

**GUIDE TO THE**  
**MANUSCRIPT COLLECTIONS**  
  
in the  
**ACADEMY OF NATURAL SCIENCES**  
  
of  
**PHILADELPHIA**

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and  
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Special Publication No. 5  
Academy of Natural Sciences of Philadelphia  
1963

## PRE FACE AND ACKNOWLEDGMENTS

Students of the history of natural science in America have long been limited in their access to source materials. Adequate and organized guides to their locations in the likely storehouses have been lacking. There were enthusiastic devotees in some early institutions who recognized the future usefulness of manuscript records. Too often, however, even priceless documents have been bundled together and laid away on a dark shelf in attic or basement. To historians this condition has been far short of inspiring.

When in 1954 a national survey of source materials was made to determine which categories should be recommended for publication, the Academy's librarian reviewed its holdings for inclusion. This cursory examination revealed a positive need for a catalog and guide to the various items which had been preserved in this institution. For years it was necessary to turn away most of the requests for specific information for lack of indexing. Perhaps the documents wanted were actually in the vault, but where?

It has always been the Academy's general policy to reserve the use of research funds for original studies in natural sciences based on its collections. When thoughts were directed toward a possible guide to manuscript holdings it was evident that any support for the processing of historical records must come from outside sources. Efforts in this direction resulted in a substantial grant from the Irénée du Pont Trust. This aid permitted the compilers to assemble, house and catalog the materials and prepare a finding GUIDE for publication. The present volume provides a tool to scholars of biology which will greatly augment the information about the location of primary sources within the area.

In its preliminary stages, Mrs. Gertrude D. Hess, Assistant Librarian of the American Philosophical Society gave freely of her advice and criticism. Her long experience with manuscripts and library rarities pertaining to the Philadelphia region, its institutions and personalities gave added weight to her suggestions and recommendations. Her cooperation in various stages of the study has been immensely valuable and much appreciated. Special thanks are extended to her and other members of the Society's library personnel.

Dr. Charles W. David, Director of the Eleutherian Mills Historical Library and former Director of Libraries of the University of Pennsylvania drew upon his knowledge of regional manuscript materials to offer enthusiastic approval of the undertaking. A personally conducted tour of the Longwood Library, introduction into its various departments, and practical demonstrations of recommended methods of handling materials, aided the compilers enormously in crystallizing plans for the task. Not only are thanks extended to him in this connection, but also for his perusal and criticism of the initial presentation of the desirability and usefulness of the catalog.

A special trip to the Cornell University, Collection of Regional History was made particularly helpful and informative through the courtesy of Mrs. Edith M. Fox and her staff. Many techniques were recommended and their inaugural processes explained, for which our thanks are whole-hearted and gladly expressed.

An expression of appreciation goes also to Dr. W. B. McDaniel, 2nd, Curator of Historical Collections, College of Physicians of Philadelphia for cooperating to make possible the deposition of that library's Joseph Leidy collection of manuscripts at the Academy of Natural Sciences. This deposit enabled the compilers to survey the two collections simultaneously and temporarily combine the papers for biographical study.

Early plans were furthered by consultation with interested colleagues at the Academy and as the undertaking progressed, each in his own special way helped to insure the completion of this Guide to the Manuscript Collections. Our thanks are expressed to the director, H. Radclyffe Roberts, for much needed encouragement in the administrative and organizational aspects of the project, to H. G. Grant, Jr. chairman of the library committee for valuable suggestions in the technical presentation, to McCready Huston for recommendations in the field of archives and Academy history and to all the members of the editorial and library staffs for general helpfulness throughout.

The library associates, Mary Effie James, Willman Spawn and David L. Wenrich, have contributed advice and practical suggestions. This help proved particularly valuable since it represented outside viewpoints of scholarly needs.

Our warm thanks are also directed to Prof. Joseph Ewan of Tulane University, Dr. William S. Ewing, Curator of Manuscripts of the Clements Library of the University of Michigan, to Mrs. Ida Langman and to Dr. C. Earl Smith, Jr. for help and encouragement in a variety of ways.

Special thanks are reserved for two senior curators of the Academy, Henry W. Fowler, ichthyologist, and James A. G. Rehn, entomologist, for their constant willingness to supply historical information. Their reminiscences of a lifetime of service on the Academy's staff, include much unrecorded lore about persons, places, policies and situations which arose in the institution throughout the years.

Finally we wish to express our indebtedness to the junior assistants who furthered the work in all its aspects. Mrs. Grace Selser processed the major part of the collection of H. W. Fowler's original fish illustrations. Marion Thayer proved particularly helpful in the early organization of the various collections, in making surveys and preparing the index to the Fowler fish plates. To Cynthia Dicken and Carol A. Veltman go much of the credit for the final inventory and housing of the various collections, the completion of the author index and the typing of the entire text for the printers.

## CONTENTS

Title-page . . . . .	i
Preface and acknowledgements . . . . .	iii
Contents . . . . .	v
Introduction . . . . .	vii
Plan of the Work . . . . .	xi
Alphabetical list of collections by names . . . . .	xiii
Descriptive text, collections listed numerically . . . . .	1
Subject index . . . . .	383
Author index . . . . .	423

## INTRODUCTION

It is inevitable that in thinking of the present, the needs of the future scholar are often forgotten. So, historians weep that the careless, the dull-witted and the unimaginative have thrown into the wastebasket manuscript materials which supply vital links in history. But the compilers of the present "Guide" feel both fortunate and grateful that at least some history-minded men were connected with the Academy, who saved the threads for future weaving of its historic patterns.

With the recent upsurge of interest in history, the needs for source materials have greatly increased. Of concern to the Academy of Natural Sciences are those aspects which stress the biological and scientific, the early western travel and the world expeditions. Data on its natural history specimens, its diaries, journals and maps with their early routes and names, often refer to old collecting areas long since covered by cities or destroyed by earthquake and war.

When plans were crystallized for the "National Union Catalog of Manuscript Collections" in 1959, and the Academy's librarian was invited to cooperate, it seemed a propitious time to consider its holdings. A quick survey of the number and kind of papers in the possession of the Academy of Natural Sciences showed an estimated 165,000 items in the biological sciences. This seemed a large enough collection to warrant the time and expense necessary to process and index the materials.

A program was initiated to assemble the manuscript holdings, sort and house them adequately, then prepare a finding guide. Such a reference work would be of primary use to the Academy's own staff, but secondarily would open this storehouse to historians and biographers at large. The undertaking proved greater than anticipated because staff members became actively interested and brought almost-forgotten packages to the librarian for inclusion. Currently the collection numbers some 185,000 items and occupies about 400 square feet of space.

The Academy's unique position as the oldest active institution of its kind in America magnifies the great importance of this collection. It is a 150-year legacy from the uninterrupted line of natural scientists who participated in all the new movements and theories in their fields. Since the resident membership list could act as a Philadelphia directory of naturalists and the correspondents' names make a veritable guide to world scientists, the documents concerning these people are of great moment in the history of science.

The institution's impact on the early cultural life of Philadelphia can scarcely be overrated. Founded in 1812, it was an outgrowth of an informal group meeting from time to time in John Speakman's apothecary shop for conversation about natural philosophy. One of the first names suggested for the group was a "Society of Dilettanti," thus definitely implying that its members were novices. Although Philadelphia was acknowledged the cultural center of the New World, the existing learned organizations were open only to the academic, the lettered or the monied classes. Thus from the first, the Academy founders could be considered as outsiders who were, nevertheless, fired by an interest and enthusiasm to learn and communicate

with others. Many institutions have been organized by the thought and management of some one outstanding personality who had set up a plan and chosen the proper personnel to accomplish his end. Here, however, we find a group of men sworn to further natural science, but with no clear picture of a goal. They recognized certain pitfalls, however, and adopted a policy which banned the discussion of religion or politics and recognized no affiliations with either religious groups or political bodies. Constitutionally only one line of study held their interest and the resulting society filled a niche in the overall cultural pattern. After a few years, when it was proved to be no fly-by-night irresponsible group, the membership gradually increased to include with the amateurs, most of Philadelphia's physicians, teachers and scholars who had any active interest in the subject.

From these modest ideas of discussion and reading about the studies of others, interest soon turned to individual research. To further this plan, the need for scientific publications and cabinets of study specimens became apparent. In its earliest days both books and specimens were the possessions of individual members who deposited them for the temporary use of colleagues. Later the initiative was taken and the projects furthered by the corporation itself. The society has reached its present eminence through original studies, continuous publication and exchange of its research findings, the building of a superb library, the gathering of magnificent study collections of natural history specimens, maintenance of a display museum and the inauguration of an educational program.

Through the years, all new scientific ideas and theories had a place in its "communications," both oral and published. Controversies, great or small broke out whenever disagreements arose and the Academy of Natural Sciences was always ready to act as mediator, though not as a judge. Opinions were those of the individual, not discarded under pressure, but strongly attacked to bring out both sides of the question. This hands-off policy encouraged by the officers and members resulted in an atmosphere peculiar to the basic research scientist, of unrestricted study of those aspects of the subject which appealed to him. A few of the outstanding controversies were those concerning the unity of man, speciation, Darwin's evolution theories and the real discoverer of the North Pole. The neutral stand of the Academy often encouraged the beginning of new projects such as the first meeting of the American Medical Association, the founders' meeting of the American Association for the Advancement of Science, the initial gathering for the American Library Association and of other groups.

Ever since its foundation, manuscript archives and historical papers have been preserved by the secretaries, curators and librarians. Very early, Thomas Say prepared a statement of the possessions of the institution and preserved his sources. Later, similar statements were enlarged and presented as handbooks to the Academy, by James H. Slack and W. S. W. Ruschenberger. The more recent financial reports of the Academy's funds by George Vaux, Jr. were compiled from the large assortment of records saved by him.

For the centenary celebration in 1912, Edward J. Nolan prepared a massive history which was published only in a summarized form. In writing the history he assembled his sources from the Academy's library holdings, much of it having been prepared by himself in his capacity of librarian, editor, secretary of the Academy and as a member of most committees appointed by the president to manage its affairs. Also a staggering number

of manuscript letters were written by him to descendants of early members. Many reminiscences, documents and genealogies were submitted in answer. The early archival papers and records were gathered by Nolan and many of them bound for preservation as gifts of the secretary.

Various staff members in recent years have been deeply concerned with the institution's history, much of its lore often being carried in their minds, thus becoming legendary in its nature. This is lost to the researcher with the death of the individual, no concerted effort having been made to preserve or publish the data. Great appreciation should be voiced for the efforts of J. Percy Moore and James A. G. Rehn who as corresponding secretaries have prepared and maintained files of historic interest. Others responsible for the accumulation of source materials, not only for the Academy proper, but in the areas of specific subjects should include Samuel G. Gordon, Francis W. Pennell, McCready Huston and Henry W. Fowler.

While it was well known that a rich mass of manuscript material was preserved in the library's vault, in storerooms, or set aside in secluded nooks, no real effort was made previously to assemble manuscripts in one central cache. Information about the Academy's personnel, policies and procedures, the history of its collecting expeditions and of its funds, the acquisition of research collections and of library materials were all buried in the series of bundles unopened for years.

The material here cataloged and described includes many types of items. The basis of the collection is, of course, the archival papers of the Academy and its official files of correspondence. General records and correspondence of staff members, particularly of the heads of departments, greatly increase this class of holding. For the collection as a whole, letters doubtless represent a larger number than any other category.

Other classes of material include field notebooks, diaries, journals, collecting lists, catalogs and accession books of research collections. Nor are scrapbooks of individuals, logbooks of departments or societies excluded. Many lots of manuscripts came to the Academy from some individual, either as gifts or deposits. Typically these contain data about some prominent scientist or his family and consist of correspondence, biographical items, photographs and other personal items, but all stressing natural history.

In the area of original illustrative work, the collections contain water-colors, outline drawings, photographs, wash drawings, artist's proofs, engraved copper plates and woodcuts. These, along with maps of special collecting regions relating to the research collections of the Academy, number many thousands.

Portrait files of naturalists are extensive, including oil paintings, photographs, daguerrotypes, glass negatives, pencil sketches and cartoons. These may be of either local, national or international significance.

Finally, the collection contains archival and historical papers of several well-known organizations and societies associated with the Academy. Of these, The American Entomological Society's holdings are much the largest. Other organizations whose papers have been deposited, include The Philadelphia Botanical Society, The Philadelphia Mineralogical Society, The Delaware Valley Ornithological Club and The Leidy Microscopical Society.

The general plan of cataloging by collections, as used by the Library of Congress was adopted and some 700 lots guided. Care was taken to keep materials together which had been donated as a unit. In other cases, Academy papers were grouped in various categories and numbers allotted

under its name as corporate author. More recent archival collections have been sorted by departments and treated individually.

The entire collection of manuscripts is arranged numerically, and the corresponding number of each lot placed on the right hand side of the lower line of its description. Items which are not strictly handwritten are sometimes included as numbered collections, chiefly for the convenience of the staff in locating rare or historical pieces.

In the preparation of the "Guide", a summary of the items in a single collection, or an overall survey of the entire holdings for an individual or subject was usually prepared. These surveys have not been included in the printed volume because of bulk. Sometimes calendars, analyses of contents of letters, indexes or registers are available. These may be in card form or on typed sheets, but all are maintained as reference for use in the reading room of the library. An asterisk in front of the collection number shows the existence of some such finding aid.

