, M. L. (the author), Cambridge, Mass.  
3 reprints.
- FERRILL, W. C. (the author), Colorado Springs, Colo.  
Notes on Colorado winter birds (gift).
- FIELD COLUMBIAN MUSEUM.  
Publications, 10.  
Purchase:  
83 books.  
16 pamphlets.  
66 periodicals.
- FLORIDA AGRICULTURAL EXPERIMENT STATION, Lake City, Fla.  
Bulletin, current nos. (gift).
- FOREST AND STREAM PUBLISHING CO., Chicago.  
Forest and stream, current nos. (gift).
- FRANKLIN INSTITUTE, Philadelphia, Pa.  
Journal, current nos.
- FRANKLIN AND MARSHALL COLLEGE, Lancaster, Pa.  
Obituary record, vol. 2, no. 1.
- FREIBURG. K. SÄCHS. BERGAKADEMIE, Freiburg, Germany.  
Programm, 1901-'02.
- FREIBURG. NATURFORSCHENDE GESELLSCHAFT, Freiburg, Germany.  
Bericht, vol. 2, pt. 2.
- FRIEDLANDER, R. AND SOHN, Berlin, Germany.  
Naturæ novitates, current nos.
- FÜRBRINGER, MAX, Jena, Germany.  
1 reprint.
- GANONG, W. F., Northampton, Mass.  
Economic mollusca of Acadia.  
16 reprints.
- GATSCHET, A. S. (the author), Washington, D. C.  
Grammatic sketch of the Catawba language.  
2 reprints.

- GENÈVE CONSERVATOIRE AND JARDIN BOTANIQUE, Geneva, Switzerland.  
 Annuaire, 1899.
- GENOVA. MUSEO CIVICO DI STORIA NATURALE, Genova, Italy.  
 Annali, ser. 2, vol. 20.  
 Index, 1870-1901.
- GEOLOGICAL SOCIETY OF AMERICA, Rochester, N. Y.  
 Bulletin, current nos.  
 Index, vols. 1-10.
- GEORGIA AGRICULTURAL EXPERIMENT STATION, Experiment, Ga.  
 Bulletin, current nos. (gift).
- GHIZEH ZOOLOGICAL GARDENS, Cairo, Egypt.  
 Report, 1899 and 1900.
- GIESSEN. GROSSE HESSISCHE LUDWIGS UNIVERSITÄT, Giessen, Germany.  
 18 inaugural dissertations.
- GÖTEBORG K. VETENSKAPS OCH VITTERHETS-SAMHÄLLE, Gothenburg, Sweden.  
 Handlingar, ser. 4, vol. 3.
- GÖTTINGEN K. GEORG AUGUST UNIVERSITÄT, Göttingen, Germany.  
 Chronik, 1899-1900.  
 Verzeichnis des personals, etc., 1900-'01.  
 Verzeichnis der vorlesungen, sommer, 1901.  
 Verzeichnis der vorlesungen, winter, 1901-'02.  
 52 inaugural dissertations.
- GRATZ STYRIA NATURWISSENSCHAFTLICHEN VEREIN FÜR STEIERMARK, Gratz Styria, Austria.  
 Mittheilungen, 1897, 1898, 1899, 1900.
- GREENE, E. L., Washington, D. C.  
 Pittonia, vol. 4, pts. 22 and 24.
- GRENADA-BOTANIC STATION, St. George, West Indies.  
 Annual report, 1897, 1898, 1899.
- HAARLEM. STADS BIBLIOTHEK, Haarlem, Netherlands.  
 Verslag van den toestand, 1900.
- HADDON, ALFRED C. (the author), Cambridge, England.  
 2 pamphlets.
- HAMBURG NATURHISTORISCHES MUSEUM, Hamburg, Germany.  
 Mittheilungen, vol. 17.
- HAMILTON ASSOCIATION, Hamilton, Ontario.  
 Journal and proceedings, no. 16.
- HAMILTON COLLEGE, Clinton, N. Y.  
 Annual register, 1900-'01.
- HAMY, E. T. (the author), Paris, France.  
 2 pamphlets.
- HANOVER. NATURHISTORISCHEN GESELLSCHAFT, Hanover, Germany.  
 Jahresbericht, 48 and 49.
- HARGITT, C. W. (the author), Syracuse, N. Y.  
 Variation among hydromeduse.  
 2 other pamphlets.
- HARTFORD PUBLIC LIBRARY, Hartford, Conn.  
 Annual report, 63d.
- HARVARD COLLEGE, Cambridge, Mass.  
 President and treasurer's annual reports, 1899-1900.
- HARVARD COLLEGE MUSEUM OF COMPARATIVE ZOOLOGY, Cambridge, Mass.  
 Annual report, 1899-1900.  
 Bulletin, current nos.





FINE LEFT FINGERBONE OF DISEASED MIAOJIAO (GRAND). HEIGHT, EXCLUSIVE OF BASE, 9  
Y IN.—FIELD COLUMBIAN MUSEUM.

- HARVARD UNIVERSITY, Cambridge, Mass.  
Catalogue, 1900-'01.  
Catalogue, Lawrence Scientific School, 1901-'02.
- HASSE, CARL (the author), Breslau, Germany.  
3 pamphlets.
- HATCH EXPERIMENT STATION, Amherst, Mass.  
Annual report, 13th.  
Bulletin, current nos.
- HATCHER, J. B., Pittsburg, Pa.  
5 reprints.
- HAWAIIAN HISTORICAL SOCIETY, Honolulu, H. I.  
Annual report, 7th, 1899.
- HEIDELBERG. UNIVERSITÄTS-BIBLIOTHEK, Heidelberg, Germany.  
71 inaugural dissertations.
- HERBIER, BOISSIER, Geneve, Switzerland.  
Bulletin, current nos.  
Memoires, nos. 18-22.
- HELLER, A. A. (the author), Lancaster, Pa.  
Catalogue of North American plants north of Mexico.  
Muhlenbergia, vol. 1, nos. 1 and 2.
- HILL, CHARLES (the author), Chicago.  
2 pamphlets (gift).
- HITCHCOCK, C. H., Hanover, N. H.  
Volcanic phenomena of Hawaii.  
2 other pamphlets.
- HOWES, G. B. (the author), London, England.  
On the development of the skeleton of the tuatara.
- HOYT, F. W., PUBLISHING CO., New York City.  
Stone, current nos. (gift).
- HRDLICKA, A., New York City.  
1 reprint.
- IDAHO. AGRICULTURAL EXPERIMENT STATION, Moscow, Idaho.  
Bulletin, current nos. (gift).
- ILLINOIS AGRICULTURAL EXPERIMENT STATION, Urbana, Ill.  
Bulletin, current nos. (gift).
- ILLINOIS STATE BOARD OF AGRICULTURE, Springfield, Ill.  
Statistical report, 1900.
- ILLINOIS STATE FISH COMMISSION, Urbana, Ill.  
Report, 1898-1900.
- ILLINOIS UNIVERSITY, Urbana, Ill.  
Catalogue, 1900-'01.  
University studies, vol. 1, no. 2.
- ILLINOIS WESLEYAN UNIVERSITY, Bloomington, Ill.  
Illinois Wesleyan Magazine, current nos.
- INDIAN MUSEUM, Calcutta, India.  
Indian Museum notes, current nos.
- INDIANA ACADEMY OF SCIENCES, Indianapolis, Ind.  
Proceedings, 1898-'99.
- INDIANA. DEPARTMENT OF GEOLOGY AND NATURAL RE-  
SOURCES, Indianapolis, Ind.  
Annual report, 25th, 1900.
- INLAND PRINTER PUBLISHING CO., Chicago.  
Inland Printer, current nos.
- IOWA ACADEMY OF SCIENCES, Des Moines, Iowa.  
Proceedings, 1899, vol. 7.
- IOWA AGRICULTURAL EXPERIMENT STATION, Ames, Iowa.  
Bulletin, current nos. (gift).

- IOWA MASONIC LIBRARY, Cedar Rapids, Iowa.  
Quarterly bulletin, current nos.
- IOWA GEOLOGICAL SURVEY, Des Moines, Iowa.  
Annual report, 1899-1900.
- IOWA STATE UNIVERSITY, Iowa City, Iowa.  
Calendar, 1900-'01.
- IOWA STATE UNIVERSITY LABORATORIES OF NATURAL HISTORY,  
Iowa City, Iowa.  
Bulletin, current nos.
- ISIS. NATURWISSENSCHAFTLICHE GESELLSCHAFT, Dresden, Ger-  
many.  
Sitzungsberichte und abhandlungen, 1900, pt. 2.
- JAMAICA. BOTANICAL DEPARTMENT, Kingston, Jamaica.  
Bulletin, current nos.
- JANET, CHARLES, Paris, France.  
Recherches sur l'anatomie de la fourmi.  
7 other reprints.
- JOSTROW, JOSEPH, Madison, Wis.  
1 reprint.
- JOHN CREKAR LIBRARY, Chicago.  
Annual reports, 5th and 6th.
- JOHNS HOPKINS UNIVERSITY, Baltimore, Md.  
Memoirs from the Biological Laboratory, vol. 4, no. 5.  
1 reprint.
- KANSAS STATE AGRICULTURAL COLLEGE, Manhattan, Kan.  
Annual report, 13th, 1899-1900.  
The Industrialist, current nos.
- KANSAS STATE BOARD OF AGRICULTURE, Topeka, Kan.  
Biennial report, 1899-1900.
- KANSAS UNIVERSITY, Lawrence, Kan.  
Quarterly bulletin, current nos.
- KENTUCKY AGRICULTURAL EXPERIMENT STATION, Lexington, Ky.  
Bulletin, current nos. (gift).
- KENTUCKY. INSPECTOR OF MINES, Louisville, Ky.  
Annual report, 1898, 1899.  
6 geological survey reports.
- KEW. ROYAL GARDENS, Kew, England.  
Bulletin, current nos.  
Official guide to the Museums of economic botany, nos. 2 and 3.
- KJØBENHAVN. NATURHISTORISKE FORENING, Copenhagen, Denmark.  
Videnskabelige meddeleiser, 1900.
- KNOWLTON, F. H. (author), Washington, D. C.  
Flora of the Montana formation.  
1 pamphlet.
- LAFAETTE COLLEGE, Easton, Pa.  
Catalogue, 1900-'01.
- LA HILLE, F. (the author), Buenos Aires, Argentina.  
5 reprints.
- LAKE FOREST UNIVERSITY, Lake Forest, Ill.  
Catalogue, 1900-'01.
- LAKE MOHAWK ARBITRATION CONFERENCE, Mohawk Lake, N. Y.  
Report of sixth annual meeting, 1900 (gift).
- LANCASHIRE SEA FISHERIES LABORATORY, Liverpool, England.  
Report, 1900.
- LAWRENCE FREE PUBLIC LIBRARY, Lawrence, Mass.  
Annual report, 25th.  
Bulletin, current nos.

- LEHIGH UNIVERSITY, South Bethlehem, Pa.  
Register, 1900-'01.
- LEHMANN, NITSCHKE R. (the author), La Plata, Argentina.  
1 pamphlet.
- LEIDEN. RIJKS ETHNOGRAPHISCH MUSEUM, Leiden, Netherlands.  
Verslag, 1899-1900.
- LEIPZIG. K. SÄCHS. GESELLSCHAFT DER WISSENSCHAFTEN, Leipzig, Germany.  
Berichte, 1900, pt. 5.
- LEIPZIG. MUSEUMS FÜR VÖLKERKUNDE, Leipzig, Germany.  
Berichte, 1899.
- LELAND STANFORD, JUNIOR, UNIVERSITY, Stanford University, Cal.  
Contributions to biology, nos. 22-26.
- LEON, NICOLAS (the author), Mexico.  
Anthropological bibliography of Mexico.  
1 reprint.
- LEWIS INSTITUTE, Chicago, Ill.  
Annual register, 5th.
- LIMA. SOCIEDAD GEOGRAFICA, Lima, Peru.  
Boletín, vol. 10, no. 1.
- LING ROTH, H. (the author), Halifax, England.  
The Fijian collection.
- LISBOA-ACADEMIA REAL DAS SCIENCIAS, Lisboa, Portugal.  
Journal, vol. 6, no. 22.
- LIVERPOOL BIOLOGICAL SOCIETY, Liverpool, England.  
Proceedings and transactions, vol. 14.
- LLOYD LIBRARY, Cincinnati, Ohio.  
Bulletin, nos. 1 and 2.
- LONDON-LINNEAN SOCIETY, London, England.  
Journal, Botany, current nos.  
Journal, Zoology, current nos.  
List, 1900-'01.  
Proceedings, 1899-1900.
- LONDON-ROYAL SOCIETY, London, England.  
Proceedings, current nos.  
Reports to the Malaria Committee, 3d, 4th, 5th series.
- LONDON-ROYAL COLLEGE OF SCIENCE, London, England.  
Appendix C. 18th, and 18th annual report.  
Prospectus, 1900-'01.
- LONDON ROYAL GEOGRAPHICAL SOCIETY, London, England.  
Journal, current nos.
- LONDON SOCIETY OF ARTS, London, England.  
Journal, current nos.
- LONDON ZOOLOGICAL SOCIETY, London, England.  
Proceedings, current nos.  
Transactions, current nos.
- LOS ANGELES PUBLIC LIBRARY, Los Angeles, Cal.  
Annual report, 1899-1900.
- LOUBAT, J. F., Paris, France.  
Auf alten wegen in Mexico und Guatemala.  
The tonolamatl of the Aubin collection.
- LOUISIANA AGRICULTURAL EXPERIMENT STATION, Audubon Park, La.  
Annual report, 13th, 1900.  
Bulletin, current nos.
- McGUIRE, J. D., Ellicott City, Md.  
1 pamphlet.
- McGILL UNIVERSITY, Montreal, Canada.  
Papers from the departments, current nos.

