

THE BROOKLYN INSTITUTE
OF ARTS AND SCIENCES.
1901-1902

THE
FOURTEENTH YEAR BOOK
OF
THE BROOKLYN INSTITUTE
OF ARTS AND SCIENCES.

FOUNDED 1824.
RE-CHARTERED 1824, 1843, 1862.
THE PRESENT CHARTER GRANTED IN 1890.
1901-1902.

CONTAINING
THE NAMES OF THE OFFICERS AND OF MEMBERS,
COPIES OF THE CONSTITUTION AND BY-LAWS,
A BRIEF HISTORY OF THE INSTITUTE, AN
ACCOUNT OF THE WORK OF 1901-1902,
AND A COPY OF THE LAWS RE-
LATING SPECIFICALLY TO
THE CORPORATION.

"For the People, by the People."

BROOKLYN:
PUBLISHED BY THE INSTITUTE.
1902.



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OF ARTS AND SCIENCES.

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same for the Museums, the accounts of which are kept entirely separate from the Institute Account.

The Director submitted an Annual Report on the work and needs of the Institute, large portions of which are included in the foregoing accounts of the work of the year.

THE BIOLOGICAL LABORATORY.

[Located at Cold Spring Harbor, L. I.]

BOARD OF MANAGERS.

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- ALBERT FRANCIS BLAKESLEE, A.M., Harvard University. *Assisting in Botany.*
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PERSONS, OTHER THAN INSTRUCTORS, ENGAGED IN RESEARCH.

- HENRY EDGERTON CHAPIN, M.S. (Michigan Agricultural and Mechanical College), Teacher, New York City High Schools, Richmond Hill, L. I. *Zoölogy.*
- JAMES H. EMERTON, Arachnologist and Artist, Boston, Mass. *Arachnida.*
- FRANK EUGENE LUTZ, A.M. (University of Chicago), Assistant in Zoölogy, The University of Chicago. *Zoölogy.*
- CLAYTON AMOS PETERS, B.S., M.S. (University of Michigan), Teacher, Polytechnic Institute, Brooklyn. *Botany.*
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- FORREST SHREVE, A.B. (Johns Hopkins University), Graduate Student, Johns Hopkins University, Baltimore. *Botany.*
- MABEL ELIZABETH SMALLWOOD, Teacher of Biology, High School, 430 W. Adams Street, Chicago. *Variation.*
- CHARLES ZELENY, M.S. (University of Minnesota), Graduate Student, Columbia University. *Zoölogy.*

STUDENTS IN THE SEVERAL COURSES.

- HELEN JAQUES ATKIN, A.B. (Rutgers Female College), Cataloguer, Museum of Brooklyn Institute. *Zoölogy 1, Botany 2.*
- LULU FLORENCE ALLABACH, A.M. (Dickinson College), Science Teacher in State Normal School, Lock Haven, Pa. *Zoölogy 2, Zoölogy 3.*
- HELEN WRIGHT ANDREWS (Diploma, Framingham Normal School, Mass.), Teacher, Bryn Mawr School for Girls, Baltimore, Md. *Nature Study.*
- BENJAMIN CLYDE BARNARD, PH.B. (Wooster College), Teacher, Geneva College, Beaver Falls, Pa. *Botany 1.*
- MARY MORRILL BRACKETT, A.B. (Columbia University), Secretary, Wadleigh High School, New York City. *Botany 1.*
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- ANNA FLORENCE CLAFLIN (Diploma, Framingham Normal School, Mass.), Teacher, Froebel School, West Newton, Mass. *Nature Study.*
- EDITH ALLERTON CLAFLIN (Diploma, Framingham Normal School, Mass.), Teacher, Bryn Mawr School, Baltimore, Md. *Nature Study.*
- FRANCIS WILLIAM COKER, A.B. (University of North Carolina and Harvard University), Student, Harvard University, Darlington, S. C. *Botany 1.*
- ESTHER LAMB COX, B.S. (Swarthmore College), 1516 Linden Avenue, Baltimore, Md. *Botany 1.*
- SUSAN MARIA CUTTER, Teacher, Montclair, N. J. *Nature Study.*
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- LIDA STANISBURY ECKEL, Teacher of Botany and Zoölogy, Western High School, Baltimore. *Zoölogy 1.*