## PLAN OF THE WORK

The main body of the text is divided into four sections.

1. An alphabetized list of the numbered collections according to the author, organization or title under which each is entered in the descriptive text. Where multiple collection numbers are allotted to one author, all are indexed alphabetically. Whenever possible, the author's name has been given in full, followed by his vital dates. A few items where authorship has not been established are entered under the title of the work concerned.

2. A descriptive text of each collection is arranged by number. Each has author's name and dates, followed by the title of the collection, the number of items and their inclusive dates. The analysis of the material in each lot is accompanied by a short biographical sketch stressing that author's association with the Academy. This informal discussion was assembled from various types of information and may include legends of the Academy and reminiscences culled from the various papers perused by the compilers. Bibliographical references have not been recorded for these since much of it has come from hearsay evidence. The description closes with a statement of the provenance, when known, bibliographic reference to place of publication of information about the collection and the ownership and location of the material when not in the possession of the Academy. A list of signers accompanies most collections, this list giving the names, number of pieces in parenthesis and the inclusive dates of the letters from each signer.

3. Subject index to the information contained in the manuscript documents themselves, but not referring to the informal statements made about the collections by the compilers. Nor do the collection numbers listed in the subject index refer to those collections, which by their author or title clearly contain the bulk of the material on specific subjects. For example, the papers of Thomas Say will be found in the alphabetical list at the beginning of the main body of the work, while in the subject index are entered those references to Thomas Say which are found in other collections than those headed by his name. Titles of treatises have been included with the subject index when the actual text is stored with the holdings. A list of special committees is included, the name of each being cited exactly as it was worded when the committee was appointed.

4. Author index to signers of letters and documents, numbering 15,500 individuals closes the volume. Only a token attempt has been made to locate full names, the form used often representing the signature of the author. Some slight attempt has been made, however, to differentiate between two individuals of the same name. Although a large number of papers are signed by institutions, societies and corporations, these have not been included in this author index. The complete master file in the manuscript division retains these corporate authors, however, and may be used in the library.

LEIDY, JOSEPH, 1823-1891. Correspondence, 1839-91. 2700 items.

American naturalist, professor of anatomy and director of the Dept. of Biology at the Univ. of Pennsylvania, president of the Academy of Natural Sciences from 1882-91. These letters concern Leidy's scientific and professional interests, a few only, treating of personal matters. Many deal with his active participation in the affairs of various local organizations, i. e. the Academy, the University of Pennsylvania, Swarthmore College and the Wagner Free Institute of Philadelphia. They reflect his wide interest in all phases of natural history, protozoology, embryology, parasitology, paleontology, anthropology, mineralogy and botany. Leidy wrote 229 of the letters, the remainder being signed by some 800 other scientists.

Assembled by Joseph Leidy, II, whose son donated them to the Academy, March 14, 1944. These are the same letters studied for biographical purposes by Charles S. Dolley, George Howard Parker and currently by David H. Wenrich.

\*Coll. 1

Signers:

Abbott, Chas. C. (2) 1859-64; Addey, Harkinfield, 1870; Agassiz, Alex. (5) 1865-70; Agassiz, Louis (10) 1851-58; Agnew, D. Hayes (3) 1860-81; Alexander, O. 1868; Allen, Harrison (4) 1884-88; Allen, Wm. H. 1871; Allman, John I. (4) 1875-80; Amadeo y Antomarchi, Antonio José (2) 1885; Ames, Alfred E. 1873; Andrews, Garnett, 1858; Andrews, F. 1862; Apgar, A. C. 1878; Atkinson, Mary N. (2) 1881-82; Atkinson, Wm. B. (8) 1863-75; Atlee, John F. (2) 1853-54; Atlee, Walter F. 1868; Austin, C. F. 1864; Avery, John N. 1886;

Bailey, J. W. 1852; Baird, Mary H. C. 1870; Baird, S. F. (155) 1852-85; Balfour, F. M. 1881; Ballard, Harlan H. 1886; Baltz, John D. 1891; Baltzell, W. H. 1859; Barber, Edwin A. (6) 1876-84; Barcena, Mariano (7) 1875-81; Barclay, R. D. 1872; Barksdale, Randolph, 1879; Barnard, W. S. 1874; Barnum, N. T. 1882; Barnwell, Jas. G. 1885; Barr, Martin W. 1878; Barrows, Sam. J. 1887; Barton, Bolling W. (2) 1878; Barton, J. M. 1884; Bassett, Ebenezer D. 1858; Bates, H. L. 1886; Baur, G. 1888; Beadle, E. R. (3) 1866-70; Beates, Henry, Jr. 1878; Becker, G. F. 1890; Beebe, Edw. H. 1863; Belfield, W. T. (2) 1886; Bell, F. Jeffrey, 1890; Bement, C. S. (16) 1869-84; Bennett, Joseph M. 1884; Bettany, G. T. (2) 1875-76; Betten, Th. 1858;

Bickmore, Albert S. (2) 1874-76; Biddle, Cadwalader (3) 1863-82; Biddle, Caldwell K. (3) 1853-62; Billings, John S. (7) 1871-86; Binder, Jacob, 1884; Binney, Amos (12) 1845-46; Binney, W. G. (2) 1856-59; Birkey, Wm. S. 1857; Bishop, J. I. 1887; Blackmore, Wm. 1875; Blackwell, E. V. 1861; Blake, Wm. P. (4) 1855-83; Bland, T. 1857; Blogg, James, 1875; Bolles, Gertrude, 1887; Bossange, Edw. 1854; Bossange, Hector, 1854; Bouve, Thomas T. (3) 1880-86; Bowen, J. S. 1858; Bowsfield, Edw. C. (2) 1885; Boyer, Chas. S. (2) 1862-68;

## Coll. 1 (cont.)

Brady, Henry B. (2) 1879; Braidwood, T. W. 1865; Bringhurst, Robt. R. 1884; Brinton, D. G. 1891; Brinton, J. H. (5) 1862-63; Brooke, Francis M. (2) 1887; Brooks, W. K. (5) 1878-84; Broome, G. W. 1881; Brown, Arthur E. 1880; Brown, W. Owen, 1859; Buchanan, Florence, 1889; Buck, Albert H. 1884; Buckley, S. B. 1874; Budd, Chas. H. (3) 1851-75; Burgess, Edw. (3) 1880; Burk, Jesse Y. (7) 1883-86; Burmeister, H. 1884; Burris, Cyrus, 1882; Butler, John M. (3) 1855-56; Butler, S. W. 1854; Butler, Thomas, 1876;

Cadbury, R. T. 1884; Campbell, John, 1863; Cardeza, John, 1870; Carson, J. 1862; Carter, Henry J. (2) 1880-90; Carter, J. Van A. (75) 1868-83; Carter, W. A. (5) 1874-81; Carty, Jerome, 1885; Cate, H. J. 1860; Chapman, A. W. (2) 1866; Chapman, Henry C. (8) 1875-88; Chase, Marine J., 1880; Child, Duff, 1884; Childs, Geo. W. 1863; Chipman, E. P. 1881; Clark, I. Hinckley, 1883; Clark, W. H. 1878; Clarke, F. W. (3) 1888-91; Clarke, Sam. F. 1877; Coates, Edw. H. 1884; Cohoon, John T. P. C. 1858; Collins, John, 1866; Colton, G. Woolworth, 1875; Comstock, J. H. (2) 1877-80; Condon, Thomas, 1872; Cone, J. 1880; Cook, Geo. H. (11) 1857-79; Cooke, Josiah P. (2) 1870-86; Cope, Caleb, 1881; Cope, Edw. D. (23) 1860-85; Corson, J. K. (16) 1871-91; Corson, Robt. R. (3) 1881-86; Corti, Miss Alphonse, 1852; Coues, Elliott (26) 1874-81; Coules, John T. W. 1884; Cousins, A. S. 1859;

Crandall, T. V. n.d.; Crane, Agnes (3) 1881-84; Crane, Edw. 1890; Crans, L. J. 1857; Cresson, John C. 1864; Crisp, Wann, 1879; Croll, L. H. 1853; Crooks, W. (3) 1883; Cruice, Robt. S. 1886; Cutter, Ephraim (2) 1878;

DaCosta, J. M. (2) 1889; Dadum, Geo. A. 1880; Damleins, W. Boyd, 1870; Dana, James D. (31) 1852-85; Darby, John T. 1875; Darrach, J. 1870; Darwin, Chas. 1860; Davis, G. 1859; Dawson, J. W. (2) 1860-69; Day, Edw. G. 1884; Dean, John (2) 1862-64; Deaver, John B. 1883; DeHass, W. 1858; Derbyshire, A. J. (3) 1859; Detmond, J. A. 1879; Dickey, Chas. 1888; Dickie, A. M. (2) 1878; Dickinson, John, 1870; Dickinson, P. P. 1857; Dickson, J. F. 1886; Dirkins, Abrams, 1859; Dixon, S. G. 1885; Dolley, C. S. (9) 1882-88; Dolley, Sarah R. D. 1883; Dorna, G. Nidels, 1876; Dorsey, H. W. 1859; Doyle, O. M. 1859; Duges, A. 1884; Dugger, Reuben H. 1858; Dunglison, R. J. 1885; Dunlafe, T. 1858; Durand, Elias (2) 1865-68;

Eaton, Daniel C. 1874; Edgar, Geo. P. 1879; Edwards, J. F. 1886; Edwards, W. Fitzhugh, 1875; Egleston, Thomas, Jr. (2) 1869-74; Elder, Cyrus, 1885; Eliot, Chas. W. 1874; Emmons, E. (13) 1852-58; Engelmann, Geo. (2) 1875-76; Ennis, Jacob (2) 1881-84; Ervin, Philip T. 1856; Evans, Chas. (2) 1858; Evans, H. Y. (2) 1876-80; Evans, John (American) (11) 1857-59; Evans, John (English) (3) 1875-78;

Fairchild, H. L. 1891; Fairman, Charles E. 1886; Faithherter, D. 1855; Farlow, William G. (2) 1886-87; Faulkner, R. B. (2) 1884; Faunt Le Roy, A. R. (2) 1868; Fewkes, J. W. 1876; Fish, A. H. 1865; Fisher, G. J. (2) 1859; Fisher, Henry M. 1884; Fletcher, L. 1880; Flint, A. 1866; Flower, W. H. (11) 1865-91; Flugel, T. G. 1853; Forbes, S. A. (4) 1882-83;

## Coll. 1 (cont.)

Fort, Samuel, 1891; Forwood, W. S. 1858; Foster, J. W. (2) 1857-59; Foulke, Thomas S. 1871; Foulke, W. Parker (10) 1856-62; Fox, M. (2) 1873; Fraley, F. (3) 1866-86; Francis, M. 1891; Franklin, Benj. 1862; Franklin, Edward C. 1859; Frazer, Persifor (4) 1880-1908; French, M. S. 1884; Frenzel, J. 1891; Frey, August, 1854; Fricke, Albert (2) 1875-83; Friedlander, R. 1875; Fullerton, Geo. S. (6) 1884-1913; Furness, Horace Howard (6) 1884-87; Furness, W. H. (4) 1878-86;

Garnett, A. S. 1874; Gardett, J. B. 1855; Gaston, J. B. 1874; Gebbie, George (2) 1891; Geddings, E. (2) 1858; Geikie, Archibald, 1881; Genth, F. A. 1856; Gerhard, B. 1862; Germaux, Lewis, 1854; Gerrard, Edward, Jr. (2) 1875-76; Gervais, Paul, 1872; Gibbes, Lewis R. 1852; Gibbes, R. W. (3) 1859; Gibbons, A., Jr. 1857; Gibbs, Wolcott (6) 1857-66; Gill, Theodore (7) 1862-73; Gilpin, Henry D. 1855; Girard, C. (2) 1857-90; Gissler, Carl F. (3) 1879-80; Gonsale, V. 1886; Goode, J. Brown, 1888; Goodwin, D. R. 1863; Goodwin, William H. B. 1857; Gould, B. A. 1868; Gouwers, Georg T. 1888; Gowen, Franklin B. (4) 1880-84; Graff, L. von (2) 1881-85; Gray, Asa (5) 1848-68; Gray, J. E. (2) 1863-70; Green, C. 1881; Green, E. M. 1888; Green, H. A. 1870; Gross, S. D. (6) 1868-81; Griscom, John D. 1870; Guerero, Ed. D. de, 1886; Guiteras, John (2) 1885-86; Günther, A. (6) 1875-90; Guyot, A. (6) 1878-80;