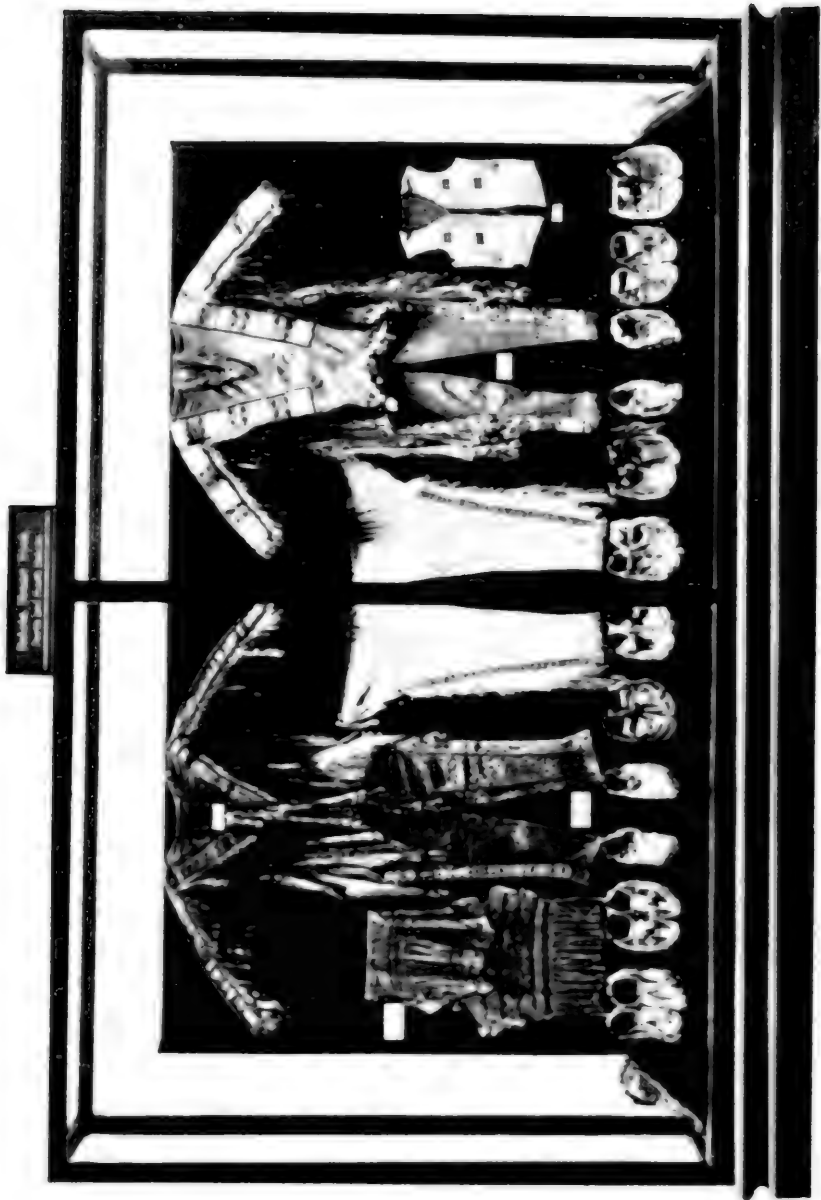
- MAC RITCHIE, DAVID, Edinburgh, Scotland.  
Home of the Picts  
1 pamphlet.
- MADRAS GOVERNMENT MUSEUM, Madras, India.  
Bulletin, current nos.  
Catalogue of the prehistoric antiquities.
- MADRID BIBLIOTECA NACIONAL, Madrid, Spain.  
La imprenta en Córdoba.
- MADRID REAL ACADEMIA DE CIENCIAS, Madrid, Spain.  
Memorias, vol. 19.
- MADRID REVISTA MINERA Y METALURGICA, Madrid, Spain.  
Revista minera y metalurgica, current nos.
- MAGYAR NEMZETI MUSEUM, Budapest, Hungary.  
Termeszettörténeti füzetek, current nos.
- MAHOU DE AU AND CAPTEAN (the authors), Paris, France.  
1 reprint.
- MADRID JARDIN BOTANICO DE, Madrid, Spain.  
Catalogus seminum, 1790.
- MAINE AGRICULTURAL EXPERIMENT STATION, Orono, Me.  
Bulletin, current nos. (21th).
- MAINE UNIVERSITY, Orono, Me.  
Catalogue, 1900-01.  
University studies, no. 1.
- MANCHESTER INSTITUTE OF ARTS AND SCIENCES, Manchester, N. H.  
Nature study, vol. 1.  
Proceedings, vols. 1 and 2.
- MANCHESTER GEOLOGICAL SOCIETY, Manchester, England.  
Transactions, current nos.
- MANCHESTER MUSEUM, Manchester, England.  
Annual report, 1900-01.  
Publications, nos. 32 and 33.
- MARBURG K. PREUSSISCH UNIVERSITÄT, Marburg, Germany.  
Chronik, 1900-01.
- MARIETTA COLLEGE, Marietta, Ohio.  
Catalogue, 1900-01.
- MARINE BIOLOGICAL ASSOCIATION, Plymouth, England.  
Journal, current nos.
- MARQUAND, ALLEN, Princeton, N. J.  
1 reprint.
- MARSEILLE FACULTE DES SCIENCES, Marseilles, France.  
Annales, vol. 41.
- MARYLAND AGRICULTURAL EXPERIMENT STATION, College Park, Md.  
Annual report, 13th and 14th.  
Bulletin, current nos.
- MARYLAND INSTITUTE, Baltimore, Md.  
Annual report, 5th.
- MASSACHUSETTS AGRICULTURAL COLLEGE, Amherst, Mass.  
Bulletin, current nos.
- MASSACHUSETTS HORTICULTURAL SOCIETY, Boston, Mass.  
Schedule of prizes for 1901.  
Transactions, 1900, pt. 1.
- MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Boston, Mass.  
Catalogue, 1900-01.  
Technology quarterly, current nos.
- MASSACHUSETTS TOPOGRAPHICAL SURVEY, Boston, Mass.  
Annual reports, 1882-1900.  
Massachusetts-Rhode Island boundary line report.  
Massachusetts-New York boundary line report.



- MELBOURNE UNIVERSITY, Melbourne, Australia  
Calendar, 1901.
- MERRIAM, J. C. (the author), Berkeley, Cal.  
1 reprint.
- MERRILL, GEORGE P., Washington, D. C.  
1 reprint.
- METROPOLITAN MUSEUM OF ART, New York City.  
Annual report, 31st.
- MEXICO. INSTITUTO GEOLOGICO, Mexico.  
Bulletin, No. 14.
- MEXICO. MUSEO NACIONAL, Mexico.  
Historia de la Nueva, Mexico, vols. 1 and 2.  
Historia de la Provincia de Santiago de Mexico, 2d part.  
Historia religiosa de la Provincia de Mexico.  
1 pamphlet.
- MEXICO. RED METEOROLOGICAL Y REVISTA CIENTIFICA, Toluca,  
Mexico.  
Boletin, current nos.
- MEYER, A. B. (the author), Dresden, Germany.  
1 pamphlet.
- MICHIGAN AGRICULTURAL COLLEGE, Agricultural College, Mich.  
Bulletin, current nos. (gift).
- MICHIGAN GEOLOGICAL SURVEY, Lansing, Mich.  
Report of the survey, 1896-1900, vol. 7.
- MICHIGAN UNIVERSITY, Ann Arbor, Mich.  
Calendar, 1900-'01.
- MOORE, C. B. (the author), Philadelphia, Pa.  
Certain aboriginal remains of the Northwest Florida coast, pt. 1.
- MOSCOW. PUBLIC RUMANTZOFF MUSEUM, Moscow, Russia.  
Annual report, 1899.
- MOSCOW. SOCIÉTÉ IMPÉRIALE DES NATURALISTES, Moscow,  
Russia.  
Bulletin, current nos.  
Memoires, current nos.
- MOSELEY, E. L. (the author), Sandusky, Ohio.  
Sandusky flora (gift).
- MÜNCHEN. K. AKADEMIE DER WISSENSCHAFTEN, Munich,  
Germany.  
Sitzensberichte, 1900, pts. 1-3.  
3 pamphlets.
- MUNFORD, A. W., PUBLISHING CO., Chicago.  
Birds, vols. 1-3.  
Birds and nature, vols. 4-7.  
Nature and art, current nos.
- MUSÉE GUIMET, Paris, France.  
Annales, bibliotheque d'etudes, vol. 9.  
Guide, 1899.
- MUSÉE DE L'ETAT INDEPENDENT DU CONGO, Brussels, Belgium.  
Annales, current nos.  
Les poissons du Bassin du Congo, by G. A. Boulenger.  
Memoires, nos. 1 and 2.
- MUSEO DE LA PLATA, La Plata, Argentina.  
Annales, geology and mineralogy, vol. 2, pt. 1.
- MUSEUM'S ASSOCIATIONS, Sheffield, England.  
Museum's journal, current nos.
- NADAILLAC, J. F. A. DU P. (the author), Paris, France.  
2 pamphlets.
- NANCY. SOCIÉTÉ DES SCIENCES, Nancy, France.  
Bulletin, ser. 3, vols. 1 and 2.

- NAPOLI. SOCIETA REALE DI NAPOLI, Naples, Italy.  
Atti reale Accademia, vol. 10.  
Rendiconti, current nos.
- NATAL BOTANIC GARDENS, Durban, Natal.  
Annua. report, 1900-'01.  
Natal plants, vol. 2, pt. 2; vol. 3, pt. 1.
- MILLSPAUGH, C. F., Field Columbian Museum.  
Clute. Flora of the Upper Susquehanna.  
1 reprint (gift).
- MILWAUKEE PUBLIC MUSEUM, Milwaukee, Wis.  
Report, 18th.
- MINERAL COLLECTOR CO., New York City.  
Mineral collector, current nos.
- MINING AND METALLURGY PUBLISHING CO., New York City.  
Journal, current nos. (gift).
- MINNESOTA ACADEMY OF NATURAL SCIENCES, Minneapolis, Minn.  
Bulletin, vol. 3, nos. 1-3.
- MINNESOTA AGRICULTURAL EXPERIMENT STATION, St. Anthony's Park, Minn.  
Bulletin, current nos. (gift).
- MINNESOTA GEOLOGICAL AND NATURAL HISTORY SURVEY, St. Paul, Minn.  
Final report, vols. 4, 5, 6.
- MINNESOTA HISTORICAL SOCIETY, St. Paul, Minn.  
Historical collections, vols. 1-5 and 9.
- MISSISSIPPI AGRICULTURAL EXPERIMENT STATION, Agricultural College, Miss.  
Bulletin, current nos. (gift).
- MISSOURI BOTANICAL GARDEN, St. Louis, Mo.  
Annual report, 12th.
- MISSOURI UNIVERSITY, Columbia, Mo.  
Biennial report, 1899-1900.  
Studies, vol. 1, no. 1.
- MONTANA STATE SCHOOL OF MINES, Butte, Mont.  
Catalogue, 1900-'01.
- MONTANA UNIVERSITY, Missoula, Mont.  
1 pamphlet.
- MONTVIDEO. MUSEO NACIONAL, Montevideo, Uruguay.  
Anales, vol. 3, pts. 17, 18, 19.
- MONTREAL. NUMISMATIC AND ANTIQUARIAN SOCIETY, Montreal, Canada.  
Canadian record of science, ser. 3, vol. 3, nos. 1-4.  
Catalogue of the Chateau Ramezay Museum and portrait gallery.
- NATIONAL GEOGRAPHICAL SOCIETY, Washington, D. C.  
National Geographic magazine, current nos.
- NATURALISTE CANADIEN, Chicoutimi, Canada.  
Naturaliste Canadien, current nos.
- NEBRASKA ORNITHOLOGISTS' UNION, Lincoln, Neb.  
Proceedings, 1st annual meeting, 1900.
- NEDERLANDSCHE DIE RKUNDIGE VEREENIGING, Helder, Netter-lands.  
Aanwinsten van de bibliotheek, 1900.  
Tijdschrift, current nos.
- NEUCHÂTEL SOCIÉTÉ NEUCHÂTELOISE DE GÉOGRAPHIE, Neuchâtel, Switzerland.  
Bulletin, vol. 12, 1900.
- NEVADA AGRICULTURAL EXPERIMENT STATION, Reno, Nev.  
Bulletin, current nos. (gift).