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- JAMES STEWART GRIM, A.M. (Lafayette College), Teacher, Kutztown, Pa. *Zoölogy* 2, *Botany* 1.
- SARAH HAVENS HARLOW, B.S. (Wellesley); A.M. (Columbia), Teacher, 303 La Grande avenue, Plainfield, N. J. *Zoölogy* 2, *Nature Study*.
- MARIANNE HARDCASTLE (Diploma, Maryland Normal School), Teacher, High School, Centreville, Md. *Botany* 2, *Ecology*.
- DAVENPORT HOOKER, Student, Polytechnic Institute, 341 Adelphi street, Brooklyn, N. Y. *Zoölogy* 1.
- LOUIS HUSSAKOF, B.S. (College City of New York), Teacher, Public Schools, New York City, 111 Division street, New York. *Zoölogy* 1, *Zoölogy* 2.
- MARY E. G. LENTZ, A.B. (Woman's College, Baltimore), Teacher, Russell School, Baltimore. *Botany* 1.
- HELEN AMANDA MCCAULEY (Diploma, Maryland Normal School), Principal, Graded School, Leeds, Cecil Co., Maryland. *Botany* 2, *Nature Study*.
- AGNES TERESA MARONEY, A.B. (Boston University), Teacher, 52 Collins street, Lynn, Mass. *Botany* 1, *Botany* 2.
- CHARLES FRANCIS MORSE, A.B.; M.D. (Harvard College), Teacher, DeWitt Clinton High School, New York. *Zoölogy* 1, *Zoölogy* 2.
- MARIAN THOMPSON MORSE, Director Grace Church Free Kindergarten, Baltimore. *Nature Study*.
- IDA NEUMAN, Teacher, Eastern High School, Baltimore. *Zoölogy* 1, *Microscopic Method*.
- CLAYTON AMOS PETERS, B.S., M.S. (University of Michigan), Teacher, Polytechnic Institute. *Zoölogy* 1, *Botany research*.
- FRANK OSBORN RISHER, A.B. (Lafayette College), Student, Johns Hopkins Medical School, Baltimore, Md. *Botany* 3.
- ELIZABETH WOLLE RONDTHALER (Diploma, Moravian Seminary, Bethlehem), Teacher, Moravian Seminary, Bethlehem, Pa. *Botany* 1.
- MARY HELEN SHED, 27 Fountain street, Roxbury, Mass. *Zoölogy* 1, *Botany* 1.
- JAMES MONROE SHELLEY, Student at Lafayette College, Easton, Pa. *Botany* 3.

- ELLA EUGENIA STANISBURY, Teacher, West Arlington, Baltimore, Md.
Botany 1.
- JOSEPH FRED STEELE, Student at Lafayette College, Easton, Pa.
Zoölogy 1, Botany 1.
- JAMES PALM STOKER, S.B., S. M. (Bucknell University), Instructor
in Science, Albright College, Myerstown, Pa. *Zoölogy 2, Botany*
3.
- EDNA LIVINGSTON STONE, A.B. (Woman's College, Baltimore),
Teacher, 1618 Rhode Island avenue, Washington, D. C. *Botany*
- JOHN FRANKLIN THOMPSON, B.S. (Hillsdale College), Teacher of
Botany, Richmond (Indiana) High School. *Zoölogy 1.*
- JOHN DUTTON WRIGHT, A.B., A.M. (Amherst College), Teacher, 42
West 76th Street, New York. *Zoölogy 1, Zoölogy 2.* ..

COURSES OF INSTRUCTION.

- I. "High School Zoölogy," under Prof. CHARLES B. DAVENPORT, PH.D.
- II. "Comparative Anatomy," under Prof. HENRY S. PRATT, PH.D.
- III. "Embryology," under Prof. C. P. SIGERFOOS, PH.D.
- IV. "Animal Bionomics and Variation," under Prof. CHARLES B. DAVENPORT, PH.D.
- V. "Cryptogamic Botany," under Prof. D. S. JOHNSON, PH.D.
- VI. "Ecology of Plants," under Mr. S. M. COULTER.
- VII. Seminar in "Ecology," under Mr. COULTER.
- VIII. "Bacteriology," under Prof. NELSON F. DAVIS, SC.M.
- IX. "Microscopic Methods," under Mrs. GERTRUDE C. DAVENPORT, S.B.
- X. "Nature Study," under Prof. ROY S. RICHARDSON, PH.M.

INVESTIGATION.

The laboratory is able to offer to investigators fifteen rooms, situated in a special building, for which the laboratory

is indebted to Mrs. Oliver L. Jones. The charge for a private room is \$50 for the season. Beginners in Investigation will receive assistance from the instructors in Zoölogy and Botany.

THE MUSEUM.

REPORT ON THE ART DEPARTMENT.

The progress which has been made during the year by the Art Department of the Museum is best reported by the list of loans, accessions and gifts.

Among these gifts is one which initiates the policy of procuring a representative exhibit for contemporary American painting. Still another, materially assists the foundation of a photograph Museum. Another gift places the Museum among the foremost of American institutions in its exhibits of European china. Another gift has so supplemented the fine collection of ancient glass, that it now has only one superior in this country.

The systematic development of a consecutive and balanced exhibit for the entire field of Art History, as far as represented by casts, is hoped for after the completion of the new section of the Museum building.

Meantime the instruction in the consecutive evolution of the history of civilization, which it is the principal mission of a Museum of Art History to furnish, is assisted by a systematically arranged series of lectures, moving in sequence from the earliest to the latest period of Art History. This course, which covers four years, will reach its fourth and last stage during the coming season and will probably be repeated.

WILLIAM H. GOODYEAR,
Curator.