Hagedorn, C. F. 1858; Haidinge, W. F. 1860; Haines, W. W. 1877; Haldeman, S. S. (3) 1870-78; Hall, Asaph, 1884; Hall, James (25) 1855-82; Hallowell, E. 1858; Hamlin, A. C. (19) 1869-81; Hamlin, Charles E. 1862; Hamman, E. H. (2) 1883; Hammell, B. F. 1881; Hammond, Ogden, 1858; Hammond, Wm. A. (10) 1855-69; Hanson, Joseph B. 1859; Hare, R. H. (2) 1862-64; Harger, Oscar (2) 1879-80; Harris, Wm. C. 1872; Harrison, Joseph, Jr. 1858; Hartshorne, Edward, 1876; Harvey, Henry D. 1883; Harfield, N. L. 1870; Hawkes, W. L. 1891; Hawkins, B. Waterhouse (3) 1869-76; Haworth, Erasmus, 1884; Hay, George (3) 1876-86; Hay, Wm. 1859; Hayden, F. V. (245) 1854-86; Hayes, Ch. P. 1881; Hayes, J. J. (3) 1876-86; Hays, J. Minnis, 1886; Hazard, Joseph P. (14) 1855-89; Heger, A. 1854; Hehn, Stephen, (2) 1891; Heilprin, Angelo, (5) 1880-89; Henry, Bernard, n. d.; Henry, Joseph (45) 1853-78; Hensel, W. Uhler, 1869; Henshaw, Samuel, 1879; Hering, C. 1874; Herrmann, Ch. W. A. (2) 1863-66; Herrmann, Johanna, 1870; Heuston, George, 1888; Hewett, Mr. 1857;

Hiester, John V. 1853; Higgins, F. W. 1891; Hinckley, Isaac, 1874; Hitchcock, Charles H. 1859; Hitchcock, Edward, 1858; Hitchcock, Romyn (6) 1878-81; Hodge, H. Lenox, 1874; Hogg, Jabez, 1881; Holbrook, J. E. 1860; Holder, J. B. 1877; Hollenbush, H. W. 1874; Holman, D. Shepherd, 1886; Holmes, A. Baron, 1886; Holmes, Frank S. (40) 1855-80; Holmes, O. W. (2) 1862-82; Hopkins, Wm. 1854; Horeges, N. D. C. 1885; Horn, George H. 1864; Horner, W. E. 1852; Hotz, Henry, 1858; Hough, Oliver, 1888; Houston, Jesse C. 1858; Howell, E. E. 1887; Hoy, P. R. 1854; Hudson, C. T. (6) 1883-87; Huff, J. W. 1881; Huidekoper, M. R. S. 1886; Hulke, J. W. (3) 1881-89; Hunt, Wm. (6) 1862-91; Hutchinson, Arthur, 1868; Hutt, Charles Fred, 1874; Huxley, T. H. 1875; Hyatt, Alpheus (5) 1864-86;

## Coll. 1 (cont.)

Ingersoll, Ernest, 1879; Ingersoll, S. R. 1853; Jackson, J. 1849; Jackson, J. B. S. (2) 1858; Jackson, John D. 1866; Jackson, M. H. 1849; James, E. J. 1885; Jay, Charles A. 1869; Jeanes, Joseph (4) 1858-83; Jefferson, C. L. 1875; Jenkins, T. S. E. 1870; Jewell, Nelson, 1864; Johnston, Christopher (14) 1857-62; Jones, J. W. 1857; Jones, Joseph, 1857; Jones, William H. 1891; Jordan, David Star, 1884; Julian, George W. 1865; Juslyn, M. W. 1882; Kane, Robt. P. 1855; Kar, R. G. 1891; Keatinge, E. C. (2) 1859; Keen, W. W. 1883; Kellicott, D. S. 1880; Kelly, Wm. D. 1865; Kenderdine, Gertrude, 1882; Kennedy, H. W. 1866; Kent, W. Saville (3) 1881-82; Kerr, W. C. (2) 1868; Kidder, J. H. 1876; King, Alfred T. (3) 1852; King, Aug. W. 1859; Kingsley, J. S. (2) 1882-84; Kirby, Elihu, 1864; Knieskern, P. D. 1857; Knight, J. B. 1875; Knowlton, W. J. (2) 1880; Koch, Albert (3) 1854-55; Kraepelin, Karl, 1883; Kraus, Charles, 1883; Kunz, George F. (12) 1880-83;

Labor, R. E. 1881; Lamb, D. S. 1891; Lambert, G. 1868; Lamborn, Robert H. (4) 1868-81; Langstroth, L. L. (11) 1857-60; Lankester, E. Ray, 1880; Lartet, E. (2) 1856-69; Laumoy, C. W. de, 1884; Laurence, Gilbert (2) 1866-84; Lawson, Th. 1857; Lea, Henry C. 1878; Lea, Isaac (8) 1859-82; Leaf, Geo. H. 1878; LeConte, John, 1882; LeConte, John L. (5) 1848-81; LeConte, Joseph, 1880; LeConte, Robert G. 1883; Lee, Leighton, 1882; Leidy, Joseph (229) 1848-91; Leidy, Philip (2) 1864; Leland, Charles G. 1884; Lemeine, E. S. 1854; Leonard, Thomas K. 1882; Lesley, J. P. (6) 1868-90; Lesley, Susan, 1876; Lesquereux, Leo, 1857; Leuf, A. H. 1888; Levick, James I. (9) 1862-91; Lewis, H. Carvill (2) 1883-84; Lewis, F. W. 1860; Leyboldt, F. 1881;

Lindahl, Josua, 1887; Linn, Samuel H. 1878; Linton, Edwin (2) 1884-86; Lippincott, Alice, 1884; Lister, George, 1845; Littell, John S. 1858; Lochayne, J. Norman, 1869; Lockwood, Samuel (3) 1873-5; Locy, William A. 1883; Love, Mr. 1857; Lowell, J. 1863; Lucas, Frederick A. 1884; Ludlum, H. 1879; Luman Franz de, 1886; Lungren, C. M. 1881; Lurck, James I. 1875; Lyell, Charles (3) 1853-65; Lyman, Theodore, 1880;

Maack, G. A. (2) 1871; Macalester, C. 1872; McClary, F. W. 1882; McClellan, G. S. 1873; McClure R. 1864; McCook, Henry C. 1879; McCracken, George Y. 1883; McCulloch, J. H. 1871; McDowell, James, 1858; McFarlane, Duncan B. (4) 1866-85; McLeod, Donald, 1853; McMaster, John, 1891; M'Quillen, J. H. 1872; Mactier, Wm. L. 1862; Magill, Edward (32) 1871-86; Marcou, Jules (6) 1861-63; Marcy, A., Jr. 1870; Marks, John I. 1857; Marsh, O. C. (48) 1867-86; Martin, D. S. 1879; Martin, H. Newell (3) 1862-83; Martindale, Isaac, 1880; Martindale, Joseph C. (2) 1862; Maskelyne, Nevil Story (11) 1876-78; Mason, John D. 1882; Mastin, C. H. 1859; Matthews, E. H. 1886; May, Joseph (4) 1884-89; Mayer, Alfred M. 1885; Mazanedo, Ramon de, 1862; Mears, J. Erving (3) 1884-85; Meehan, Thomas, 1882; Meek, F. B. (30) 1855-71; Merriam, C. Hart, 1882; Meyer, Herman von, 1860;

Michel, Wm. Middleton, (3) 1885-89; Michels, John (4) 1880-86; Miller, George McC. 1882; Miller, M. 1858; Miller, Samuel M. 1879; Miller, W. 1882; Milne-Edwards, Alphonse (3) 1888; Minot, Charles Sedgwick (2)

## Coll. 1 (cont.)

1877-80; Mitchell, S. Weir (8) 1860-83; Mivart, S. G. n. d.; Monier, R. 1880; Montgomery, James R. 1882; Montgomery, Thomas L. 1891; Moore, Clare J. (5) 1891; Moore, G. (3) 1891; Moore, W. D. 1858; Moreno, Francisco P. 1890; Morgan, John C. (2) 1888-89; Morian, Henry A. (2) 1872; Morris, M. H. 1852; Morris, Robt. T. 1881; Morse, Porter, 1870; Morton, H. J. 1880; Morton, Henry T. 1853; Morton, Samuel George (4) 1846-51; Morton, Thomas G. (5) 1866-86; Mosbleek, P. W. (4) 1852-59; Moseby, W. N. 1880; Muckle Richard (2) 1881-82; Murphy, John H. 1865; Murray, Andrew (3) 1865-74; Myer, Isaac, 1874;

Neal, Joseph C. (2) 1884-85; Nebinger, A. 1863; Neil, Lewis M. (2) 1857-58; Newberry, J. S. (10) 1860-83; Newton, A. E. 1883; Nicholson, H. Alleyne, 1880; Noelling, Fritz, 1886; Nolan, Edward J. (2) 1875-80; Norcom, Wm. A. B. (11) 1858-72; Norris, Isaac (3) 1884-87; Norton, Charles Benj. 1885; Norwood, J. G. (14) 1854-55; Nott, J. C. (24) 1853-65; Ogden, Edward H. 1882; Olmstead, F. 1862; Orbar, A. 1890; Orton, James, 1869; Owen, D. D. (6) 1852-56; Owen, Elizabeth T. 1875; Owen, Richard (3) 1881-87;

Packard, A. S. (7) 1869-80; Packard, John H. (5) 1864-88; Paget, James, 1891; Palmer, Thomas J. 1858; Pancoast, Wm. H. 1888; Paret, T. Dunkin (2) 1885-86; Parish, Joseph, 1868; Parrish, Edward (2) 1860-70; Peabody, S. 1878; Peale, A. C. 1888; Peale, Franklin, 1863; Pearsall, Jo. Dickson, 1858; Pearson, George T. (2) 1886; Pepper, William (51) 1878-89; Petrie, F. (2) 1884-88; Phillipe, R. I. 1862; Pilling, J. C. 1885; Plimpton, G. A. 1887; Pope, Charles A. 1884; Porter, C. B. n. d.; Porter, George W. 1887; Porter, (Mrs.) Robert M. 1857; Porter, Thomas C. (28) 1863-85; Potts, Edward, 1881; Powel, Mary (3) 1861-62; Powel, Samuel (26) 1852-80; Powell, J. W. (3) 1872-85; Pratten, Henry (5) 1854-56; Pressley, Joseph L. 1858; Prout, H. (10) 1852-57; Putnam, J. Duncan (2) 1877-79;

Rainey, Thomas, 1858; Ralphs, Thomas H. 1882; Ralston, J. Grier, 1875; Ramborger, A. D. 1885; Rathbun, Richard (5) 1878-84; Rau, Eugene A. 1881; Raynolds, W. T. (2) 1860; Rea, R. L. (3) 1860-78; Redfield, John H. 1868; Redman, Joseph S. (2) 1859; Reinsch, P. F. 1877; Rice, John, 1872; Richards, John K. (2) 1853-74; Richards, William T. 1858; Richardson, Joseph C. 1871; Riley, C. V. (15) 1869-79; Robinson, R. T. 1885; Roepper, W. Th. 1864; Rogers, Fairman (2) 1881-83; Rogers, William B. 1858; Rolleston, Grace (2) 1881; Rood, Ogden N. (2) 1882; Rothrock, J. T. (4) 1880-84; Ruschenberger, W. S. W. (6) 1854-83;

St. John, Oastis (9) 1872-81; Sajous, Charles S. (5) 1886-87; Salisbury, N. I? H. (4) 1864-68; Samuel, John, 1879; Satterfield, G. A. 1857; Schaeffer, C. W. 1863; Scherzer, Dulau, 1852; Schmidt, H. D. (8) 1878-86; Scott, Charles P. G. 1883; Scott, W. B. (5) 1878-86; Scudder, Samuel H. (13) 1870-84; Seal, William P. 1884; Seeley, H. G. 1878; Sellers, Horace W. (2) 1884; Sharp, Benjamin, 1880; Sheaffer, P. W. (2) 1858-78; Shepard, C. U. 1870; Sherman, Roger, 1878; Sherman, William, 1853; Shields, I. Hayes, 1859; Shippen, Edward, 1876; Shortlidge, Evan G. 1870; Showalter, E. R. (2) 1857; Shradly, George F. 1878; Shufeldt, R. W. (2) 1885; Shumard, B. F.