Arab Headdresses from the Egyptian Museum, Cairo, Egypt. The Cairo Museum, Egypt.

- NEW BEDFORD. FREE PUBLIC LIBRARY, New Bedford, Mass.  
Annual report, 49th.  
Monthly bulletin, current nos.
- NEW BRUNSWICK NATURAL HISTORY SOCIETY, St. John, Canada.  
Bulletin, vol. 4, pt. 4.
- NEW ENGLAND HISTORICAL AND GENEALOGICAL SOCIETY, Boston, Mass.  
Supplemental number, 1901.
- NEW HAMPSHIRE AGRICULTURAL EXPERIMENT STATION, Durham, N. H.  
Bulletin, current nos.
- NEW HAMPSHIRE COLLEGE, Durham, N. H.  
Catalogue, 1900-'01.
- NEW HAMPSHIRE STATE LIBRARY, Concord, N. H.  
Annual report, 1898-1900.
- NEW JERSEY AGRICULTURAL EXPERIMENT STATION, Trenton, N. J.  
Bulletin, current nos. (gift).
- NEW JERSEY GEOLOGICAL SURVEY, Trenton, N. J.  
Annual report, 1899, 1900.  
7 maps.
- NEW MEXICO AGRICULTURAL EXPERIMENT STATION, Mesilla Park, N. M.  
Bulletin, current nos.
- NEW SOUTH WALES. BOTANIC GARDENS, Sydney, N. S. W.  
Annual report, 1899.
- NEW SOUTH WALES. DEPARTMENT OF MINES AND AGRICULTURE, Sydney, N. S. W.  
Annual report, 1899.  
Memoirs, geology, no. 2.  
Mineral resources, no. 8.  
Records, vol. 6, pt. 4, vol. 7, pt. 1.
- NEW SOUTH WALES LINNEAN SOCIETY, Sydney, N. S. W.  
Proceedings, vol. 25, pt. 2.
- NEW YORK ACADEMY OF SCIENCES, New York City.  
Annales, vol. 12, pts. 1 and 2, vol. 13, pt. 1.  
Memoirs, vol. 2, pts. 2 and 3.
- NEW YORK AGRICULTURAL EXPERIMENT STATION, Geneva, N. Y.  
Annual report, 16th, 17th, 18th.  
Bulletin, current nos.
- NEW YORK BOTANICAL GARDEN, New York City.  
Bulletin, vol. 2, no. 6.  
Collection of 18 books and 10 pamphlets (gift).
- NEW YORK. FOREST, FISH AND GAME COMMISSION, Albany, N. Y.  
Annual reports, 4th and 6th.  
Forest preserve board reports, 2d, 3d and 4th.
- NEW YORK FREE CIRCULATING LIBRARY, New York City.  
Annual report, 21st, 1900.
- NEW YORK. GENERAL SOCIETY OF MECHANICS AND TRADESMEN, New York City.  
Annual report, 115th.  
Prospectus of free school department, 1901-'02.
- NEW YORK HISTORICAL SOCIETY, New York City.  
1 pamphlet (gift).
- NEW YORK JUVENILE ASYLUM, New York City.  
Annual reports, 48th and 49th.
- NEW YORK LINNEAN SOCIETY, New York City.  
Abstract of the proceedings, no. 12.
- NEW YORK MERCANTILE LIBRARY, New York City.  
Annual report, 18th, 1900.

- NEW YORK STATE COLLEGE OF FORESTRY, Ithaca, N. Y.  
Announcement, 1920-'21.
- NEW YORK STATE DEPARTMENT OF PUBLIC INSTRUCTION, New York City.  
Butler—Education in the United States, vols. 1 and 2.  
Taylor and Parsons—Professional education in the United States, vols. 1 and 2 (gift).
- NEW YORK STATE LIBRARY, Albany, N. Y.  
Annual report, 1899.  
Bulletin, current nos.  
Home education bulletin.  
Memoirs, New York State Museum, nos. 2 and 3.  
State Museum report, 51st, pt. 2 and 52d, pt. 1.
- NEW YORK STATE MUSEUM, Albany, N. Y.  
Annual report State Botanist, 53d.
- NEW YORK, YOUNG MEN'S CHRISTIAN ASSOCIATION, New York City.  
Association notes, current nos.
- NEWARK, FREE PUBLIC LIBRARY, Newark, N. J.  
Annual report, 12th, 1920.  
Finding list, new ser. nos. 1 and 2.  
Library news, current nos.  
Report, 1887-1921.
- NEWARK TECHNICAL SCHOOL, Newark, N. J.  
Handbook of information, 1920-'01.
- NEWBERRY LIBRARY, Chicago, Ill.  
Annual report, 1920.
- NORDENSKJÖLD, OTTO, Stockholm, Sweden.  
1 reprint.
- NORTH CAROLINA AGRICULTURAL EXPERIMENT STATION, Raleigh, N. C.  
Annual report, 1899, 1920.  
Bulletins, current nos. (gift).
- NORTH DAKOTA AGRICULTURAL EXPERIMENT STATION, Fargo, N. D.  
Bulletin, current nos. (gift).
- NOVA SCOTIAN INSTITUTE OF SCIENCE, Halifax, Nova Scotia.  
Proceedings, vol. 10, pt. 2.
- NÜRNBERG, NATURHISTORISCHE GESELLSCHAFT, Nürnberg, Germany.  
Abhandlungen, vol. 13.
- OBERLIN COLLEGE LIBRARY, Oberlin, Ohio.  
Wilson bulletin, nos. 30-33.
- OHIO AGRICULTURAL EXPERIMENT STATION, Columbus, Ohio.  
Annual reports, 7th, 8th.  
Bulletin, current nos.
- OHIO STATE ACADEMY OF SCIENCE, Columbus, Ohio.  
Annual report, 9th.  
Special papers, nos. 1, 2, 3, 4.
- OHIO STATE ARCHAEOLOGICAL AND HISTORICAL SOCIETY, Columbus, Ohio.  
Ohio archaeological and historical quarterly, current nos.
- OHIO STATE BOARD OF AGRICULTURE, Columbus, Ohio.  
Annual report, 53d, 54th.
- OHIO STATE UNIVERSITY, Columbus, Ohio.  
Annual report, 30th, pt. 1 and 2.  
University bulletin, current nos.
- OIL ERA PUBLISHING CO., Los Angeles, Cal.  
Journal, current nos. (gift).

- OMAHA PUBLIC LIBRARY, Omaha, Neb.  
Bulletin, current nos.
- ONTARIO. BUREAU OF LABOR, Toronto, Ontario.  
Report, 1st, 1900.
- ONTARIO DEPARTMENT OF AGRICULTURE, Toronto, Ontario.  
Annual report, 1899, vols. 1 and 2.  
Report of Bureau of Industries, 1899  
Report of the Entomologist, 1900 (gift).
- OPEN COURT PUBLISHING CO., Chicago, Ill.  
The Monist, current nos.
- ORCUTT, C. R., San Diego, Cal.  
West American scientist, current nos.
- OREGON AGRICULTURAL EXPERIMENT STATION, Corvallis, Ore.  
Bulletin, current nos. (gift).
- OTTAWA FIELD-NATURALISTS' CLUB, Ottawa, Canada.  
Ottawa naturalist, current nos.
- PALACHE, CHARLES (the author), Cambridge, Mass.  
Notes on tellurides from Colorado.
- PALERMO. REAL ORTO BOTANICO, Palermo, Italy.  
Index seminum, 1900.
- PAPER MILL AND WOOD PULP NEWS COMPANY, Philadelphia, Pa.  
Journal, current nos. (gift).
- PARIS-ACADEMIE DES SCIENCES, Paris, France.  
Comptes rendus des sciences, current nos.
- PARIS-MUSEUM D'HISTOIRE NATURELLE, Paris, France.  
Bulletin, 1900, nos. 5 and 6.
- PARKE, DAVIS & CO., Detroit, Mich.  
Bulletin of Pharmacy, current nos.
- PEABODY INSTITUTE, Peabody, Mass.  
Annual report, 49th.
- PEABODY MUSEUM, Cambridge, Mass.  
Annual reports, 32d, 33d, 34th.  
Archæological and ethnological papers, vol. 2.
- PENFIELD, S. L., New Haven, Conn.  
1 reprint.
- PENNSYLVANIA AGRICULTURAL EXPERIMENT STATION, State  
College, Pa  
Bulletin, current nos. (gift).
- PENNSYLVANIA HISTORICAL SOCIETY, Philadelphia, Pa.  
Pennsylvania magazine of history and biography, current nos.
- PENNSYLVANIA STATE LIBRARY, Harrisburg, Pa.  
Collection of state reports, 1898-1900, 33 vols.
- PENNSYLVANIA UNIVERSITY, Philadelphia, Pa.  
Bulletin no. 1. First ser.  
Catalogue 1900-'01.  
Provost's report, 1900.
- PEORIA PUBLIC LIBRARY, Peoria, Ill.  
Annual report, 20th.  
Quarterly bulletin, current nos.
- PERKINS INSTITUTION AND MASSACHUSETTS SCHOOL FOR THE  
BLIND, Boston Mass.  
Annual report, 69th.
- PHARMACEUTICAL REVIEW PUBLISHING CO., Milwaukee, Wis.  
Pharmaceutical archives, current nos.  
Pharmaceutical review, current nos.
- PHILADELPHIA ACADEMY OF NATURAL SCIENCES, Philadelphia, Pa.  
Proceedings, current nos.  
Report of the treasurer, 1900.

- PHILADELPHIA COLLEGE OF PHARMACY, Philadelphia, Pa.  
American journal of pharmacy, current nos. (gift).
- PHILADELPHIA COLLEGE OF PHYSICIANS, Philadelphia, Pa.  
Transactions, vol. 22.
- PHILADELPHIA COMMERCIAL MUSEUM, Philadelphia, Pa.  
13 pamphlets.
- PISA-SOCIETA TOSCANO DI SCIENZE NATURALI, Pisa, Italy.  
Memoirs, vol. 17.  
Proceedings, vol. 12.
- POLLARD, C. L., Washington, D. C.  
9th list of additions to the flora of Washington, D. C.  
2 other reprints.
- POPULAR SCIENCE PUBLISHING CO., New York City.  
Popular science, current nos.
- PORTLAND PUBLIC LIBRARY, Portland, Me.  
Annual report, 1900, 1900-'01.  
Bulletin, current nos.
- PRAG. K. K. DEUTSCHEN CARL-FERDINANDS-UNIVERSITAT, Prag,  
Bohemia.  
Feierliche installation des rectors, 1900-'01.  
Ordnung der vorlesungen, sommer, 1901.  
Ordnung der vorlesungen, wintersemester, 1901-'02.  
Personalstand, 1901-'02.
- PRATT INSTITUTE. FREE LIBRARY, Brooklyn, N. Y.  
Report, 1899-1900.
- PRESTO CO., Chicago.  
Presto, current nos. (gift).
- PREUSS, K. T., Berlin, Germany.  
2 reprints.
- PRINCETON. E. M. MUSEUM OF GEOLOGY AND ARCHÆOLOGY,  
Princeton, N. J.  
Annual report, 1882 and 1884.
- PRINCETON UNIVERSITY, Princeton, N. J.  
Bulletin, current nos.  
Catalogue, 1900-'01.
- PROVIDENCE ATHENÆUM, Providence, R. I.  
Annual report, 23d.  
Bulletin, current nos.
- PURDUE UNIVERSITY, Lafayette, Ind.  
Annual reports, 1899-1900.  
Catalogue, 1900-'01.  
Experiment station bulletin, current nos.
- QUEENSLAND. ROYAL SOCIETY, Brisbane, Queensland.  
Proceedings, vol. 16.
- QUEENSLAND MUSEUM, Brisbane, Queensland.  
Annals, no. 5.
- RAILWAY LIST CO., Chicago.  
Railway master mechanic, current nos. (gift).
- RAILWAY REVIEW PUBLISHING CO., Chicago.  
Railway review, current nos. (gift).
- RAMOND, GEORGE (the author), Paris, France.  
6 reprints.
- REDWOOD LIBRARY, Newport, R. I.  
Catalogue of the Calvert collection of books.
- REED, H. S., Denver, Colo.  
Collection of state reports, 7 books and 2 pamphlets.
- REVUE GENERALE DES SCIENCES, Paris, France.  
Revue, current nos.