(14) 1854-59; Sibley, P. B. 1857; Siebold, Karl von, 1851; Silliman, B. (3) 1872-79; Silsbee, E. A. 1860; Singer, E. A. 1862; Sinnickson, Thomas J. 1880; Slifer, Eli, 1863;

Smith, Albert H. 1853; Smith, Aubrey H. (8) 1859-65; Smith, C. M. 1878; Smith, Charles E. (35) 1861-88; Smith, Clement L. (4) 1874-86; Smith, F. Guilford, 1878; Smith, G. W. 1880; Smith, George (4) 1871-80; Smith, Henry H. (2) 1854-69; Smith, R. Pearsall (2) 1884; Smith, Sidney I. 1880; Smith, T. S. 1858; Smith, William M. 1858; Smyth, Warrington, 1884; Snyder, Lucie A. 1857; Solis-Cohen, J. 1888; Sommerville, Maxwell, 1885; Spencer, Herbert, 1880; Spengel, J. W. 1884; Spillman, William (8) 1857-59; Squier, E. George, 1869; Stebbin, B. P. 1880; Steiner, L. H. (5) 1854-55; Steller, John G. 1865; Sternberg, George M. 1875; Stetler, Howard, 1881; Stevens, Edward J. 1876; Stevenson, John J. (2) 1870; Stewart, Albert B. 1881; Stewart, John A. 1880; Stille, Alfred (2) 1862-81; Stille, C. J. 1879; Stimpson, William (14) 1851-68; Stirman, W. B. 1858; Stokes Alfred C. 1887; Straton, William, 1853; Strattan, J. T. 1882; Streets, Thomas H. 1876; Sully, A. 1856; Swallow, G. C. (2) 1857-58; Sweeny, Robert Ormsby (2) 1868-78;

Talbot, Marshall, 1862; Tallon, J. E. 1868; Taylor, L. H. 1880; Taylor, W. I. (2) 1857-59; Teall, F. A. 1881; Thayer, M. R. 1862; Thomas, B. W. (5) 1884; Thompson, A. W. 1876; Thompson, J. Cathmor, 1861; Thompson, James M. 1858; Thompson, R. E. 1882; Thornton, S. C. (2) 1885; Tidd, M. M. 1858; Tiedeman, H. (4) 1877-78; Tilghman, E. 1858; Todd, Arthur (2) 1885; Todd, J. E. 1888; Tonesi, Angelo (2) 1858; Torrey, John, 1869; Towne, Laura M. 1880; Townsend, E. D. 1862; Trautwine, William, 1882; Trego, Charles B. 1868; Truman, James, n. d.; Tryon, George W. 1866; Tucker, Ernest F. 1881; Tuomey, M. 1854; Turnbull, C. S. 1872; Twelvetrees, W. H. 1881; Tyndall, John (5) 1875-76; Tyson, James (8) 1877-86; Tyson, Philip T. 1861; Umberger, Anna T. 1861; Up de Graff, Thad. S. 1881;

Valentine, Frank, 1883; Van Baun, Wm. W. 1891; Van Beneden, V. (2) 1878; Vanden Broeck, Ernest, 1879; Vaux, William S. (3) 1875-78; Vejdovsky, F. F. (3) 1880-84; Verrill, A. E. 1870; Vesey, Louis de, 1857; Vigelius, W. J. 1885; Villot, A. 1883; Wagner, Samuel (5) 1885-91; Wahl, William H. 1885; Wailes, B. Lile (4) 1852; Walcott, C. 1891; Walker, H. D. (4) 1883-91; Wallace, Shippen, 1884; Walsh, Wm. H. 1885; Walton, Joseph, 1886; Ward, Henry A. (7) 1879; Ward, Lester F. 1879; Waring, James I. (2) 1877-79; Warren, B. H. (3) 1885; Warren, G. K. (9) 1858-59; Warrington, I. H. 1882; Washburn, William S. 1865; Webb, R. D. 1868; Weber, Gustav C. E. 1857; Weber, Paul, 1858; Weinland, D. F. (3) 1858-59; Welch, W. M. 1874; Wells, William L. 1876; Welsh, John, 1875; Wessels, Theodore A. 1876; Westbrook, R. B. 1886; Wetherby, A. G. (2) 1880-84; Wetherill, Charles (2) 1854-59;

Wharton, Alfred, 1861; Wharton, Joseph (6) 1871-88; Wheatley, Charles M. 1861; Whitaker, C. Henry, 1858; White, C. A. (2) 1879-87; White, James C. 1889; Whitfield, R. P. (3) 1882-91; Whitman, C. O. (2) 1886; Whitney, J. D. (9) 1865-71; Wiedersheim, Mr. (2) 1878; Wilder, Burt G. (6) 1876-85; Willcox, Joseph (59) 1869-1910; Williams, H. I. (2) 1866-69; Williams,

## Coll. 1 (cont.)

S. T. 1884; Wilson, Henry (2) 1863; Winchell, Alexander (3) 1869-87; Winslow, C. F. (4) 1857-58; Wistar, I. J. (2) 1876-84; Wister, C. 1880; Wolle, Francis, 1877; Wood, George B. (2) 1861-64; Wood, H. C. 1871; Woodward, J. J. (9) 1863-80; Woodworth, W. 1890; Woolston, Samuel, 1863; Worcester, W. L. 1891; Worthen, A. H. (3) 1866-85; Worthington, William H. (2) 1854-55; Wortman, J. L. 1885; Wright, Ed. Perceval, 1870; Wurtz, Charles Stewart, 1883; Wurtz, T. 1857; Wycoff, R. M. 1872; Wyman, Jeffries (19) 1847-74; Yeager, G. W. 1878; Youmans, E. L. (2) 1880; Zeiller, S. (3) 1875-76; Zykoff, Vladimir, 1891.

LEIDY, JOSEPH, 1823-1891. Correspondence and documents, 1847-1924. Microfilm. 60 items.

The American Philosophical Society's holdings of 48 items, 1847-1924; a group of eleven letters, 1853-1877, from the F. V. Hayden collection of Jesse V. Howell; and manuscript transcriptions of three letters in the library of the Wagner Free Institute, 1889-90. Various other papers and letters regarding the acquisition of these collections are included.

Acquired by gift in recent years.

\*Coll. 1-A.

Signers of letters and documents:

Allen, Harrison, 1889; Cope, E. D. 1867; Cresson, C. M. n.d.; Darwin, Charles, 1860; Fox, W. J. (2) 1924; Fraley, Fred. (3) 1886-89; Haldeman, S. S. (4) 1848-78; Hall, James, 1847; Heilprin, A. (2) 1888; Henry, Joseph, 1855; Horn, G. H. 1887; Huxley, T. H. 1868; Jennings, H. S. (3) 1923-25; Leidy, Joseph (11) 1852-89; Leidy, Joseph, II, 1923; Moore, J. Percy (2) 1923; Pack, C. L. 1923; Phillips, H. S. 1889; Wenrich, D. H. (3) 1957-58; Westermann, B. 1888; Winslow, C. F. 1857.

LEIDY, JOSEPH, 1823-1891. Correspondence, 1850-90. 2,942 items.

This material is a part of that described as Coll. 1, with similar provenance. The donor allotted the letters, half to the Academy and half to the College of Physicians of Philadelphia, with no reference to subject, author, or date. Through the courtesy of the Curator of Historical Collections of the College of Physicians, they were placed on deposit in the Academy's library in 1957. A detailed list of the papers was prepared by David L. Wenrich, biographer of Joseph Leidy.

\*Coll. 1-B

Signers:

Abbott, Chas. (16) 1860-76; Adams, J. M. (2) 1884; Agassiz, A. (12) 1862-80; Agnew, D. Hayes (7) 1863-81; Aisquith, Henry, 1877; Alexander, O. 1866; Allen, E. A. H. 1880; Allen, H. (12) 1862-82; Allen, J. A. 1875; Allen, Jos. S. (2) 1868; Allen, Robert 1861; Allen, Wm. H. (4) 1871-80; Allibone, S. Austin (2) 1859; Allis, Oscar H. 1881; Alston, James W. 1860; Ames, A. E. (3) 1873; Ames, Chas. G. 1886; Anawalt, J. W. 1878; Anderson, Wm. H. 1859; Andrews, Edward, 1869; Andrews, Thos. H. (2) 1876; Apgar, A. C. 1880; Archer, Thos. C. 1876; Armsbury, Stiles P. 1882; Arnott, C.

## Coll. 1-B (cont.)

(8) 1869; Arthur, T. S. (6) 1875-79; Ashhurst, John, Jr. 1877; Ashhurst, Samuel, 1889; Ashmead, Wm. (3) 1862-75; Ashworth, James (2) 1880-81; Atchley, Calvin, 1873; Atkinson, Wm. B. 1867; Atlee, Jno. L. (4) 1859-62; Atwood, E. S. 1880; Augustin, M. F. 1882; Aulick, R. V. 1872;

Backus, Ogden, 1882; Baer, W. M. 1861; Bahnson, Henry T. 1867; Bailliere, H. E. (3) 1858; Bailliet, L. B. 1859; Bailly, G. 1884; Baird, S. F. (27) 1862-85; Baker, C. S. 1862; Ball, A. B. 1868; Ball, Geo. (2) 1873; Ballou, W. H. (3) 1878-80; Banks, Thos. L. 1856; Barbeek, Wm. n. d.; Barber, E. A. (4) 1876-85; Barcena, Mariano (2) 1874; Barclay, R. D. 1881; Barker, M. P. 1862; Barker, Wharton (5) 1878-83; Barrows, Arad, 1863; Bartdorff, M. D. M. 1867; Barton, H. T. 1882; Baum, Charles, 1882; Baxter, Henry F. 1873; Baxter, John G. 1881; Baxter, O. F. 1858; Beadle, E. R. (14) 1867-73; Bean, Jas. M. 1856; Beardsley, Arthur (2) 1880-81; Beatty, W. G. (2) 1881-82; Beaumont, Mr. 1887; Beers, A. M. 1880; Bell, A. (4) 1880-81; Bement, C. S. (21) 1870-82; Bemis, B. 1881; Bennett, Jos. M. (8) 1860-70; Bessels, Curt, n. d.;

Bickmore, Albert S. (2) 1879-81; Biddle, Cadwalader (7) 1862-80; Biddle, Clement M. (8) 1871; Biddle, Lucy, n. d.; Bien, Julius, 1870; Bilderbach, F. (2) 1872; Bill, J. H. 1881; Billings, J. S. (4) 1868-89; Binney, W. G. (2) 1870; Birch, T. J. (2) 1878-84; Bird, J. F. 1882; Birge, E. A. 1882; Birkey, Henry, 1868; Birkey, E. T. 1863; Birkey, J. Myers, 1876; Birkey, Wm. J. A. n. d.; Birkinbine, John (2) 1869; Bishop, J. I. 1875; Bissell, J. H. (3) 1876-80; Bissell, Wm. S. 1879; Blake, Geo. A. R. 1879; Blake, Wm. P. (3) 1870-76; Bland, D. W. 1876; Boisot, Louis, 1883; Boker, C. S. (7) 1867-82; Bonsall, Chas. T. 1867; Bonsall, Elwood (3) 1867-70; Bonsall, Sterling (3) 1868-71; Bossange, Edouard, 1854; Boutcher, C. S. (17) 1879-81; Bouve, Thos. T. 1882; Bowen, S. R. 1870; Bowman, David G. 1861; Boyd, H. W. (10) 1869-79;

Bracking, T. G. 1871; Bradin, E. de L. (2) 1876-78; Bradley, Frank H. (4) 1869; Bradley, M. L. 1863; Brewer, Thomas M. 1869; Bridge, N. 1869; Broadhead, G. C. (3) 1869-80; Brock, Nellie, 1869; Brooks, W. K. (2) 1877-79; Broomall, Henry L. 1879; Brown, Arthur E. (3) 1879; Brown, Calvin (2) 1868; Brown, G. W. 1882; Bryan, T. M. 1876; Buckley, S. B. (3) 1867-70; Budd, A. E. 1872; Budd, C. H. (2) 1860-62; Budd, O. W. 1861; Bulla, Charles (4) 1879; Bullock, J. G. 1885; Burhaus, C. (2) 1879; Burk, Jesse, 1882; Bush, L. P. 1863; Buttolph, M. R. 1869; Buzby, Benj. F. 1880; Bynum, J. M. 1870;

Camac, Wm. 1876; Cameran, Wm. C. 1860; Canby, Wm. M. 1868; Carleton, James H. 1877; Carll, Geo. G. 1863; Carothers, A. E. (4) 1872-75; Carr, Lucien, 1880; Carrington, Campbell, 1872; Carritt, T. W. 1882; Carson, D. W. 1869; Carter, J. van A. (13) 1863-86; Carter, Lulie L. 1881; Carter, W. A. (2) 1873; Cary, Thos. G. 1872; Case, Frances E. (3) 1878-82; Casey, T. L. 1885; Cassatt, A. J. 1872; Cassidy, P. 1863; Cassin, Chas. L. (7) 1869-70; Cassin, John (3) 1861-68; Cassino, S. E. (2) 1880-87; Castilla, T. D. 1881; Castillo, Ant. del, 1877; Castle, F. A. 1877; Castro, J. F. 1862; Cattell, W. C. (3) 1867-69; Cavender, Chas. (2) 1873;

## Coll. 1-B (cont.)

Chamberlaine, Samuel, 1879; Chamberlin, T. C. 1877; Chambers, J. H. (2) 1877; Chambers, J. Howard, 1878; Chapman, A. W. 1867; Chapman, Henry C. (3) 1872-79; Charlston, I. Grier, 1870; Cheney, T. Apolean (4) 1861-71; Chester, (Mrs.) Robert, 1870; Chickering, J. W., Jr. 1880; Childs, Geo. W. 1862; Chilton, Harris J. 1868; Chittenden, L. E. 1860; Christman, J. D. 1882;

Clanton, S. W. 1856; Clark, H. James, 1870; Clark, J. H. (2) 1872-73; Clark, Thos. 1872; Clark, Wm. A. 1882; Clarke, Saml. F. 1879; Clay, Joseph A. (6) 1869-72; Clothier, Isaac H. 1882; Coates, Jos. H. 1875; Coates, M. H. 1870; Cochran, Jerome, 1868; Cochran, John (6) 1871-74; Cohoon, J. T. P. C. (2) 1858-68; Cole, James R. 1873; Collins, John, 1878; Colvin, Mr. 1862; Comstock, J. Henry, 1881; Condie, Francis, 1867; Cook, Geo. H. (11) 1860-82; Cooke, Sam. B. 1873; Cooper, Campbell, 1867; Cooper, Sarah, 1882; Cooper, Wm. B. 1878; Cope, Caleb, 1881; Cope, Edw. D. (4) 1862-68; Corlies, S. Fisher, 1877; Corson, Chas. F. 1873; Corson, Hiram (4) 1856-81; Corson, Jos. K. (6) 1871-82; Corson, Wm. 1856; Coues, Elliott (3) 1872; Coultas, Harland, 1868; Covington, W. W. 1877; Cowan, Frank, 1880; Cox, E. T. 1880; Cox, W. T. (2) 1875-76; Coxe, W. E. C. 1871;