- RHODE ISLAND AGRICULTURAL EXPERIMENT STATION, Kingston,  
R. I.  
Annual report, 13th, pt. 2.  
Bulletin, current nos. (gift).
- RICHEL, CHARLES, Paris, France.  
Revue scientifique, current nos.
- RIPON COLLEGE, Ripon, Wis.  
Catalogue, 1900-'01.
- ROCHESTER ACADEMY OF SCIENCE, Rochester, N. Y.  
Proceedings, vol. 4, pp. 1-64.
- ROME. REALE ACCADEMIA DEI LINCEI, Rome, Italy.  
Atti, current nos.  
Rendiconti, current nos.
- ROSE POLYTECHNIC INSTITUTE, Terre Haute, Ind.  
Annual catalogue, 1901.
- ROYAL ASIATIC SOCIETY, CEYLON BRANCH, Colombo, Ceylon.  
Journal, vol. 16, no. 50.  
1 pamphlet.
- ROYAL ASIATIC SOCIETY, CHINA BRANCH, Shanghai, Asia.  
Journal, vol. 32.
- ROYAL ASIATIC SOCIETY, STRAITS BRANCH, Singapore, Asia.  
Journal, nos. 34 and 35.
- RUSSELL, FRANK (the author), Cambridge, Mass.  
3 reprints.
- RUSSELL, ISRAEL C. (the author), Ann Arbor, Mich.  
Geology of the Cascade mountains of northern Washington.
- RUTLEY, FRANK, London, England.  
2 reprints.
- SACKENBERGIAN SOCIETY OF NATURALISTS, Frankfort-on-the-Main,  
Germany.  
Bericht, 1900.
- ST. LOUIS ACADEMY OF SCIENCE, St. Louis, Mo.  
Transactions, current nos.
- ST. LOUIS MERCANTILE LIBRARY ASSOCIATION, St. Louis, Mo.  
Annual report, 55th.
- ST. LOUIS UNIVERSITY, St. Louis, Mo.  
Catalogue, 1901.
- ST. PAUL PUBLIC LIBRARY, St. Paul, Minn.  
Annual reports, 18th and 19th.
- ST. PETERSBURG. ACADEMIE IMPÉRIALE DES SCIENCES, St.  
Petersburg, Russia.  
Bulletin, current nos.  
Memoires, vols. 6, 7, 8, 9 and vol. 10, no. 1.
- ST. VIATEUR'S COLLEGE, Bourbonnais, Ill.  
The Viatorian, current nos.
- SALEM PUBLIC LIBRARY, Salem, Mass.  
Bulletin, current nos.  
Trustees' report, 1900.
- SAN FRANCISCO. FREE PUBLIC LIBRARY, San Francisco, Cal.  
Annual report, 1899-1900.
- SAN FRANCISCO. MECHANICS INSTITUTE, San Francisco, Cal.  
Bulletin, current nos.
- SAVILLE, MARSHALL, New York City.  
Cruciform structures near Mitla.
- SCHMALZ, J. B. (the author), Hendersonville, N. C.  
2 pamphlets.
- SEWARD, G. F. (the author), New York City.  
Taxation in New York.  
2 other pamphlets (gift).

- SHELDON, J. M. A. (the author), Deerfield, Conn.  
Concretions from the Champlain clays of the Connecticut valley (gift).
- SHOOTING AND FISHING PUBLISHING CO., New York City.  
Shooting and fishing, current nos. (gift).
- SKIFF, F. J. V., Field Columbian Museum.  
A collection of exhibitors' catalogues and official catalogues of the Paris  
Exposition, 59 books and 105 pamphlets.  
American Institute of Mining Engineers: List of officers, etc., 1900.  
American Institute of Mining Engineers: Progress of Mineralogy in  
1899.  
American Institute of Mining Engineers: Transactions, vol. 29 (gift).
- SMITH, H. I. (the author), New York, N. Y.  
8 reprints.
- SMITHSONIAN INSTITUTION, Washington, D. C.  
Annual reports, 1898-'99  
Miscellaneous collections, nos. 1253 and 1258.
- SOCIEDAD CIENTIFICA "ANTONIO ALZATE," Mexico.  
Memorias y revista, current nos.
- SOCIEDAD ESPAÑOLA DE HISTORIA NATURAL, Madrid, Spain.  
Anales, vol. 9
- SOCIETA GEOGRAFICA ITALIANA, Rome, Italy.  
Bulletino, current nos.
- SOCIETA ITALIANA DI ANTHROPOLOGIA, Firenze, Italy.  
Archivio, vol. 30, pts. 1 and 2.
- SOCIETE DES SCIENCES NATURELLES DE REIMS, Reims, France.  
Bulletin, vol. 9, no. 4, vol. 10, no. 1.
- SOCIÉTÉ DES SCIENCES NATURELLES DE SAONE ET LOIRE, Chalon-  
sur Saone, France.  
Bulletin, new ser., vol. 6, nos. 5, 6 and 7.
- SOCIETY FOR PSYCHICAL RESEARCH, Boston, Mass.  
Proceedings, vol. 24, nos. 39-42.
- SOUTH AFRICAN MUSEUM, Cape Town, S. A.  
Annals, vol. 2, pts. 3-5.  
Annual report, 1900.
- SOUTH AFRICAN PHILOSOPHICAL SOCIETY, Cape Town, Cape Colony.  
Transactions, current nos.
- SOUTH AUSTRALIA ROYAL SOCIETY, Adelaide, S. A.  
Transactions, vol. 24, pt. 2.
- SOUTH CAROLINA AGRICULTURAL EXPERIMENT STATION, Clem-  
son College, S. C.  
Bulletin, current nos.
- SOUTH DAKOTA STATE SCHOOL OF MINES, Rapid City, S. D.  
Bulletin, current nos.
- SPRINGFIELD CITY LIBRARY ASSOCIATION, Springfield, Mass.  
Bulletin, current nos.
- STARR, FREDERICK, Chicago.  
3 reprints.
- STATEN ISLAND NATURAL SCIENCE ASSOCIATION, Staten Island,  
N. Y.  
Proceedings, current nos.
- STEINER, B. C., Baltimore, Md.  
17 pamphlets of the writings of Lewis H. Steiner.
- STOCKHOLM KONGL. VENETSKAPS-AKADEMIEN, Stockholm, Sweden.  
Bihang, vol. 25.  
Handlingar, vol. 31.
- STORRS' AGRICULTURAL EXPERIMENT STATION, Storrs, Conn.  
Annual report, 12th.  
Bulletin, current nos. (gift).



FEMUR OF HERBIVOROUS DINOSAUR, GENUS CAMAROSAURUS. HEIGHT, 6 FT. 8 IN.; WEIGHT, 675 LBS.—FIELD COLUMBIAN MUSEUM.



- STRASSBURG. KAISER-WILHELMS-UNIVERSITÄT, Strassburg, Germany.  
14 inaugural dissertations.
- STRETTON, C. E. (the author), Leicester, England.  
The history of the Britannia tubular bridge.  
1 other pamphlet.  
Journal of the Society of Arts, current nos.
- SYDERE, A. H., Toronto, Ontario.  
Report of the Bureau of Mines, 1900.  
34 government reports for 1899 and 1900.
- TAUNTON PUBLIC LIBRARY, Taunton, Mass.  
Annual report, 35th.
- TEXAS ACADEMY OF SCIENCE, Austin, Tex.  
Transactions, 1899, vol. 3.
- TEXAS AGRICULTURAL EXPERIMENT STATION, College Station, Tex.  
Annual reports, 10th and 11th.  
Bulletin, current nos. (gift).
- TEXAS UNIVERSITY, Austin, Tex.  
Mineral survey bulletin, no. 1.
- THEOSOPHICAL SOCIETY, Chicago.  
Theosophical review, current nos. (gift).
- THILENIUS, G., Strassburg, Germany.  
10 reprints.
- TOKYO BOTANICAL SOCIETY, Tokyo, Japan.  
Botanical magazine, current nos.
- TOKYO IMPERIAL UNIVERSITY, Tokyo, Japan.  
Calendar, 1900-'01 (gift).
- TORINO. R. ACCADEMIA DELLE SCIENZE, Torino, Italy.  
Atti, current nos  
Osservazioni meteorologiche, 1900.
- TORONTO UNIVERSITY, Toronto, Canada.  
Studies, anatom. ser., no. 1.  
Studies, geol. ser., no. 1.  
Studies, psychol. ser., no. 4.  
1 reprint.
- TORRALBAS, J. I., Havana, Cuba.  
Flora of Cuba (gift).
- TORREY BOTANICAL CLUB, New York City.  
Bulletin, current nos.
- TRACY, S. M., Biloxi, Miss.  
1 reprint.
- TRING. ZOOLOGICAL MUSEUM, Tring, England.  
Novitates zoologicae, current nos.
- TRINITY COLLEGE, Dublin, Ireland.  
Hermathena, vol. 26.
- TRÖNDHJEM. K. NORSKE VIDENSKABERS SELSKABS, Tröndhjem, Norway.  
Skrifter, 1895-1899.
- TRUDE, A. P., Chicago.  
A study of prehistoric anthropology (gift).
- TÜBINGEN. K. UNIVERSITÄTS-BIBLIOTHEK, Tübingen, Germany.  
Tübingen universitätschriften, 1899-1900.  
1 dissertation.
- TURNER, H. W. (the author), San Francisco, Cal.  
1 reprint.

- U. S. AGRICULTURAL DEPARTMENT, Washington, D. C.  
 Annual report, 1900.  
 Association of economic entomologists, proceedings, 12th.  
 Contributions from the United States National Herbarium, vol. 6.  
 Experiment station record, current nos.  
 Index to literature relating to animal industry, 1837-1898.  
 North American fauna, nos. 19-21.  
 Our foreign trade in agricultural products, 1894-1897.  
 Progress of the beet sugar industry in the United States, 1899 and 1900.  
 Yearbook, 1900.  
 62 bulletins.  
 35 circulars.  
 6 other reports.
- U. S. AMERICAN REPUBLICS BUREAU, Washington, D. C.  
 Monthly bulletin, current nos.
- U. S. COAST AND GEODETIC SURVEY, Washington, D. C.  
 Report, 1899.
- U. S. EDUCATION BUREAU, Washington, D. C.  
 Report of the Commissioner, vols. 1 and 2.
- U. S. ETHNOLOGY BUREAU, Washington, D. C.  
 Annual reports, 17th, pts. 1 and 2, 18th, pt. 1.  
 The Eskimo about Bering Strait.
- U. S. GEOLOGICAL SURVEY, Washington, D. C.  
 Bulletin, nos. 163-176.  
 Monograph, vol. 39.  
 1 chart.
- U. S. GOVERNMENT PRINTING OFFICE, Washington, D. C.  
 Catalogue, current nos.  
 Catalogue of U. S. Public Documents, index, 3 vols. (gift).
- U. S. INTERIOR DEPARTMENT, Washington, D. C.  
 Annual report of Indian Commissioners, 1872 and 1881.  
 Bibliography of North American paleontology.  
 Indian handbook, 1899.  
 6 maps.
- U. S. LIBRARY OF CONGRESS, Washington, D. C.  
 Annual report of the Librarian, 1900.  
 Calendar of Washington manuscripts.  
 List of American newspapers.  
 List of books relating to the theory of colonization, government of dependencies, Porto Rico, and Danish West Indies.  
 List of periodicals, transactions, etc., in the principal libraries of the District of Columbia.
- U. S. NATIONAL MUSEUM, Washington, D. C.  
 Annual report, 1897, pt. 2, and 1899.  
 Bulletin, no. 39.  
 Proceedings, vol. 22.  
 Report on condition and progress, 1898-'99.  
 Special bulletin, pt. 1.  
 1 reprint.
- U. S. NAVAL ACADEMY, Annapolis, Md.  
 Annual register, 1900-'01.
- U. S. STATE DEPARTMENT, Washington, D. C.  
 Commercial relations of the United States, vol. 2.  
 Consular reports, current nos.  
 Review of the world's commerce, 1900.  
 Special consular reports, vols. 19, 20, pts. 1-21 (gift).
- U. S. TREASURY DEPARTMENT, Washington, D. C.  
 Annual report director of the mint, 1900.  
 Commerce and navigation of the United States, vol. 1, 1900.  
 Report of the precious metals in the United States, 1899 (gift).