Crane, C. H. (4) 1873-83; Cresson, E. T. 1878; Cromwell, W. H. 1871; Crouse, Henry, 1869; Crumbaugh, J. W. 1880; Cummings, James E. 1881; Cummings, Jos. J. 1881; Cummins, D. B. 1867; Currier, J. M. (2) 1870; Curry, M. Lincoln, 1872; Curtis, John H. 1882; Curtis, R. J. 1880; Cutter, Ephraim (2) 1878-79; Cuyler, Mr., n. d.;

DaCosta, J. M. 1872; Dale, T. Nelson, Jr. (2) 1871-77; Damon, Robert (2) 1870; Dana, James D. (3) 1853-73; Darby, Jno. T. (8) 1868-71; Darrah, J. (5) 1863-67; Darte, Alfred, Jr. (3) 1879-81; Davis, Wm. G. 1879; Davis, Wm. S. 1872; Dawkins, W. Boyd, 1871; Dawson, Jno. (2) 1854-59; Deadrick, C. 1877; DeBeust, J. M. R. 1864; Delano, C. 1875; Delavan, D. Bryson, 1886; Dennis, Wm. 1879; Derrig, R. M. 1867; DeTarr, D. N. 1881; DeWitt, L. W. 1884; DeWitt, R. M. 1868; Deyrolle, E. 1889; Dickson, S. Henry, 1859; Diffenderfer, E. L. 1862; Dixon, Samuel G. 1885; Dolley, C. S. (7) 1879-85; Dolley, Sarah R. A. (4) 1873-82; Donaldson, F. H. 1875; Dougherty, Wm. H. 1880; Drummund, Willis (2) 1871; Dudley, H. W. 1879; Duhring, Louis A. 1867; Dunglinn, Richd. 1870; Dunyan, D. H. (2) 1876; Durand, E. 1866; Durand, W. M. 1880; Dwight, Theo. F. 1867; Dwight, Wm. B. (3) 1880;

Eaton, T. J. 1863; Eckfeldt, John W. 1882; Edwards, Jno. W. 1878; Edwards, Jos. F. 1882; Eldredge, C. 1870; Ellis, C. M. 1861; Emery, E. A. 1884; Engelmann, G. 1867; Engelmann, Henry (2) 1860; Ennis, J. (3) 1864-83; Enos, Debbitt C. 1861; Ermentrout, Daniel, 1864; Ernenputch, J. C. 1859; Ervin, Philip T. (2) 1855-62; Essig, C. J. 1881; Evans, Sarah (3) 1861-62; Everett, Geo. H. 1872;

Faries, F. L. 1873; Fauerede, C. B. 1869; Ferthers, T. J. 1881; Fetterman, T. M. 1876; Feuchtenwanger, L. 1871; Finley, S. W. 1881; Fisher, G. J. (3) 1878-83; Fisher, J. L. 1882; Fletcher, John S. 1868; Foote, A. E. (6) 1876-81; Forbes, S. A. (9) 1880-82; Forbes, Wm. S. (3) 1880-82; Ford, C. C.

## Coll. 1-B (cont.)

L. 1869; Ford, John (2) 1880-81; Formad, H. F. 1882; Forsythe, Ruth Anna, 1881; Fort, W. K. 1868; Forwood, W. (2) 1876; Forwood, W. Stump, 1876; Foster, J. W. (6) 1869-73; Foulke, G. R. 1888; Foulke, Hugh, 1873; Foulke, Julia (2) 1882; Foulke, Thos. S. (33) 1871-82; Foulke, W. Parker (16) 1860-64; Fox, D. M. 1876; Franklin, Benj. 1861; Frazer, Persifor (2) 1871-84; Freeman, Chas. D. 1863; Freeman, E. B. 1860; French, Ed. E. 1877; French, M. S. 1884; Fricke, Albert (31) 1860-87; Fuller, A. N. (2) 1879-80; Fulton, H. C. 1884; Furness, W. H. 1886;

Gable, W. M. 1875; Garber, A. P. 1870; Garman, S. W. 1872; Garnett, Henry, 1882; Garretson, Jas. E. 1863; Gatschet, Albert S. 1880; Genth, F. A. (2) 1873-80; Gentry, T. G. 1876; Gerrard, Edw. Jr. (4) 1876; Gibbs, John H. 1884; Gibson, W. 1861; Giddings, S. B. 1871; Gifford, D. L. 1877; Gilbert, G. K. 1866; Gilpin, J. R. 1877; Girvin, R. M. (2) 1879; Gissler, Carl F. (2) 1879; Glazier, W. C. W. (2) 1880; Gockley, A. S. 1881; Goddard, K. n. d.; Goodell, Wm. (2) 1871; Goodwin, A. C. 1881; Gove, E. 1882; Gowen, F. B. (3) 1872; Graff, M. B. 1864; Grant, J. F. 1873; Gray, Asa, 1868; Green, A. W. 1880; Green, H. A. 1870; Green, Samuel L. (3) 1879-80; Green, Trail (3) 1855-74; Gregory, James R. 1867; Griffin, C. B. (2) 1869-70; Grisson, Eugene, 1880; Grosholz, Chas. F. 1882; Gross, S. D. (3) 1873-77; Gross, L. W. 1885; Grusch, F. 1881; Guillou, Constant (3) 1860-68; Guitéras, John, 1880; Gutekunst, F. 1876; Guttenberg, Gustavus, 1880;

Hackett, Wm. 1881; Hadden, Jas. T. R. 1869; Hagedorn, C. F. (4) 1867; Hagen, H. 1868; Haines, Reuben (4) 1882; Haines, W. A. 1870; Haldeman, Frances, 1870; Haldeman, Victor M. 1880; Hale, A. K. 1881; Hall, A. D. (2) 1864; Hall, Chas. E. 1880; Hall, Geo. W. (2) 1867; Hall, James (8) 1860-75; Hall, Wm. J. 1884; Haller, Alex. S. 1878; Halley, A. D. 1870; Hallowell, Saml. W. 1872; Hamblin, H. M. 1882; Hamilton, Lewis, 1876; Hamlin, A. C. (98) 1866-79; Hammett, Chas. E. 1862; Hammond, W. A. 1863; Hancock, Geo. W. 1882; Harger, O. 1880; Harland, Thomas, 1867; Harris, Edward, 1861; Harrison, Chas. C. 1884; Harrison, Geo. D. 1880; Hart, Chas. Henry, 1881; Hartman, J. M. 1882; Hartman, W. D. (2) 1873; Hartshorne, Henry, 1867; Hartt, A. Fred, 1874; Hartzell, Frank K. 1868; Haskins, W. D. 1852; Hawkins, B. Waterhouse, 1874; Hay, George, 1876; Hayden, F. V. (22) 1861-87; Hayes, I. I. (3) 1862-63; Hays, Isaac, 1863; Hays, J. Minis (2) 1881-85; Hazard, Jos. P. (19) 1863-81; Hazzard, T. L. 1882;

Heger, Theresa (4) 1861-62; Heilprin, A. 1886; Hempstead, O. G. 1877; Hendricks, Cordelia (3) 1860-70; Henry, Alexander, 1862; Henry, Joseph (13) 1854-77; Henzey, Wm. C. (6) 1868-76; Herring, Constantine, 1868; Herrmann, Ch. W. A. (2) 1863-67; Hewell, Robert, 1860; Hewson, Addinell, Jr. (2) 1881; Hilgard, J. E. (3) 1862-69; Hill, Franklin C. 1874; Hill, H. D. 1884; Hill, S. Ambrose, 1885; Hinckley, Isaac (3) 1872-80; Hines, J. M. 1870; Hinkle, J. A. 1863; Hirshfeld, Henry P. 1878; Hodge, H. Lenox (16) 1863-80; Hoffer, Isaac, 1874; Hoffman, J., Jr. 1861; Hohmeyer, Henry, 1881; Holbrook, J. E. 1861; Holbrook, S. P. 1871; Holden, C. F. 1881; Hollenbush, H. W. (3) 1874; Holliday, D. C. 1873; Holmes, A. Baron, 1873; Holmes, F. S. (25) 1853-77; Holmes, Jos. A. 1885; Hoopes, Bernard A. (2) 1869-70;

## Coll. 1-B (cont.)

Hopkins, J. E. 1866; Hopkinson, (Surgeon), 1863; Hopper, Mr., 1860; Horner, E. W. 1852; Horner, G. R. B. 1859; Hough, J. Stockton, 1869; Houghton, E. F. 1879; Houskeeper, H. S. 1882; Hovey, E. O. 1873; Hovey, H. C. 1882; Howard, H. C. 1871; Howell, E. E. 1884; Howell, Robert, 1870; Howell, Samuel B. 1880; Hubbell, O. S. 1870; Huftnagle, John (2) 1869; Hughes, James B. 1877; Hulcee, H. J. (4) 1867-69; Hulick, W. S. (3) 1881-82; Humphrey, J. Y. 1881; Hunt, Chas. O. 1868; Hunt, Ezra M. 1882; Hunt, J. G. 1871; Hunt, W. C. 1878; Hunt, Wm. (2) 1883-89; Hutchinson, Arthur, 1868; Hutchinson, James H. (2) 1863-70; Hutchinson, Jo. C. 1859; Hyatt, Alphaeus, 1870;

Ide, Charles (2) 1868; Irwin, Agnes, 1882; Jackson, M. M. (2) 1859-67; Jackson, S. 1863; James, Tho. P. 1867; Janney, Susan W. 1878; Jeanes, Jos. (6) 1869-87; Jefferson, Chas. L. (2) 1877; Jenkins, P. G., n. d.; Jennings, R. 1863; Johnston, Christopher (3) 1860-73; Johnston, John T. 1869; Jones, Griffith, 1873; Jones, Jos. 1856; Jones, Joseph, 1882; Jones, J. W. (3) 1871-75; Jones, Saml. J. 1860; Jones, Wm. H. (8) 1873-82; Jordon, Francis, 1879; Joseph, R. 1873; Judson, Emily, 1872;

Kane, Robert P. 1862; Kappeler, Tobias (2) 1875-77; Keen, W. W. (2) 1867-80; Keim, Beverly R. 1873; Keim, Geo. de B. (3) 1876-79; Kelley, Wm. D. (2) 1867; Kellicott, D. S. (2) 1878; Kelly, Reuben C. 1878; Kemble, George G. 1860; Kennedy, H. W. (3) 1863-64; Kerlin, I. 1870; Kernan, Thos. D. 1879; Kerr, W. C. (4) 1871; Keyser, P. J. (3) 1874-81; Kimball, Thos. L. 1877; King, D. Rodney, 1868; King, R. D. 1876; Kirkbride, Thomas S. (3) 1859-80; Kirkland, J. P. 1867; Kite, Thomas, 1863; Kittoe, Edwd. D. (3) 1859-70; Klett, Fred. 1868; Kline, A. C. 1869; Klocherspenger, W. D. 1872; Kneass, Strickland (3) 1863-64; Knowlton, W. J. (8) 1880-84; Knox, W. F. (2) 1881; Koch, Albert, 1867; Kollar, Noah (2) 1859-60; Krebs, W. 1859; Kuhlke, I. 1869; Kunz, George F. (9) 1878-84;

LaBau, N. B. (2) 1852; Lamb, T. W. 1876; Lamb, Wm. W. 1867; Lambert, John (2) 1873-81; Lamborn, Robert (5) 1868-79; Landis, H. 1861; Lane, L. C. 1873; Langstroth, A. T. 1850; Langstroth, L. L. 1860; Langton, T. Brantly (2) 1870; Lapham, Increase Allen, 1866; Larison, C. W. (2) 1860-79; Larison, George H. 1869; Latrobe, Jno. H. B. 1863; Lauber, Ph. J. 1877; Lawrence, Clara E. 1876; Lawrence, E. A. 1872; Lawrence, Geo. N. (7) 1859-70; Lawrence, Geo. W. (55) 1867-82; Lea, Henry C. (2) 1880; Lea, Isaac (27) 1861-84; Lea, (Mrs.) Joseph, 1883; Leake, E. F. 1863; Leaming, G. F. (5) 1862; LeConte, John, 1879; LeConte, John L. (5) 1863-82; LeDuc, Wm. G. 1881; Lee, S. D. 1876; Leeds, Albert R. (2) 1873-82; Leffman, H. 1885; Lehnihonk, Theodor, 1876; Leidy, Asher (4) 1864-67; Leidy, Joseph (58) 1851-90; Leidy, (Mrs.) J. n. d.; Leidy, "Nallie", n. d.; Leidy, Philip (7) 1863-76; Leidy, Susan (2) 1882;

LeMoyne, F. (3) 1867-70; Lesley, J. P. (3) 1859-79; Lesley, Susan J. 1877; Lesquereux, Leo, 1867; Levick, James J. 1877; Lewis, F. W. (9) 1869-81; Lewis, Grace Anna (7) 1870-84; Lewis, Henry C. 1879; Lewis, Julia Foulke, 1882; Lewis, Samuel, 1879; Lincecum, Gideon (4) 1867;

## Coll. 1-B (cont.)

Lindahl, Josua (2) 1881; Lindsley, Thales, 1880; Linn, H. J. (2) 1878; Linn, S. H. (5) 1877-84; Linton, H. B. 1861; Lippincott, E. 1879; Lippincott, Henry, 1867; Lippincott, J. B. 1867; Lippincott, Joshua, 1860; Lloyd, Saml. (3) 1863; Lockwood, Geo. M. 1879; Longstreth, Morris, 1871; Longstreth, M. A. 1876; Loosey, C. F. 1859; Lorenz, M. (2) 1879; Ludlow, J. L. (2) 1860-62; Ludlow, James R. (2) 1863; Lynd, Jas. 1865; Lyon, Victor W. 1880;

Maack, G. A. (4) 1872-73; McAllister, Wm. F. (3) 1870; McCann, James, 1880; McCaskey, Geo. M. 1879; McCaulay, John E. 1881; McClellan, J. H. B. 1868; McClintock, James, 1868; McClintock, S. R. 1866; McClune, James, 1872; McCurdy, H. I. 1860; Macdowel, W. H. 1879; McElroy, Thos. E. (3) 1871; McGinley, Rebecca M. 1879; McGonegale, E. J. 1863; MacKall, Louis, 1860; McKee, J. C. 1873; McLaughlin, John, n. d.; McMahan, F. S. S. 1859; McMurtry, L. S. 1882; McQuillen, J. H. (10) 1867-76; McSirley, J. P. 1868; Mactier, Wm. L. (4) 1868-81; Magill, Dora, 1882; Magill, Edw. H. (29) 1871-86; Magill, Helen, 1884; Magoffin, Montrose M. (2) 1870-78; Maguire, Geo. A. 1872; Malone, Benj. (4) 1867; Mann, Wm. B. 1862; Marcy, A. (3) 1870-75; Maris, Geo. L. 1877; Marnock, G. W. (3) 1877-79; Marsh, Benj. V. (2) 1880-81; Marsh, O. C. 1882; Marshall, D. B. 1861; Martin, D. S. (2) 1874; Martin, J. R. 1876; Martin, W. G. 1859; Martindale, Jos. C. (2) 1862-72; Mason, Jarvis, 1875; Mason, Wm. D. H. 1872; Massey, Josie W. 1858; Mastin, C. H. (6) 1867-81; Matthews, Chas, W. (2) 1880; Maxwell, John K. (2) 1877-81; Mazarredo, Ramon de (2) 1880;

Mead, T. H. 1884; Meehan, Thos. (7) 1869-80; Meek, F. B. (14) 1856-71; Meigs, J. A. 1868; Meissell, Joseph, 1869; Melick, L., 1870; Melick, Wesley (3) 1857-86; Mendenhall, Geo. 1860; Messchert, M. H. (5) 1870-85; Metcalf, Jewitt, 1873; Meyer, Chas. C. 1879; Michel, R. F. 1857; Michels, John (3) 1879-80; Michener, E. 1881; Mickleborough, Jno. (2) 1879-80; Miller, G. n. d.; Miller, N. C. 1880; Miller, Tho. 1858; Milton, Jas. H. F. 1860; Minor, James M. 1859; Mitchell, S. Weir (4) 1863-84; Monks, Sarah P. (4) 1877-80; Moore, B. F. 1880; Moore, Carlton R. (2) 1862-73; Moore, Clara J. Bloomfield, 1890; Moore, E. M. 1860; Moore, Mary, 1885; Moorehouse, Geo. W. 1880; Morgan, F. S. 1872; Morgan, L. H. 1866; Morris, Caspar (2) 1871; Morris, F. B. 1884; Morris, J. Cheston, 1859; Morris, Robt. T. 1881; Morse, J. W. 1873; Mortimer, Jno. H. 1875; Morton, Henry, 1870; Morton, Thomas G. (2) 1872-81; Moseby, N. R. 1861; Muhlenberg, Wm. F. 1872; Munger, T. C. 1858; Munson, W. W. 1880; Musselman, (Mrs.) F. A., 1879; Mussey, R. D. (3) 1859-63; Myers, W. H. 1867;

Nancrede, C. B. (2) 1879-80; Neal, Jas. C. 1884; Neill, Jno. 1862; Nelson, A. B. 1874; Nesbit, E. G. (3) 1872; Newberry, J. S. (7) 1860-74; Newcomb, Wm. (2) 1870; Nichols, Wm. C. 1858; Nims, C. D. (6) 1868-84; Nolan, Edw. J. (2) 1880; Nonamaker, J. H. 1871; Norcom, Wm. A. B. (11) 1858-71; Norris, Wm. F. 1882; Norton, O. D. 1876; Nott, J. C. (14) 1856-71; Noyes, Hiram J. 1870; O'Connor, Isaac B. 1863; Ogden, Charles S. 1879; Ogden, Edward H. (3) 1883-85; Oliver, Allen H. 1881; Oliver, Geo. P. 1862; Orr, Hector, 1867; Orth, H. L. 1881; Orton, James (2) 1866-69; Osborn, H. S. (4) 1867-74; Osborne, H. G. 1863; Owen, D. D. (3) 1860; Owen, Richard (2) 1857-61.

## Coll. 1-B (cont.)

Packard, A. S., Jr. (2) 1875-80; Packard, John H. (6) 1863-82; Packard, Nell A. (2) n. d.; Paine, Charles, 1870; Paine, W. 1869; Painter, Fredk. 1875; Pancoast, Joseph (2) 1860-78; Pancoast, Wm. H. 1870; Pardue, Geo. H. 1883; Paret, J. D. (2) 1880-90; Paris, Jos. S. 1860; Park, Roswell, 1881; Parke, C. R. 1862; Parker, Andrew J. 1879; Parrish, Edward (3) 1870-71; Parrish, S. C. (2) 1880; Paul, Jno. Rodman, 1861; Paulin, Eugene, Jr. 1880; Paullin, Mr. 1862; Pausant, Justino Valdes (3) 1863; Peale, A. C. (2) 1876-79; Pearsall, Jo. D. 1867; Pearse, Jno. B. 1876; Peck, Elizabeth L. 1881; Peckham, S. F. (2) 1879-80; Peirce, John, 1860; Peirce, Wm. S. (3) 1860-67; Pennypacker, Chas. H. (5) 1882; Penrose, R. A. F. (2) 1878-79; Pepper, Wm. (6) 1867-83; Perkins, H. L. 1870; Petrie, James A. 1872; Phillips, G. W. 1869; Piersol, Geo. A. 1884; Pilling, James C. 1884;

Planton, (Mrs.) J. 1862; Pleasants, James A. 1859; Pleibel, D. F. (2) 1872-85; Plim, John, 1877; Plunket, J. W. 1871; Polk, D. F. 1879; Pollock, Wm. J. 1884; Porter, Thos. C. (18) 1867-84; Post, John, 1866; Potter, B. (2) 1863; Potts, Edward (4) 1880-82; Potts, H. N. 1881; Powel, Mary (2) 1862-63; Powel, Mary Edith, 1884; Powel, Samuel (10) 1856-72; Powell, J. W. 1874; Powers, Stephen, 1880; Price, C. J. (5) 1862-70; Price, Eli K. 1876; Prime, Frederick, Jr. 1877; Prioleau, J. Ford, 1871; Pryon, Chas. R. (2) 1857-61; Pugh, T. B. 1875; Pumpelly, Raphael, 1880; Putnam, F. W. 1890; Queen, James W. 1860; Quinby, B. F. 1880; Quinlivan, John A. 1876;

Raevis, Janus E. 1889; Ralston, J. Grier (7) 1868-72; Ralston, Jno. K. 1882; Rand, Theo. D. (4) 1867-82; Rau, Eugene A. (8) 1879-82; Rea, R. L. 1859; Reakirt, E. L. 1867; Redfield, John H. 1879; Reed, R. Harvey, 1882; Reid, Peter, 1869; Reynolds, S. 1871; Rice, John, 1870; Richards, Benj. W. 1882; Richardson, Abner S. 1870; Richardson, Jos. G. (2) 1868-71; Richardson, Jos. G. (2) 1868-71; Richardson, M. C. B. 1862; Rickard, A. G. (2) 1881; Ridgway, Robert, 1876; Riley, C. V. (7) 1869-84; Rittenhouse, John, 1868; Robbins, Geo. J. (2) 1874-75; Roberts, B. (3) 1867; Roberts, G. B. 1882; Roe, Jos. B. 1862; Roebuck, D. Y. 1870; Roepper, W. Th. (3) 1868-75; Rogers, Fanny L. n. d.; Rogers, H. V. (3) 1882; Rogers, R. E. (6) 1871-81; Rogers, T. C. 1867; Rood, Ogden, N. 1882; Rosengarten, J. W. 1880; Rothrock, J. T. (2) 1871-79; Rowand, J. Randolph, 1871; Rucker, J. J. 1874; Ruschenberger, W. S. W. (4) 1859-85; Rush, William H. 1873;

Saeger, Eli I. 1874; St. John, Oastis. 1882; Salisbury, J. H. (2) 1864-69; Samuel, John, 1878; Scatterfield, G. A. (6) 1859-63; Saunders, Dudley D. 1868; Saunders, Herbert, 1878; Sawyers, James A. 1873; Schaeffer, Ch. (2) 1861-70; Schafhirt, Fred. 1861; Schelby, Joel Y. 1857; Schell, Henry S. (6) 1863; Scherzer, D. 1873; Schmidt, H. D. (33) 1860-85; Schmidt, L. W. (3) 1878-79; Schoney, L. 1881; Schrenk, Jos. 1878; Schuckardt, Theodor (2) 1877-79; Schultz, S. S. 1867; Scoffin, F. 1867; Scollick, Jos. W. 1881; Scudder, Sam. H. (3) 1869-84; Scull, S. A. 1873; Seabrook, C. C. 1878; Searle, L. B. 1882; Seibert, J. L. 1882; Seidensticker, O. 1859; Seip, Amos (3) 1880-82; Sellers, Wm. (4) 1872-86; Semper, C. 1877; Senderling, P. M. 1876; Sergeant, J. D. (2) 1870; Sewell, C. A. 1882; Sewell, W. J. (4) 1879-81; Sexton, Samuel, 1877;

## Coll. 1-B (cont.)

Sharp, Benj. (2) 1885; Sharpless, A. N. 1863; Sharpless, Charles, 1867; Shaw, Fred C. 1875; Sheaffer, P. W. 1867; Shepard, C. U. (3) 1871-72; Sheppard, Edwin (2) 1871-77; Shoemaker, Jno. V. 1879; Shufeldt, R. W. 1881; Shumard, B. F. (3) 1859-60; Sibbet, R. L. 1874; Siebrecht, Geo. 1871; Sietz, C. A. 1884; Simons, M. Laird, 1880; Sims, J. Marion, 1882; Sims, J. R. 1872; Sinclair, T. 1867; Singer, Edgar A. 1877; Skillern, G. R. 1856; Sleeper, Edwin, 1863; Smith, Alexis DuPont, 1882; Smith, Aubrey H. (26) 1861-70; Smith, C. L. 1886; Smith, C. M. (4) 1872-73; Smith, Chas. E. (13) 1862-88; Smith, D. C. W. n. d.; Smith, Francis G., Jr. (4) 1859-76; Smith, G. B. 1870; Smith, Geo. (4) 1863-80; Smith, Henry H. (4) 1862-77; Smith, Horace J. (3) 1871-72; Smith, Howard, 1876; Smith, J. Lawrence (7) 1866-73; Smith, M. A. 1862; Smith, Mary Rose, n. d.; Smith, O. C. (2) 1871; Smith, O. H. 1882; Smith, Robert Meade (2) 1878; Smith, Royal, 1877; Smith, S. D. 1868; Smucker, Edwin M. 1884; Smucker, S., Jr. 1881; Smythe, D. Port, 1879; Smythe, Roland M. n. d.;

Solis-Cohen, J. (4) 1868-82; Sommerville, Maxwell, 1877; Sourel, A. 1863; Sozinskey, Thos. S. 1882; Spang, N. (4) 1879-81; Sparks, Thos. 1870; Spear, Julia H. 1881; Spillman, W. (5) 1866-80; Spooner, H. K. 1861; Stadtmüller, L. (7) 1871-77; Starr, F. R. 1868; Starr, Louis, 1876; Start, Frank, 1874; Stebbins, B. P. 1880; Stebbins, Chas. S. 1873; Steck, Chas. 1879; Steele, H. F. 1868; Steele, J. Daman (2) 1871-73; Steere, J. B. 1880; Stellwagon, Thos. C. 1876; Stephenson, F. B. 1874; Stevens, W. B. 1867; Stevenson, J. (3) 1873-77; Stevenson, Jas. (2) 1868-71; Stevenson, Jno. J. (4) 1869-80; Stewart, Albert B. 1881; Stewart, R. (2) 1862; Stiles, R. Cresson, 1869; Stille, Alfred (5) 1872-83; Stimpson, Wm. (2) 1866; Stodder, Chas. (3) 1871-74; Stout, A. C. 1858; Stout, F. 1860; Stout, Frank (2) 1874; Stover, J. Jeff. 1862; Struthers, John, 1876; Stürtz, B. 1889; Sully, Alf. 1857; Summerell, J. J. 1861; Swain, W. John, 1873;