- U. S. WAR DEPARTMENT, Washington, D. C.  
Copper exploring expedition in Alaska, 1899.  
Index-catalogue of Surgeon General's office, ser. 2, vol. 5.
- UPSALA. K. UNIVERSITETS-BIBLIOTHEK, Upsala, Sweden.  
Bulletin of Geological Institute, vol. 5, pt. 1.
- UTAH. AGRICULTURAL COLLEGE AND EXPERIMENT STATION,  
Logan Utah.  
Annual report, 11th.  
Bulletin, current nos. (gift).
- VALENTINE MUSEUM, Richmond, Va.  
Annual report, 1900.
- VAN DENBURGH, JOHN (the author), Los Gatos, Cal.  
1 reprint.
- VANDERBILT UNIVERSITY, Nashville, Tenn.  
Register, 1900-'01.
- VAUGHAN, J. C., Chicago.  
Corn and potato manual (gift).
- VERMONT AGRICULTURAL EXPERIMENT STATION, Burlington, Vt.  
Annual report, 13th.  
Bulletin, current nos.
- VERMONT. GEOLOGICAL SURVEY, Burlington, Vt.  
Mineral resources of Vermont, 1899-1900 (gift).
- VERMONT UNIVERSITY, Burlington, Vt.  
Catalogue, 1900-'01.  
Report on the marbles, slate and granite industries of Vermont.  
State geologist's report, 1899-1901.
- VICTORIA. FIELD NATURALISTS' CLUB, Melbourne, Victoria.  
Victorian naturalist, current nos.
- VICTORIA. PUBLIC LIBRARY, MUSEUMS AND NATIONAL GAL-  
LERY, Melbourne, Victoria.  
Annual report department of agriculture, 1900.  
The insectivorous birds of Victoria.  
2 pamphlets.
- VICTORIA. ROYAL SOCIETY OF MELBOURNE, Melbourne, Victoria.  
Proceedings, vol. 13, pts. 1 and 2, vol. 14, pt. 1.
- VICTORIA UNIVERSITY, Toronto, Canada.  
Calendar, 1900-'01, 1901-'02 (gift).
- VICTORIA ZOOLOGICAL AND ACCLIMATIZATION SOCIETY, Mel-  
bourne, Victoria.  
Annual report, 37th.
- VIRCHOW, HANS, Berlin, Germany.  
2 reprints.
- VIRGINIA AGRICULTURAL EXPERIMENT STATION, Blacksburg, Va.  
Bulletin, current nos. (gift).
- VIRGINIA UNIVERSITY, Charlottesville, Va.  
Bulletin, new ser., vol. 1, nos. 1 and 3.
- WAGNER FREE INSTITUTE OF SCIENCE, Philadelphia, Pa.  
Transactions, vol. 3, pt. 5.
- WALTER, H. E., Chicago.  
Wild birds in city parks (gift).
- WANGANUI PUBLIC MUSEUM, Wanganui, New Zealand.  
Annual reports, 1899-1900.
- WASHINGTON ACADEMY OF SCIENCE, Washington, D. C.  
Proceedings, current nos.
- WASHINGTON BIOLOGICAL SOCIETY, Washington, D. C.  
Proceedings, current nos.
- WASHINGTON PHILOSOPHICAL SOCIETY, Washington, D. C.  
Bulletin, vols. 13 and 14, pp. 1-166.

- WASHINGTON UNIVERSITY, St. Louis, Mo.  
Catalogue, 1900-'01.
- WATT, GEORGE, Calcutta, India.  
Dictionary of the economic products of India, vols. 1-6 (gift).
- WELLESLEY COLLEGE, Wellesley, Mass.  
Calendar, 1900-'01.
- WESLEYAN UNIVERSITY, Middletown, Conn.  
Catalogue, 1900-'01.
- WEST VIRGINIA AGRICULTURAL EXPERIMENT STATION, Morgantown, W. Va.  
Bulletin, current nos. (gift).
- WESTERN AUSTRALIA GEOLOGICAL SURVEY, Perth, W. Australia.  
Annual progress report, 1899.  
Bulletin, nos. 4 and 5.
- WESTERN UNION TELEGRAPH CO., New York City.  
Annual report, 1900 (gift).
- WHITFIELD, R. P. (the author), New York City.  
6 reprints.
- WIEN ANTHROPOLOGISCHE GESELLSCHAFT, Wien, Austria.  
Mittheilungen, vols. 29 and 30, nos. 1-4.
- WIEN K. K. NATURHISTORISCHES HofMUSEUM, Wien, Austria.  
Annalen, vol. 14, vol. 15, no. 1.
- WIEN UNIVERSITÄTS BIBLIOTHEK, Vienna, Austria.  
Bericht, 1899-1900.  
Inaugurationsbericht, 1900-'01.  
Personalstand, 1900-'01.  
Vorlesungsverzeichnis, Sommersem., 1900.  
Vorlesungsverzeichnis, Wintersem., 1900-'01.
- WILLE, S. (the author), Christiana, Norway.  
Algologische notizen, nos. 7 and 8.  
Nyt magazine for naturvidenskaberne, current nos.  
Studien über chlorophyten, nos. 1-7.
- WILLIAMS COLLEGE, Williamstown, Mass.  
Catalogue, 1900-'01.  
Report, 1900-'01.
- WILLOUGHBY, C. C. (the author), Cambridge, Mass.  
1 reprint.
- WINDSOR & KENFIELD PUBLISHING CO., Chicago.  
Brick, current nos.  
Street railway review, current nos. (gift).
- WISCONSIN ACADEMY OF SCIENCES, Madison, Wis.  
Transactions, vol. 12, pt. 2.
- WISCONSIN GEOLOGICAL AND NATURAL HISTORY SURVEY, Madison, Wis.  
Bulletin, nos. 3, 5 and 6.
- WISCONSIN STATE HISTORICAL SOCIETY, Madison, Wis.  
Historical collections, vol. 15.  
Proceedings of 48th meeting.
- WISCONSIN UNIVERSITY AGRICULTURAL EXPERIMENT STATION, Madison, Wis.  
Annual report, 17th.  
Bulletin, current nos.
- WORCESTER FREE PUBLIC LIBRARY, Worcester, Mass.  
Annual report, 41st.  
Bulletin, current nos.
- WRIGHT, G. F., Oberlin, Ohio.  
1 reprint.







- WÜLFING, E. A. (the author), Tübingen, Germany.  
3 pamphlets.
- WYOMING AGRICULTURAL EXPERIMENT STATION, Laramie, Wyo.  
Annual reports, 9th and 10th.  
Bulletin, current nos. (gift).
- YALE UNIVERSITY, New Haven, Conn.  
Annual report, 1899-1900.  
Catalogue, 1900-'01.  
Report of the librarian, 1899-1900.  
Report of the president, 1900-'01.
- YATES, LORENZE G. (the author), Santa Barbara, Cal.  
Resources of Santa Barbara, Cal.
- ZIMANYI, KARL (the author), Budapest, Hungary.  
4 reprints.
- ZÜRICH. BOTANISCHER GARTEN. UNIVERSITÄT ZÜRICH, Zürich,  
Switzerland.  
32 inaugural dissertations.
- ZÜRICH. GEOGRAPHISCH-ETHNOGRAPHISCHEN GESELLSCHAFT,  
Zürich, Switzerland.  
Jahresbericht, 1899-1900.
- ZÜRICH. NATURFORSCHENDE GESELLSCHAFT, Zürich, Switzerland.  
Vierteljahrschrift, vol. 45, nos. 3 and 4.

## ARTICLES OF INCORPORATION.

## STATE OF ILLINOIS.

DEPARTMENT OF STATE.

WILLIAM H. HINRICHSEN, *Secretary of State*

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETING:

Whereas, a Certificate duly signed and acknowledged having been filed in the office of the Secretary of State, on the 16th day of September, A. D. 1872, for the organization of the COLUMBIAN MUSEUM OF CHICAGO, under and in accordance with the provisions of "An Act Concerning Corporations," approved April 18, 1872, and in force July 1, 1872, and all acts amendatory thereof, a copy of which certificate is hereto attached.

Now, therefore, I, William H. Hinrichsen, Secretary of State of the State of Illinois, by virtue of the powers and duties vested in me by law, do hereby certify that the said COLUMBIAN MUSEUM OF CHICAGO is a legally organized Corporation under the laws of this State.

In Testimony Whereof, I hereto set my hand and cause to be affixed the great Seal of State. Done at the City of Springfield, this 16th day of September, in the year of our Lord one thousand eight hundred and seventy-two, and of the Independence of the United States the one hundred and eighteenth.

W. H. HINRICHSEN,

*Secretary of State*

[SEAL]

TO HON. WILLIAM H. HINRICHSEN,

SECRETARY OF STATE.

SIR:

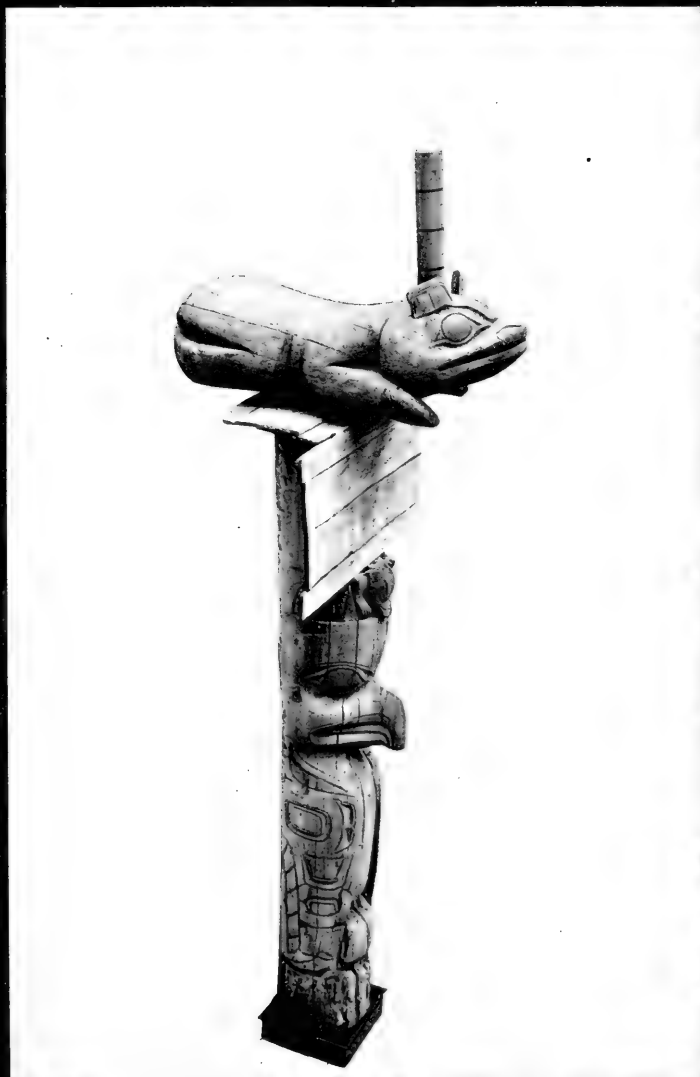
We, the undersigned citizens of the United States, propose to form a corporation to be known as the COLUMBIAN MUSEUM OF CHICAGO, in accordance with the provisions of "An Act Concerning Corporations," approved April 18, 1872, and all acts amendatory thereof, and that for the purpose of such organization we hereby state as follows, to-wit:

1. The name of such corporation is the "COLUMBIAN MUSEUM OF CHICAGO."

2. The object for which it is formed is for the accumulation and dissemination of knowledge, and the preservation and exhibition of objects illustrating Art, Archeology, Science and History.

3. The management of the aforesaid museum shall be vested in a board of FIFTEEN (15) TRUSTEES, five of whom are to be elected every year.

4. The following named persons are hereby selected as the Trustees for the first year of its corporate existence:



HAIDA MEMORIAL COLUMN, 26 FEET HIGH—FIELD COLUMBIAN MUSEUM.



Ed. E. Ayer, Charles B. Farwell, George E. Adams, George R. Davis, Charles L. Hutchinson, Daniel H. Burnham, John A. Roche, M. C. Bullock, Emil G. Hirsch, James W. Ellsworth, Allison V. Armour, O. F. Aldis, Edwin Walker, John C. Black and Frank W. Gunsaulus.

5. The location of the Museum is in the City of Chicago, County of Cook, and State of Illinois.

(Signed),

George E. Adams, C. B. Farwell, Sidney C. Eastman, F. W. Putnam, Robert McMurdy, Andrew Peterson, L. J. Gage, Charles L. Hutchinson, Ebenezer Buckingham, Andrew McNally, Edward E. Ayer, John M. Clark, Herman H. Kohlsaas, George Schneider, Henry H. Getty, William R. Harper, Franklin H. Head, E. G. Keith, J. Irving Pearce, Azel F. Hatch, Henry Wade Rogers, Thomas B. Bryan, L. Z. Leiter, A. C. Bartlett, A. A. Sprague, A. C. McClurg, James W. Scott, Geo. F. Bissell, John R. Walsh, Chas. Fitzsimons, John A. Roche, E. B. McCagg, Owen F. Aldis, Ferdinand W. Peck, James H. Dole, Joseph Stockton, Edward B. Butler, John McConnell, R. A. Waller, H. C. Chatfield-Taylor, A. Crawford, Wm. Sooy Smith, P. S. Peterson, John C. Black, Jno. J. Mitchell, C. F. Gunther, George R. Davis, Stephen A. Forbes, Robert W. Patterson, Jr., M. C. Bullock, Edwin Walker, Geo. M. Pullman, William E. Curtis, James W. Ellsworth, William E. Hale, Wm. T. Baker, Martin A. Ryerson, Huntington W. Jackson, N. B. Ream, Norman Williams, Melville E. Stone, Bryan Lathrop, Eliphalet W. Blatchford, Philip D. Armour.

STATE OF ILLINOIS, }  
COOK COUNTY. } ss.

I, G. R. MITCHELL, a NOTARY PUBLIC in and for said County, do hereby certify that the foregoing petitioners personally appeared before me and acknowledged severally that they signed the foregoing petition as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this 14th day of September, 1893.

G. R. MITCHELL,

[SEAL]

NOTARY PUBLIC, COOK COUNTY, ILL.

#### CHANGE OF NAME.

Pursuant to a resolution passed at a meeting of the corporate members held the 25th day of June, 1894, the name of the COLUMBIAN MUSEUM was changed to FIELD COLUMBIAN MUSEUM. A certificate to this effect was filed June 26th, 1894, in the office of the Secretary of State for Illinois.

## AMENDED BY-LAWS.

(JANUARY 20, 1920.)

### ARTICLE I.

#### MEMBERS.

SECTION 1. Members shall be of five classes, Annual Members, Corporate Members, Life Members, Patrons and Honorary Members.

SEC. 2. Annual members shall consist of such persons as are selected from time to time by the Board of Trustees at any of its meetings, and who shall pay an annual fee of ten dollars (\$10.00), payable within thirty days after notice of election, and within thirty days after each recurring annual date. The failure of any person to make such initiatory payment and such annual payments within said time shall, at the option of the Board of Trustees, be ground of forfeiture of annual membership.

This said annual membership shall entitle the member to:

*First.* Free admittance for himself and family to the Museum on any day.

*Second.* Ten tickets every year admitting the bearer to the Museum on pay days.

*Third.* A copy of every publication of the Museum sold at the entrance door, and to the annual reports.

*Fourth.* Invitations to all receptions, lectures or other entertainments which may be given at the Museum.

SEC. 3. The corporate members shall consist of the persons named in the articles of association, and of such other persons as shall be chosen from time to time by the Board of Trustees at any of its meetings, upon the recommendation of the Executive Committee; provided, that such persons named in the articles of association shall, within ninety days from the adoption of these By-Laws, and persons hereafter chosen as corporate members, shall, within ninety days of their respective election, pay into the treasury the sum of twenty dollars (\$20.00) or more. The failure of any person to make such payments within said time shall, at the option of the Board of Trustees, be ground for forfeiture of his corporate membership. The annual dues of corporate members shall be five dollars (\$5.00) after the first year of membership, and no one shall exercise the rights of a corporate member until his dues are paid; and a delinquency of six months in the payment of annual dues shall be ground for forfeiture of corporate membership. Corporate Members becoming Life Members, Patrons or Honorary Members shall be exempt from dues.

SEC. 4. Any person paying into the treasury the sum of five hundred dollars at any one time shall, upon the unanimous vote of the trustees, become a life member. Life members shall be exempt from all dues.



SEC. 5. Patrons shall be chosen by the Board of Trustees, upon recommendation of the Executive Committee, from among persons who have rendered eminent service to the Museum. They shall be exempt from all dues, and, by virtue of their election as patrons, shall also be corporate members.

SEC. 6. Honorary members shall be chosen from among persons who have rendered eminent service to science, art or mechanics. They shall be chosen by a vote of the Trustees, and only upon unanimous nomination of the Executive Committee. They shall be exempt from all dues. In commemoration of the 14th day of October, honorary members shall not be more than fourteen in number at any one time.

SEC. 7. All members of whatever class shall be eligible to appointment upon committees other than the Executive Committee.

## ARTICLE II.

### OFFICERS.

SECTION 1. The respective members of the Board of Trustees now in office, and those who shall hereafter be elected, shall hold office during life. Vacancies occurring in the Board shall be filled by a majority vote of the remaining members of the Board of Trustees at any regular meeting.

SEC. 2. The other officers shall be President, two Vice-Presidents, Secretary and Treasurer, and an Executive Committee of four persons, who shall be chosen by ballot by the Board of Trustees from their own number as early as practicable after the annual meeting in each year. The President shall be *ex-officio* a member of the Executive Committee and Chairman thereof, in addition to the other four members. The Secretary and Treasurer may, or may not, be the same person, and the Secretary may, or may not, be a corporate member.

Any officer may be removed at any regular meeting of the Board of Trustees by a vote of two-thirds of all the members of the Board. Vacancies in any office may be filled by the Board at any meeting.

SEC. 3. The President shall appoint from among the Trustees a Committee on Finance, a Committee on Property, an Auditing Committee, and a Committee on Buildings and Grounds, who shall serve during the pleasure of the Board.

SEC. 4. The officers shall perform such duties as ordinarily appertain to their respective offices, and such other duties as the Board of Trustees may from time to time devolve upon them. The Treasurer shall give bond in such amount and with such surety as shall be approved by the Executive Committee, and shall disburse the funds of the Museum only in accordance with the directions of the Executive Committee, upon the signature and counter-signature of such officers as the Executive Committee shall empower thereto.

SEC. 5. The Executive Committee shall have full control of the affairs of the Museum, under the general supervision of the Board of Trustees.

## ARTICLE III.

### MEETINGS.

SECTION 1. In commemoration of the discovery of America by Christopher Columbus, the annual meeting of the corporate members shall be held on the 14th day of October in each year, except when that day falls on a Sunday, and then

upon the Monday following. At such meetings the corporate members shall transact such business as may properly come before the meeting. Special meetings of the corporate members shall be called at any time by the Secretary upon written request of twenty corporate members. In such case, thirty days' notice by mail shall be given to corporate members of the time, place and purpose of such meetings.

SEC. 2. Regular meetings of the Board of Trustees shall be held upon the 14th day of October, except when that day falls on a Sunday, and then upon the Monday following, and upon the last Monday of January, April and July of each year. Special meetings may be called by the President at any time upon reasonable notice by mail, and shall be called upon the written request of three Trustees. Five Trustees shall constitute a quorum, but meetings may be adjourned by any less number from day to day or to a day fixed.

#### ARTICLE IV.

##### AMENDMENTS.

SECTION 1. These By-Laws may be amended at any regular meeting of the Trustees by a two-thirds vote of all the members present, provided the amendment shall have been proposed at the last regular meeting preceding, or shall be recommended by the Executive Committee.





FIELD COLUMBIAN MUSEUM.

## HONORARY MEMBERS.

EDWARD E. AYER

HARLOW N. HIGINBOTHAM

CHARLES B. CORY

DECEASED.

MARY D. STURGES

---

## PATRONS.

ALLISON V. ARMOUR

FREDERICK W. PUTNAM

WILLIAM I. BUCHANAN

FREDERICK J. V. SKIFF

WILLARD A. SMITH

## CORPORATE MEMBERS.

ADAMS, GEORGE E.  
ALDIS, OWEN F.  
ARMOUR, ALLISON V.  
AYER, EDWARD E.

BAKER, WILLIAM T.  
BARTLETT, A. C.  
BLACK, JOHN C.  
BLAIR, WATSON F.  
BLATCHFORD, ELIPHALET W.  
BUCHANAN, W. I.  
BUCKINGHAM, EBENEZER  
BURNHAM, DANIEL H.  
BUTLER, EDWARD B.

CHALMERS, W. J.  
CHATFIELD-TAYLOR, H. C.  
CLARK, JOHN M.  
CURTIS, WILLIAM E.

EASTMAN, SYDNEY C.  
ELLSWORTH, JAMES W.

FITZSIMONS, CHARLES

GAGE, LYMAN J.  
GETTY, HENRY H.  
GUNSAULUS, FRANK W.  
GUNTHER, C. F.

HARPER, WILLIAM R.  
HATCH, GAZEL F.  
HEAD, FRANKLIN H.  
HIGINBOTHAM, H. N.  
HUTCHINSON, CHARLES L.

JONES, ARTHUR B.  
KEITH, E. G.  
KOHLSAAT, HERMAN H.

LATHROP, BRYAN  
LEITER, L. Z.

McCAGG, E. B.  
McCONNELL, JOHN  
McCORMICK, CYRUS H.  
McNALLY, ANDREW  
MANIERRE, GEORGE  
MITCHELL, JOHN J.

PATTERSON, ROBERT W.  
PEARCE, J. IRVING  
PECK, FERD. W.  
PETERSON, P. S.  
PUTNAM, FREDERICK W.

REAM, NORMAN B.  
RYERSON, MARTIN A.

SCHNEIDER, GEORGE  
SKIFF, F. J. V.  
SMITH, BYRON L.  
SMITH, WILLARD A.  
SPRAGUE, A. A.  
STOCKTON, JOSEPH  
STONE, MELVILLE E.

WALKER, EDWIN  
WALSH, JOHN R.

---

 DECEASED.

ARMOUR, PHILIP D.  
BISELL, GEORGE F.  
CRAWFORD, ANDREW  
DAVIS, GEORGE R.  
HALE, WILLIAM E.  
JACKSON, HUNTINGTON W.

McCLURG, A. C.  
PETERSON, ANDREW  
PULLMAN, GEORGE M.  
SCOTT, JAMES W.  
WALLER, R. A.  
WILLIAMS, NORMAN

## LIFE MEMBERS.

*By the payment of five hundred dollars.*

ADAMS, GEORGE E.  
ALDIS, OWEN F.

BLAIR, CHAUNCEY J.  
BARTLETT, A. C.  
BARRETT, MRS. A. D.  
BARRETT, ROBERT L.  
BARRETT, S. E.  
BOOTH, W. VERNON  
BURNHAM, D. H.  
BUTLER, EDWARD B.

CARTER, JAMES S.  
CARTON, L. A.  
CHALMERS, WILLIAM J.  
COOPER, FRANK H.  
CRANE, R. T.

DEERING, CHARLES  
DRAKE, TRACY C.

FARWELL, WALTER  
FAY, C. N.  
FIELD, STANLEY  
FULLER, WILLIAM A.

GARTZ, A. F.  
GRISCOM, CLEMENT A.  
GROMMES, JOHN B.

HAMILL, ERNEST A.  
HEALY, P. J.  
HIBBARD, W. G.  
HILL, LOUIS W.  
HUGHITT, MARVIN  
HUTCHINSON, C. L.

INGALLS, M. E. [PORTER  
ISHAM, MRS. KATHERINE

JOHNSON, M.D., FRANK S.  
JOHNSON, MRS. ELIZABETH  
JONES, ARTHUR B. [AYER

KEITH, ELBRIDGE G.  
KIMBALL, W. W.  
KING, FRANCIS  
KING, JAMES C.  
KIRK, WALTER RADCLIFFE

LAWSON, VICTOR F.

McCORMICK, MRS.  
McCORMICK, CYRUS H.  
McCORMICK, HAROLD F.  
McNALLY, ANDREW  
MACKAY, JOHN W.  
MacVEAGH, FRANKLIN  
MITCHELL, J. J.  
MURDOCH, THOMAS

NEWELL, A. B.

ORR, ROBERT M.

PEARSONS, D. K.  
PIKE, EUGENE S.  
PORTER, GEORGE T.  
PORTER, H. H.  
PORTER, JR., H. H.

REAM, MRS. CAROLINE P.  
REAM, NORMAN B.  
REVELL, ALEX. H.  
RUSSELL, EDMUND A.  
RYERSON, MRS. CARRIE H.  
RYERSON, MARTIN A.