Talbutt, Chas. B. (2) 1856; Tatum, Geo. M. 1870; Taylor, J. N. 1880; Taylor, J. Richard (6) 1880-83; Taylor, J. S. 1876; Taylor, John T. 1880; Taylor, Thomas (5) 1878-81; Taylor, W. I. (2) 1859-62; Thackeray, Will. T. (2) 1874; Thatcher, Edw. P. 1867; Thayer, J. B. 1867; Thomas, B. W. (2) 1879-82; Thomas, C. 1873; Thomas, Edw. J. B. (2) 1873-77; Thomas, J. (2) 1864-73; Thomas, Will. Geo. 1871; Thompson, Eugene M. 1872; Thompson, J. W. 1859; Thompson, R. E. 1880; Thomson, John H. (3) 1860-61; Thorn, Geo. W. (2) 1870; Thornton, S. C. (12) 1869-74; Tiedeman, Heinrich (2) 1877; Tiedeman, Fred. 1879; Tingley, W. H. (4) 1855-63;

Todd, James René, 1861; Tolles, R. B. 1867; Tomlinson, Horatio M. (2) 1881-82; Trautwine, John G. (4) 1863-81; Travis, B. D. T. (2) 1885; Trelease, Wm. 1880; Troth, Oliver, 1882; Trull, Washington B. 1863; Truman, Geo. S. 1873; Truman, James (3) 1884-85; Trussell, Edwin, 1872; Tryon, Geo. W., Jr. (7) 1868-85; Tucker, Ernest F. (3) 1881-82; Tuomey, M. n. d.; Turnbull, Chas. S. (3) 1870-72; Turner, Eliza S. 1879; Turner, Henry Ward, 1882; Turner, M. A. 1867; Turner, R. S. 1871; Turner, Wm. M. (2) 1867-69; Tyler, W. Graham, 1880; Tyrrell, J. B. 1882; Tyson, James (19) 1871-82; Tyson, Philip T. 1871; Tyson, Samuel (10) 1869-71;

## Coll. 1-B (cont.)

Uhler, P. R. 1864; Umberger, Anna T. (7) 1860-73; Umberger, Clara, 1867; Ussery, B. W. 1858; Valentine, John K. (2) 1872-79; Van Buren, Wm. H. 1869; Van Fries, Thos. C. 1868; Van Nest, Rymir. 1879; Van Wyck, C. C. 1866; Vanuxem, F. B. 1868; Vaux, George (3) 1882-83; Vaux, Wm. S. (14) 1863-79; Veatch, Charles, 1868; Vinton, Charles Harrod, 1877; Vogales, A. W. (5) 1873-77;

Wagner, Edward, 1880; Wagner, Louis, 1884; Walker, G. Z. 1879; Walker, H. D. (7) 1884; Walker, James S. 1860; Walker, Jerome (2) 1882-84; Walker, John T. 1879; Wallace, Dr. 1870; Walmsley, W. H. (3) 1870-73; Walsh, Benj. D. 1869; Wanner, Cyrus, n. d.; Ward, Butler (2) 1871; Ward, Henry A. (14) 1862-82; Warner, John, 1861; Warren, Benj. Harry (3) 1879; Watson, B. A. 1880; Watson, Henry C. 1859; Webb, J. H. (6) 1863-70; Webb, R. D. 1868; Webb, W. E. 1868; Webb, W. H. (6) 1863-70; Weeks, S. H. (2) 1870-76; Weidle, A. T. 1861; Weidman, Graub 1868; Welsh, Jno. 1868; West, F. B. 1882; Westcott, C. S. 1870; Wetherill, Chas. M. (3) 1862-71; Wetherill, T. M. (3) 1879;

Wharton, Alfred, 1860; Wharton, Joseph (9) 1872-85; Wheatley, Chas. M. 1871; Whistler, S. M. (5) 1870-77; Whitaker, Benj. R. 1868; White, A. D. 1885; White, C. A. 1879; White, J. W. (4) 1873-80; White, J. William (2) 1884-85; White, Stephen, 1870; White, W. H. (2) 1882; Whitehead, M. 1861; Whiteman, H. (5) 1867-71; Whitfield, R. P. 1882; Whitman, C. O. (2) 1880-84; Whitman, W. E. 1859; Whitney, J. D. (2) 1862-71; Whitney, Thos. J. 1876; Whitney, W. D. 1863;

Wilcocks, Alex. 1872; Wilder, Burt G. (6) 1861-76; Wilhelm, August, 1863; Wilhelm, W. W. 1881; Willard, Mr. 1870; Willcox, Joseph (20) 1872-85; Williams, Chas. P. 1870; Williams, G. A. 1862; Willis, Oliver R. 1873; Williston, S. W. 1881; Wilson, A. 1879; Wilson, Edward R. 1882; Wilson, Ellwood, 1878; Wilson, Geo., Jr. (2) 1875; Wilson, J. B. (2) 1855-60; Wilson, J. Frank, 1869; Wilson, J. S. (2) 1870-71; Wilson, P. B. 1876; Wilson, T. B. 1862; Winder, R. B. 1879; Wing, S. R. (2) 1873-81; Winslow, W. H. 1881; Wintersteen, A. H. 1877; Wistar, I. J. (2) 1876-77; Witherspoon, W. M. 1872; Witmer, N. Jos. 1881; Witter, F. M. (2) 1879; Wolle, Francis (2) 1877-82; Wood, Alphonso, 1868; Wood, Geo. B. (5) 1863-74; Wood, H. C. (2) 1877-80; Wood, Richard, 1880; Woodman, H. T. 1884; Woodward, J. J. (4) 1863-80; Woodworth, Jno. M. 1878; Worthen, A. H. (3) 1867-71; Wright, Bryce, 1880; Wright, Bryce M. 1875; Wurts, Charles Stewart, 1872; Wyman, J. 1856;

Yardley, Jno. L. 1870; Yocum, W. F. 1876; Youmans, E. L. 1876; Young, James W. (2) 1876; Young, Oliver C. 1862; Zell, T. Ellwood, 1870; Zentmayer, Joseph, 1878; Zimmerman, D. W. (7) 1879-83; Zimmerman, J. D. 1882.

LEIDY, JOSEPH, 1823-1891. Miscellanea, mostly of an extra-curricular nature, 1860-90. 27 items.

Lectures on corals, sponges and the origin of organisms; quotations from Addison suggesting evolution; toast to "Science" made at the Coleridge din-

ner; bibliography of Leidy's writings, 1868-73; reports on blood stains for the coroner's office in Philadelphia, and on the condition of the Museum of Natural History at Swarthmore College; lists of minerals received from the Christiana University in Norway, of a collection of precious stones from J. R. Cox, with identifying notations by Leidy, of the Robert H. Lamborn diamond collection and lists of minerals sent to the British Museum and to Brazil; papers regarding Leidy's investigation of "Spiritualism" for the University of Pennsylvania.

Gift of Philip L. Leidy, Mar. 14, 1944.

\*Coll. 2

LEIDY, JOSEPH, 1823-1891. Pictorial material, 1833-65. 717 items.

Leidy acted as his own artist to illustrate his scientific writings, the originals being done in pencil or watercolor. Such sketches make up the bulk of this collection, being drawn on small cards, or backs of social invitations and announcements, thus making a nondescript assortment of color, size and shape. Included is a small notebook of penciled pictures of shells, made by Leidy at the age of ten.

In lighter vein is a cartoon from the decorative panel of Samuel Powel's fireplace, entitled "Dreadful catastrophe for four entomologists" dated July 10, 1865, depicting frogs as entomologists, which are being devoured by grasshoppers. The stampless covers of his letters to S. S. Haldeman were sometimes embellished by facetious natural history sketches in color.

Gifts of Benjamin Sharp (1906) G. A. Piersol (1919) E. J. Nolan (1923) Joseph Leidy, II (1940) the Frank J. Keeley estate (1952) and of Mrs. W. N. Churchman (1955).

\*Coll. 3

SCHWEINITZ, LEWIS DAVID VON, 1780-1834. Miscellanea, 1802-03. 34 items.

Various writings, some book length and bound, others on mere scraps of paper, with titles supplied where none were designated by Schweinitz. Observations of the author on fungi, mosses, ferns, carices and flowering plants with comments on Elliott's Plants of the United States, on Link's System of Fungi and on Say's "List of plants collected in the North Western Territory."

In part bequeathed by the author in 1834, the others from George E. de Schweinitz in 1903 and 1938.

\*Coll. 4

ANSP. BUILDINGS. Construction plans, 1837-93. 372 items.

Includes agreements and specifications, bids and estimates of costs, accounts, reports of the Committee to Procure Plans, correspondence, lien releases, as well as plans and blueprints of the various buildings owned by the Academy between 1839 and 1892.

\*Coll. 5

Signers of letters and documents:

## Coll. 5 (cont.)

Armstrong, William & Co. (9) 1874-94; Barnett, Thomas (2) 1875; Beamer, Ferdinand M. (8) 1891-92; Belfield, T. Brown, 1869; Bement, William B. 1867; Beriden, J. M. (2) 1889-90; Bradin, James A. 1890; Bradin, Oliver (2) 1875; Brinton, J. Bernard (13) 1869-92; Brown, John A. 1867; Bucknell, William, 1871; Budd, John B. (3) 1866; Cadwalader, John (2) 1891; Childs, George W. 1877; Clark, J. H. & Co. 1867; Clay, H. S. (2) 1872; Cope, Alfred, 1866; Cope, Edward D. (2) 1866; Cope, Francis R. 1866; Cramp, Henry W. 1890; Creswell, Samuel J. (4) 1892-94; Dallam, J. W. & Co. (2) 1894; Dixon, Samuel G. (6) 1892-94; Dougherty, William R. (5) 1890-91; Dulles, Joseph H. 1887; Everly, Adam (11) 1875-76; Foltz, J. M. 1870; Frazer, Furness & Hewitt (5) 1868;

Graff, Fred C. 1867; Gutekunst, F. 1874; Haines, J. V. 1872; Halliwell, J. W. (2) 1879; Harrison, A. W. 1874; Harvey, Alex G. 1870; Haseltine, Ward B. 1866; Havens, Lewis, 1890; Hearn, Edward David, 1871; Heilprin, Angelo (26) 1890-91; Hempsey, W. C. 1876; Hoopes, B. A. 1866; Hutchinson & Drake (2) 1872; Jeanes, Joseph (4) 1869-71; Jefferis, William W. 1889; Jenks, Randolph, 1874; Jenks, W. F. 1874; Jennings, A. B. n. d.; Johnson, William H. (2) 1875; Johnston, James, 1890; Judson, Oliver A. (4) 1875-90;

Ketcham, B. 1873; Kimes, Jesse B. (2) 1875; King, D. Rodney (3) 1868-70; Kosenko & Hetherington Mfg. Co. 1891; Lea, Henry C. (4) 1867-74; Lefler, J. George, n. d.; Leidy, Joseph, 1874; Lening, Charles (2) 1866-71; Lesley, J. 1865; Locke Slate Co. 1875; Logan, Dickinson, 1874; Lovering, Joseph S. (2) 1866-71; Macomb, Henry S. (2) 1872-75; Mactier, William L. 1867; Martindale, Issac C. (13) 1889-92; Meehan, Thomas B. (4) 1867-89; Mellor, John B. 1871; Miller, Joseph William, 1871; Mitchell, James T. 1871; Mitchell, James T. 1871; Morris, Wheeler & Co. (2) 1873; Neal, J. B. 1872; Nolan, Edward J. (22) 1884-94; Norris, Isaac (2) 1893-95; Payne, George F. 1893; Perot, Charles P. (16) 1893-94; Phillips, Moro (5) 1876; Phoenix Iron Co. (40) 1869-75; Pouthrey, C. W. 1874; Rici, John (5) 1867-69; Ritchie, C. D. 1875; Ruschenberger, W. S. W. (6) 1869-91;

Schäffer, Charles, 1879; Sellers, William (4) 1890-94; Shipley & Vaux (3) 1890; Silver, E. B. de, n. d.; Sinclair, Thomas, 1871; Smith, Charles E. 1890; Smith, Uselma C. (7) 1887-90; Smith, Walter B. n. d.; Sowers, William H. (2) 1869-74; Spackman, S., n. d.; Sparks, Thomas, 1870; Steele, Edward T. 1879; Stone, Witmer (2) 1893; Trautwine, John C. (4) 1868; Tryon, George W. (8) 1866-86; Vaux, George (14) 1869-90; Vaux, William S. (24) 1866-76; Vulcanite Paving Co. 1892; Warner, John (2) 1871; Watson, George & Son (3) 1873-90; Welsh, Sam C. 1866; Welsh, John (9) 1867-71; Westcott, Thompson, 1870; Whelen, Edward S. (2) 1864-93; White, Samuel S. (5) 1866-67; Whitney, J. S. (2) 1889-92; Williams, Edward, 1875; Wilson Brothers & Co. (87) 1892-94; Wilstack, W. P. (2) 1866-67; Windrim, James H. (68) 1868-92; Windrim, John L. 1892; Wistar, I. J. (29) 1889-94; Wood, Richard (2) 1890-92; Wood, Robert & Co. (2) 1875-76; Wood, Walter, 1874; Yerkes, Lewis A. 1892; Yungman & Waln, 1893.