SCHLESINGER, LEOPOLD  
SCHNEIDER, GEORGE  
SCOTT, ROBERT S.  
SEAVERN, GEORGE A.  
SHERMAN, JOHN B.  
SINGER, C. G.  
SMITH, BYRON L.  
SMITH, ORSON  
SPRAGUE, A. A.  
SPRAGUE, OTHO S. A.  
STUDEBAKER, CLEM.  
STURGES, GEORGE

THORNE, GEORGE R.  
TREE, LAMBERT

WELLING, JOHN C.  
WELLS, M. D.  
WILLARD, ALONZO J.  
WOLFF, LUDWIG

## ANNUAL MEMBERS.

- ADAMS, CYRUS H.  
 ADAMS, MILWARD  
 ALLERTON, ROBERT H.  
 ALLERTON, MRS. S. W.  
 AMBERG, WILLIAM A.  
 ARMOUR, GEORGE A.  
 BAILEY, EDWARD P.  
 BAKER, SAMUEL  
 BANGA, DR. HENRY  
 BARNES, CHARLES J.  
 BARNHART, ARTHUR M.  
 BARRELL, JAMES  
 BATCHELLER, W.  
 BEAUVAIS, E. A.  
 BECKER, A. G.  
 BEIDLER, FRANCIS  
 BELDEN, J. S.  
 BILLINGS, C. K. G.  
 BILLINGS, DR. FRANK  
 BIRKHOFF, GEORGE, JR.  
 BLACKMAN, W. L.  
 BLAIR, HENRY A.  
 BLAINE, MRS. EMMONS  
 BOAL, CHARLES T.  
 BONNEY, CHARLES C.  
 BOOTH, A.  
 BOTSFORD, HENRY  
 BOUTON, C. B.  
 BOUTON, N. S.  
 BRADWELL, JAMES B.  
 BRAUN, GEORGE P.  
 BREGA, CHARLES W.  
 BREMNER, DAVID F.  
 BROOKS, JAMES C.  
 BROWN, GEORGE F.  
 BROWN, WILLIAM L.  
 BURLEY, CLARENCE A.  
 BURLEY, FRANK E.  
 CABLÉ, R. R.  
 CARPENTER, A. A.  
 CARPENTER, MYRON J.  
 CHANDLER, FRANK R.  
 CHAPPELL, C. H.  
 CLARK, JONATHAN  
 COMSTOCK, WILLIAM C.  
 CONKLING, ALLEN  
 CONOVER, CHARLES H.  
 COOLBAUGH, MRS. ADDIE R.  
 COOLIDGE, CHARLES  
 COONLEY-WARD, MRS. L. A.  
 CORWITH, CHARLES R.  
 COWAN, W. P.  
 COX, ALFRED J.  
 CRANE, CHARLES R.  
 CUDAHY, JOHN  
 CULVER, MRS. CHARLES E.  
 CUMMINGS, E. A.  
 CURTIS, D. H.  
 DAL, DR. JOHN W.  
 DAY, A. M.  
 DAY, CHAPIN A.  
 DEAN, THAD.  
 DEERING, JAMES  
 DEERING, WILLIAM  
 DELANO, F. A.  
 DEMMLER, K.  
 DILLMAN, L. M.  
 DODGE, G. E. P.  
 DUMMER, W. F.  
 DUNHAM, MISS M. V.  
 DURAND, ELLIOT  
 DWIGHT, JOHN H.  
 EDWARDS, J. A.  
 EDMUNDS, ABRAHAM  
 EISENDRATH, W. N.  
 EMMERICH, CHARLES  
 FAIR, R. M.  
 FARNSWORTH, GEORGE  
 FISCHER, FREDERICK  
 FLANNERY, JOHN L.  
 FORSYTH, ROBERT  
 FRANK, HENRY L.  
 FRANK, MAX  
 FRASHER, JOHN E. L.  
 FREYTAG, MORITZ  
 FULLER, O. F.  
 FURST, CONRAD  
 GATES, J. W.  
 GAYLORD, FREDERICK  
 GIFFORD, C. E.  
 GIFFORD, I. CUSHMAN  
 GLESSNER, J. J.  
 GOODRICH, A. W.



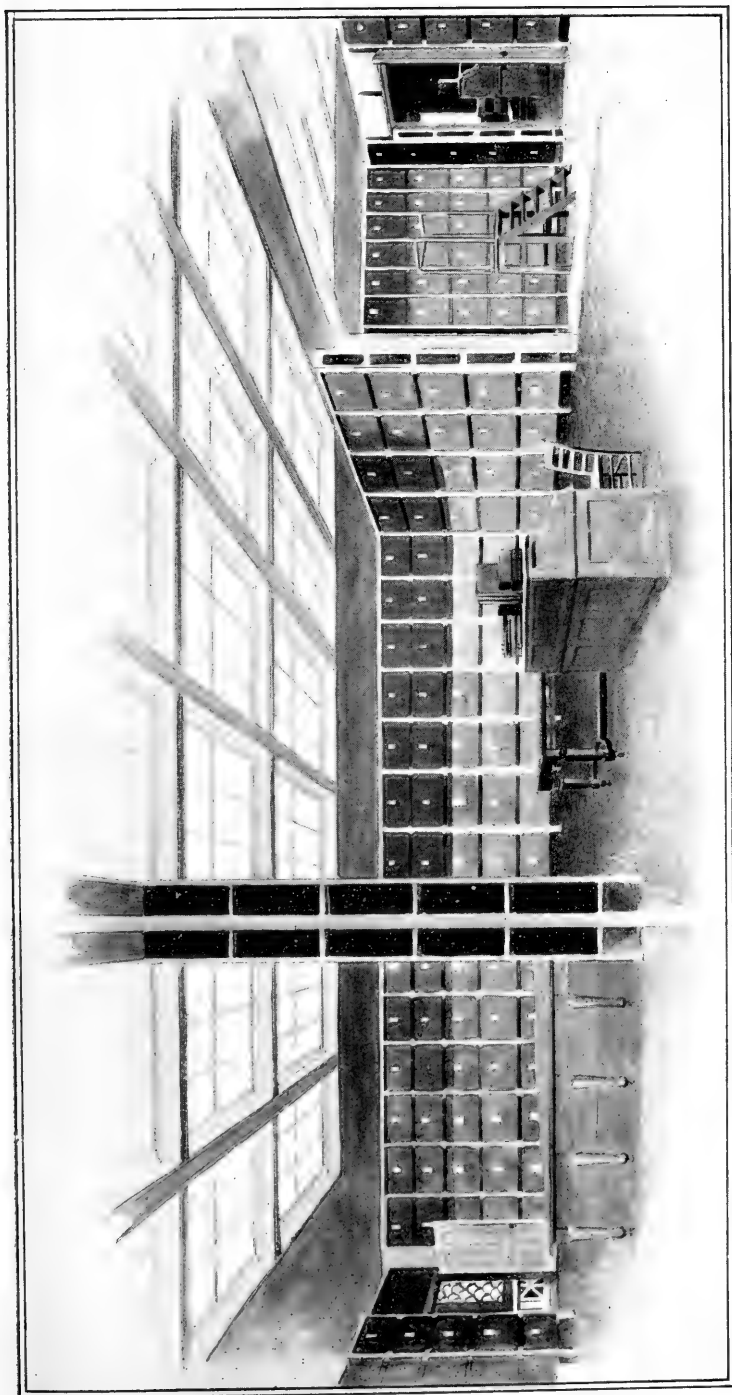




GORDON, EDWARD K.  
GRAHAM, E. R.  
GREEN, E. H. R.  
GREY, CHARLES F.  
GREY, WILLIAM L.  
GRIFFIN, T. A.  
GUION, GEORGE MURRAY  
GURLEY, W. W.  
HAMILTON, I. K.  
HANECY, ELBRIDGE  
HANSON, DAVID N.  
HARDING, AMOS J.  
HARRIS, GEORGE B.  
HARRIS, JOHN F.  
HARRIS, N. W.  
HASKELL, FREDERICK T.  
HEATH, ERNEST W.  
HELMER, FRANK A.  
HERTLE, LOUIS  
HINES, EDWARD  
HITCHCOCK, R. M.  
HOLDOM, JESSE  
HOLT, GEORGE H.  
HOPKINS, JOHN P.  
HORNOR, ISAAC  
HOSKINS, WILLIAM  
HOUGHTLING, JAMES L.  
HUTCHINSON, MRS. B. P.  
INGALLS, E. FLETCHER  
INSULL, SAMUEL  
ISHAM, EDWARD S.  
JEFFERY, THOMAS B.  
JENKINS, GEORGE H.  
JONES, J. S.  
KAMMERER, F. G.  
KEEFER, LOUIS  
KEENE, JOSEPH  
KEEP, ALBERT  
KEITH, W. SCOTT  
KELLEY, WILLIAM E.  
KENT, WILLIAM  
KIMBALL, EUGENE S.  
KIMBALL, MRS. MARK  
KIRCHBERGER, S. E.  
KOEHLER, THOMAS N.  
LAFLIN, ALBERT S.  
LAFLIN, GEORGE H.  
LAMB, FRANK H.  
LAWSON, VICTOR F.

LAY, A. TRACY  
LEE, WALTER H.  
LEFENS, THIES J.  
LEIGH, EDWARD B.  
LEITER, JOSEPH  
LINCOLN, ROBERT T.  
LINN, W. R.  
LLOYD, EVAN  
LOEWENTHAL, B.  
LOGAN, F. G.  
LOMBARD, JOSIAH L.  
LORD, J. B.  
LOWDEN, FRANK O.  
LOWTHER, THOMAS D.  
LYON, THOMAS R.  
LYTTON, HENRY C.  
McCREA, W. S.  
McGUIRE, REV. H.  
McLENNAN, J. A.  
McWILLIAMS, LAFAYETTE  
McFARLAND, HENRY J.  
MAGEE, HENRY W.  
MANSON, WILLIAM  
MANSURE, E. L.  
MARKWALD, LIEUT. ERNST  
MARSHALL, GEORGE E.  
MAY, FRANK E.  
MAYER, DAVID  
MAYER, LEVY  
MEAD, W. L.  
MERRICK, L. C.  
MERRYWEATHER, GEORGE  
MEYER, MRS. M. A.  
MILLER, CHARLES P.  
MILLER, JOHN S.  
MILLER, THOMAS  
MIXER, C. H. S.  
MOORE, L. T.  
MOORE, N. G.  
MORRIS, EDWARD  
MORRIS, IRA  
MORRIS, NELSON  
MORRISSON, JAS. W.  
MULLIKEN, A. H.  
MULLIKEN, CLARENCE H.  
NATHAN, ADOLPH  
NOLAN, JOHN H.  
NORTON, O. W.  
NOYES, LA VERNE W.  
OEHNE, THEODORE

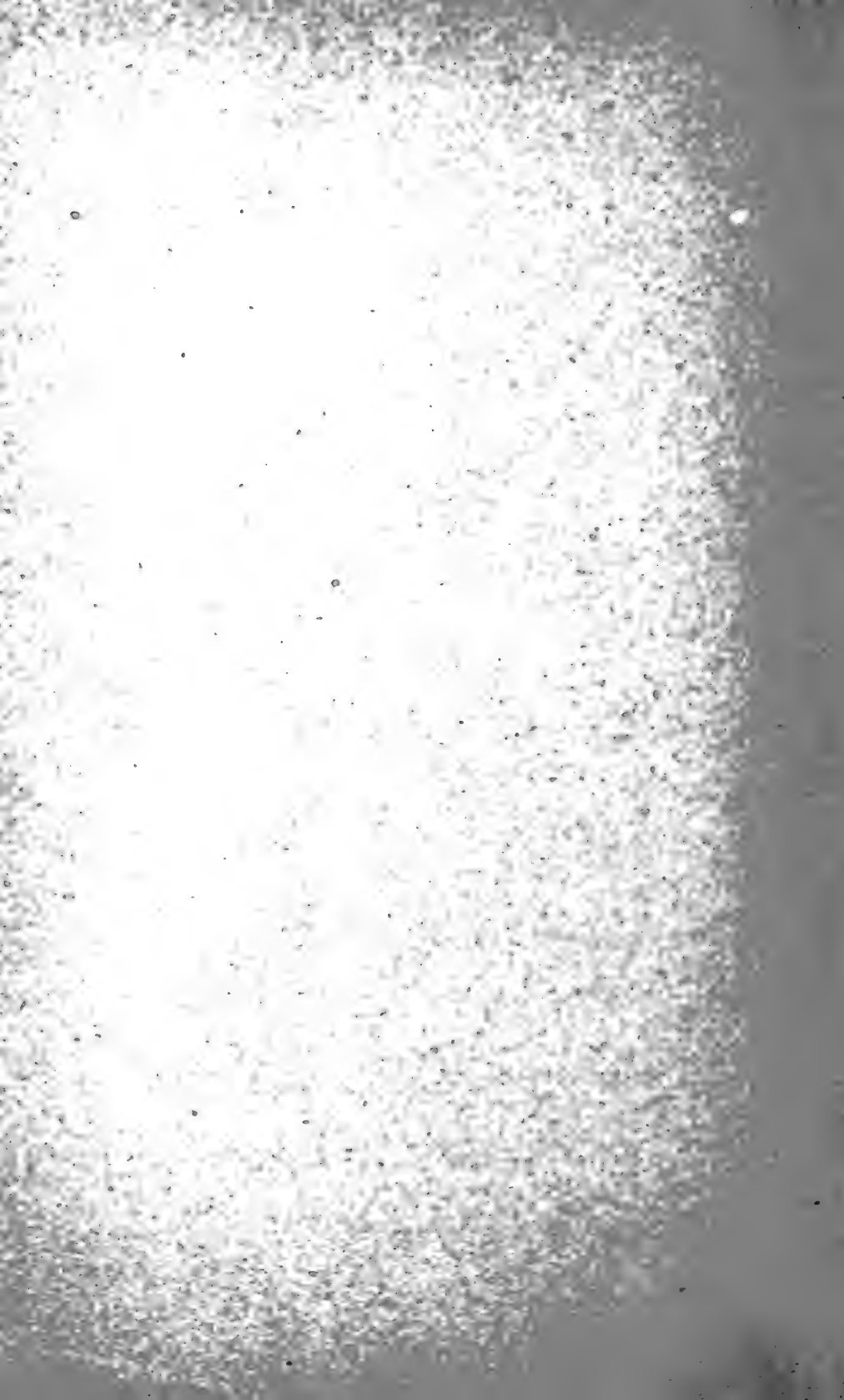
- ORB, JOHN A.  
 ORTSEIFEN, ADAM  
 OSBORN, HENRY A.  
  
 PALMER, MILTON J.  
 PALMER, PERCIVAL B.  
 PARKER, FRANCIS W.  
 PATTERSON, W. R.  
 PEARSON, EUGENE H.  
 PECK, CLARENCE I.  
 PECK, GEORGE R.  
 PERRY, LEWIS S.  
 PETERS, HOMER H.  
 PETERSEN, GEORGE L.  
 PETERSON, WM. A.  
 PIETSCH, C. F.  
 PINKERTON, W. A.  
 POND, IRVING K.  
 POPE, MRS. CHARLES B.  
 PORTER, MRS. JULIA F.  
 PORTER, WASHINGTON  
  
 RABER, P. W.  
 RANDALL, THOMAS D.  
 RAYNER, JAMES B.  
 REHM, JACOB  
 REID, W. H.  
 REW, HENRY C.  
 RIPLEY, E. P.  
 ROBINSON, J. K.  
 ROSENBAUM, JOSEPH  
 ROSENFELD, MAURICE  
 ROSENTHAL, OSCAR  
 RUMSEY, GEORGE D.  
 RUNNELLS, J. S.  
 RYERSON, MRS. MARTIN A.  
  
 SCHAFFNER, JOSEPH  
 SCHMIDT, DR. O. L.  
 SCHMITT, ANTHONY  
 SCHWARTZ, G. A.  
 SEARS, JOSEPH  
 SEIPP, MRS. C.  
 SEIPP, W. C.  
 SELFRIDGE, HARRY G.  
 SELLERS, FRANK H.  
 SELZ, MORRIS  
 SHEDD, JOHN G.  
 SHERWOOD, H. M.  
 SHIPMAN, DANIEL B.  
 SHORTALL, JOHN G.  
 SKINNER, THE MISSES  
 SMITH, F. B.  
 SMITH, JOHN C.  
 SMITH, O. C.  
  
 SNOW, MISS HELEN E.  
 SOPER, JAMES P.  
 SOUTHWELL, H. E.  
 SPENCE, MRS. ELIZABETH E.  
 SPOOR, J. A.  
 STANLEY, FRANK W.  
 STEELE, HENRY B.  
 STILES, JOSIAH  
 STOCKTON, JOHN T.  
 STRAUS, SIMON  
 STUART, ROBERT  
 SWIFT, G. F.  
  
 TEMPLETON, THOMAS  
 TILTON, MRS. L. J.  
 TOBEY, FRANK B.  
 TRIPP, C. E.  
 TRUDE, A. S.  
 TRUMBULL, PERRY  
 TURNER, E. A.  
 TYSON, RUSSELL  
  
 UHLEIN, EDWARD G.  
 UNZICKER, OTTO  
 VIERLING, ROBERT  
  
 WACKER, CHARLES H.  
 WALKER, GEORGE C.  
 WALKER, JAMES R.  
 WALKER, WILLIAM B.  
 WALLER, EDWARD C.  
 WARNER, EZRA J.  
 WEBSTER, GEORGE H.  
 WELLS, B. D.  
 WHEELER, CHARLES W.  
 WHITE, A. STAMFORD  
 WHITEHEAD, W. M.  
 WHITEHOUSE, FRANCIS M.  
 WICKES, T. H.  
 WILLIAMS, SIMEON B.  
 WILLING, MRS. HENRY J.  
 WILSON, E. C.  
 WILSON, M. H.  
 WING, DR. ELBERT  
 WINK, HENRY  
 WOLF, FRED W.  
 WOOD, S. E.  
 WOODCOCK, LINDSAY T.  
 WOOSTER, CLARENCE K.  
  
 YERKES, CHARLES T.  
  
 DECEASED.  
 JANES, JOHN J.  
 MOORE, SILAS M.



OFFICE AND LABORATORY OF CURATOR OF THE DEPARTMENT OF ZOOLOGY—FIELD COLUMBIAN MUSEUM.



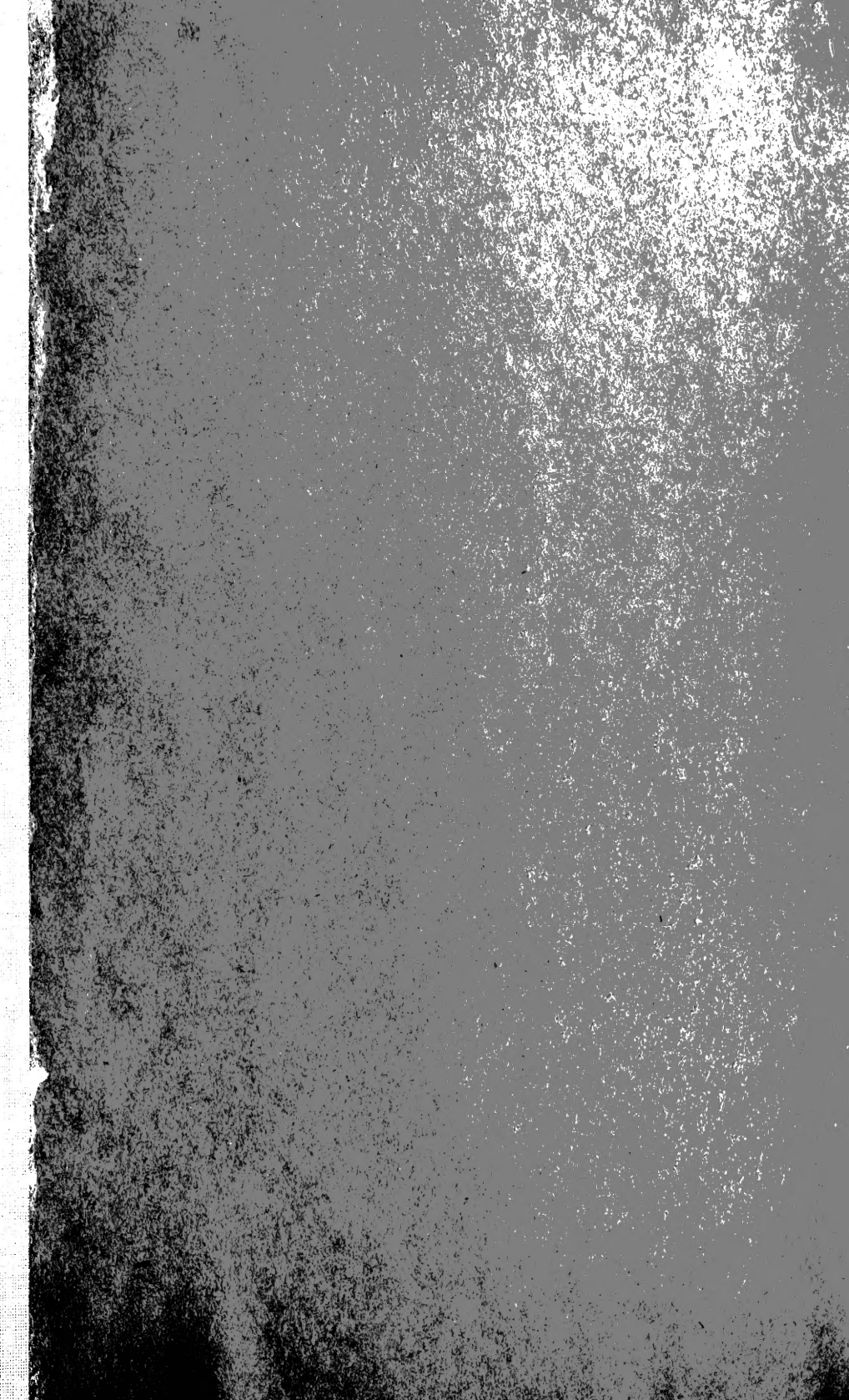


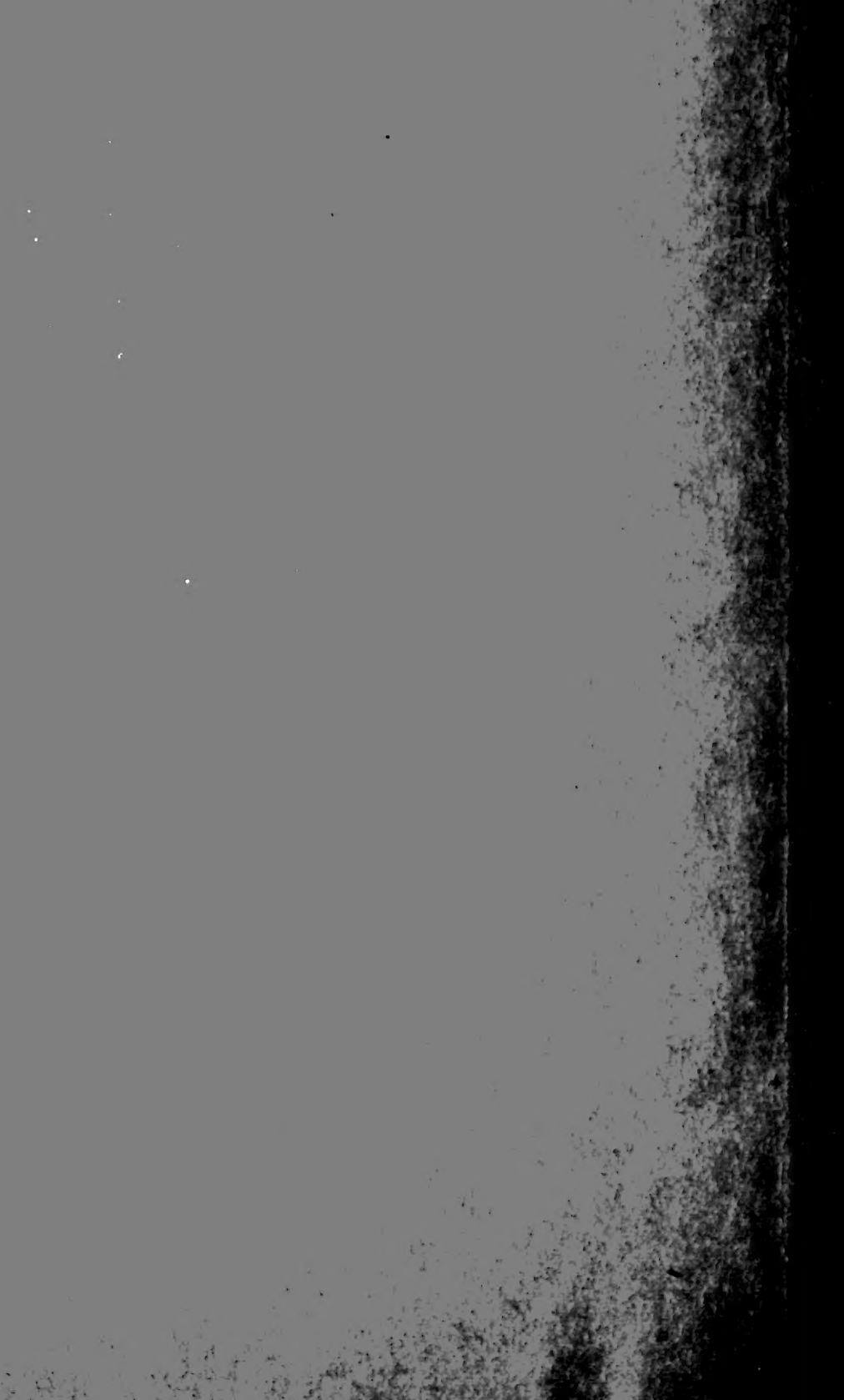














NEW YORK NY 10011



3 0112 004463698