ANSP. COUNCIL. Minutes and related documents, 1870-1951. 56 items.

The Council was first mentioned in the bylaws of 1866. Since that time it has passed through many changes in its functions, responsibilities and authority. These are recorded in the editions of 1869, 1893, 1924 and 1951. The minutes of the Council meetings have been preserved in three folio minutebooks, covering the years 1870 to 1951. Also present are two categories of loose documents, i. e. annual lists of members, 1887 to 1914, and the attendance rolls for the same years. Coll. 6

HEILPRIN, ANGELO, 1853-1907. Expedition to Yucatan and Mexico, 1890. 81 items.

This expedition, the first official one of the Academy, included J. E. Ives, Roberts LeBoutillier, Witmer Stone and Frank C. Baker in the party. Arriving on the 22nd of February, they covered the territory of the northwestern part of Yucatan and the Mexican highlands in the vicinity of Orizaba. Natural history specimens were gathered and photographic records of the ecological conditions and the contours of the country through which they travelled, were taken. The short time spent in the field ended in June of 1890, but the resultant additions to the Academy's museum collections were great. Accounts of the results appeared in the Proceedings of the Academy for 1890. Two documents from the U. S. State Department are retained here, documents which paved the way for the party. Coll. 7

Signed by James G. Blaine and Avery A. Adee.

LEIDY, JOSEPH, 1823-1891. Personalalia. 8 items.

Biographical notes in the form of a memorial address by William Hunt; actual copy of the medal of the American Association of Anatomists, bearing the head of Leidy in relief; invitations and cards of admission to social events; the deed to the Leidy cemetery lot; Leidy's eyeglasses in case; his classroom pointer and ruler.

Gifts of Philip L. Leidy, P. P. Calvert, Joseph Leidy, II, and Mrs. W. N. Churchman, donated between 1928 and 1955. \*Coll. 8

LEIDY, JOSEPH, 1823-1891. Likenesses, 1854-89. 55 items.

Included are photographs, etchings, engravings, and an ink transfer silhouette of Leidy. Many are informal pictures of the man at work.

Gifts of Thomas Barbour, the William Foulke estate, Philip L. Leidy and Edward E. Corson, between the years 1937 and 1959. \*Coll. 9

ANSP. BUILDING COMMITTEE. Papers, 1866-78. 43 items.

Records of the Building Committee which was set up by a special Board of Trustees, appointed to administer the funds collected for the erection of the new Academy building, opened in 1876. Included are resolutions, minutes

and bills of the committee, chaired by W. S. W. Ruschenberger. \*Coll. 10

BAILY, WILLIAM LLOYD, 1828-1861. Hummingbird paintings. 4 vols. (58 plates).

Writer and nature artist, Baily published several books on flowers, birds and trees, but his most noteworthy achievement was this hand-painted work on hummingbirds, which was never printed. His friends and correspondents included Asa Gray, Spencer F. Baird and John Gould.

The four volumes of quarto size contain 58 plates, with accompanying descriptions. Each volume contains a fine engrossed title-page and a "Contents." The paintings are notable for the portrayal of the iridescence on the plumage of the birds, a technique invented by Baily, accomplished by the use of gold and silver foils. A relative, John Collins by name, assisted Baily in the artistic work, several plates actually carrying the signature "J. Collins."

Presented to the Academy in 1946 through the auspices of W. L. Baily of Haverford, Pa., by the owners, Samuel L. Baily, Jr., William L. Baily, Carrie Baily Aaron and Alfred W. Baily, who had inherited them from their uncle, the artist. \*Coll. 11

LEIDY, JOSEPH, 1823-1891. Memorials and commemorative meetings. 1883-1923. 1537 items.

Papers, including poems (One by Oliver Wendell Holmes) and biographies, relating to a dinner given in his honor, 1883; the Memorial Meeting at the time of his death, 1891; the Presentation of the Leidy portrait to the Academy of Natural Sciences, 1892; Nolan's "In Memoriam," 5 vols., 1898; Leidy Memorial Committee, which erected his statue in City Hall, Philadelphia, 1907; the inauguration of the Leidy Memorial Foundation at the University of Pennsylvania, 1913; and the Leidy Commemorative meeting on the centenary of his birth, 1923.

Gift of Edward J. Nolan, Philip L. Leidy and others, 1891-1944.

Signers of letters and documents which are all dated 1923 except as otherwise designated: \*Coll. 12

Abbot, C. G.; Abbot, Geo. Maurice; Adams, J. H. (2) 1906; Alexander, Wm. H.; Allee, W. C. (2); Allen, E. J.; Allen, Glover M. (3); Allen, Harrison, 1891; Almeida, O. O. de; Ames, Oakes; Anderson, C.; Aquilar, R. (2); Archibald, R. G.; Arndt, C. H.; Ashton, Taber; Atkins, Chas. D.; Atwood, Wallace;

Baker, Rhodes S.; Ball, E. D. (2); Barnes, Gertrude; Barrett, S. A.; Barrows, Albert L.; Barth, Geo. P.; Bartsch, Paul; Bassler, R. C.; Bean, R. Bennett; Bedobe, M.; Beebe, Wm.; Belinfante, L. L.; Bell, Laura; Blake, J. Henry; Bolk, Mr.; Bolton, Thaddeus L.; Bowman, Isaiah (2); Braisted, Wm. C.; Britton, N. L.; Brockett, Paul; Brooks, Stratton D.; Brown, Thos. J.; Bryant, Henry G.; Buck, John J.; Buehler, H. G.; Bunting, Chas. A.; Burgess, A. F.; Burr, Chas. W.;

Calvert, P. P.; Campbell, W. W.; Chamberlain, Ed. B.; Chapman, H. G.,

1853; Clapp, C. H.; Clark, Annetta; Clark, Eugene F. (2); Clark, Walton (2); Clarke, F. W. (2); Clarke, John M.; Cockerell, T. D. A.; Cocks, Wm. W.; Cowdry, E. V.; Crandall, Lee S.; Crook, A. R.; Crozier, W. J.; Cundall, Hank; Cunningham, Bert; Dall, Wm. H.; Darrach, Jos. 1891; Darrach, Wm.; Dean, Bashford (3); Deane, J. B.; Dercum, F. X.; Dickinson, Harry P. (2); Dinwiddie, A. B.; Ditmars, Ray. L.; Donaldson, Henry H. (4); Dorrance, Frances; Dunway, C. A.; Dwight, Jonathan;

Eaton, Geo. F.; Ellery, Edw. (2); Evermann, Fritz; Ewing, H. E. ; Fackenthal, Frank D.; Febiger, Christian; Flexner, Simon (2); Fourcart, Taylor; Fox, Carroll; Fox, Henry; Fox, Wm. J. (2); Frazer, Persifor, 1892;

Gage, Simon H.; Garman, Harrison; Garrey, W. E.; George, Florence Franck (3); Getty, Lillian B.; Gidley, J. W.; Gilbert, Walter W. (2); Gillette, Edna M.; Gilpin, F. Robert; Goldfarb, A. J.; Goodnow, Frank J. (2); Goodspeed, Arthur W.; Gow, J. Steele; Grant, Madison; Greene, Chas. W. (2); Greenman, M. J. (2); Gregory, Herbert E.; Greywacz, Kathryn B.;

Hadley, C. H. (2); Hare, H. A. (2); Harmer, S. F.; Hartman, M. W.; Harvey, B. Ch.; Haskell, R. J. (2); Haythorn, Sam. H.; Heilprin, Angelo; 1891; Henshaw, Sam.; Herre, Albert W. C.; Hess, Geo. W.; Hickok, E.; Hill, David Spence; Hills, Chas.; Hinsdale, Guy; Holland, W. J.; Hollick, Arthur; Hornaday, Wm. T. (3); Hovey, E. O.; Howard, L. O. (3); Howarki, O. J. R.; Howe, Marshall A.; Howland, Henry R.; Huber, G. Carl; Huergo, Edwards (2); Hunnewell, F. W.; Hunt, Chas. W.; Hutchins, Robt. M.;

Ireland, M. W.; Jackson, B. Dayton; Jackson, C. M. (4); Jameson, Jos. M.; Jennings, H. S. (5); Jessup, W. A.; Johnson, Ralph L.; Jones, S. M.; Kaiser, Geo. B.; Kellogg, Vernon (2); Kelsey, Carl; Kemp, Jas. F.; Kidder, A. V.; Komai, Takie; Kunkel, B. W.; Kunz, Geo. F.;

LaGorce, John O.; Larsell, O.; Lawall, Chas. H.; LeConte, Robt. G. (2); Leeliger, H.; Leeper, Alex. (2); Leidy, Joseph (3) 1882-91; Leidy, Joseph II (7); Leng, Chas. W.; Lericke, A. (2); Levick, D. 1891; Lewis, Charles S. (2); Lewis, J. F.; Lewis, J. Volney (2); Lilli, Frank R. (3); Livingston, Burton E. (2); Lohmann, H.; Longman, Herbe A.; Loughlin, G. J.; Lucas, F. A.; Lull, Richard S. (3); Lyman, G. R.;

Macalister, Robert; McClung, C. E.; MacCracken, H. N.; McDonald, Eunice; MacDougal, D. F.; MacFarlane, John M. (3); Macklin, C. C.; Mangin, L.; Mark, Edward L.; Mather, Kirtley F. (3); Matthew, W. D.; Maxon, Wm. R.; Mayer, Louis; Meigs, Ed. B.; Merrill, Geo. P.; Metcalf, C. L.; Metcalf, Maynard M.; Mickelsen, A. A. (2); Miller, Leslie, 1906; Milligan, Florence; Mitchell, P. Chalmers; Monakow, C. von; Montgomery, Thos. C.; Moore, Clarence B. (2); Moore, Geo. D. (2); Moore, Geo. F. (2); Moore, H. A. 1922; Moore, J. Hampton; Moore, J. Percy (6); Morse, Edw. S.; Mumford, Edw. W. (3); Murphy, Robt. Cushman (2); Murray, Samuel, 1906;

## Coll. 10 (cont.)

Nachtrieb, Henry F.; Neilson, Th. R.; Nelson, E. W.; Neumann, Felix; Newman, John (2); Nichols, John Neadwell; Nietzsche, Geo. E.; Nolan, E. J. (4) 1891-1906; Nunn, Roscoe; Oberholser, Harry C.; O'Harra, C. C. (2); O'Kane, W. C.; Osborn, Herbert; Osburn, Raymond C. (2);

Pack, Chas. Lathrop; Palmer, Sam. C. (3); Palmer, T. S.; Pammel, L. H.; Parker, G. N.; Parsons, Chas.; Pascoe, E. H.; Patterson, Ross V.; Pearson, W. O. (2); Peirce, Harold; Pelseneer, Paul (2); Penniman, J. H. (3); Penrose, R. A. F., Jr. (4); Pepper, Wm.; Peter, Alfred; Peterson, C. G. G.; Pettit, A.; Phipps, C. F.; Piersol, Geo. A.; Pont, A. Maclaine; Potter, Julian K.;

Radasch, H.; Rautenstrauch, Walter; Rawle, Francis; Rehn, J. A. G. (2); Reynolds, C. R.; Richards, A.; Richards, C. R. (2); Ridgway, Wm. H.; Riesman, David (2); Robbins, Frank E.; Robert, J.; Roberts, Thos. S. (3); Robertson, Alex.; Roediger, D.; Rohwer, S. A. (2); Rothermel, John G.; Roux, Cl.; Ruffin, F.; Ruggles, A. G.; Ruschenberger, W. S. W. 1892;

Salazar Salinas, L.; Sampson, R. A.; Sands, H. S.; Sartain, Paul J.; Schaffer, F. X.; Schmucker, S. C.; Schuchert, Chas.; Schulte, H. von W.; Schweinitz, Geo. von (3); Scott, John W.; Scott, W. B. (2); Selys Longchamps, M. de; Shull, A. Franklin (3); Silsbee, Francis B. (2); Skinner, Henry (2); Smid, Klein; Smith, Edgar F.; Smith, Edw. B.; Smith, Edwin F.; Smith, Geo. Otis; Smith, Philip S.; Speiser, Felix; Spurr, J. E.; Stimpson, W. G.; Steckbeck, Walter; Stewart, Douglas (2); Stewart, G. A.; Stockard, C. R.; Stone, W. (2); Stromstein, Frank A.; Sumner, F. B.; Sumner, J. W.;

Thomas, Iris M.; Thomas, John M.; Thompson, J. Whitaker; Thompson, W. O.; Timm, R.; Torrey, Chas. C.; Townsend, Chas. Haskins (2); Tunis, Joseph P. (11) 1906-08; Underhill, B. M.; Van Arsdel, W. B.; Van Deloo, J.; Vaughan, T. Wayland; Vaughan, Victor C.;

Waites, F. C.; Walcott, Chas. D. (3); Waldom, A. B.; Ward, M. H.; Weed, Lewis H. (2); Weese, A. O. (2); Weiss, Harry B. (3); Welch, Wm. H.; Wharton, Joseph (2) 1891-1906; Wherry, Edgar T.; White, David (4); Wilbur, Roy Lyman (2); Willcox, Jos. 1891; Williams, Carroll R.; Wilser, T.; Wilson, Edw. B.; Wilson, Gordon; Wood, M.; Woolston, Howard; Young, Henry; Youngken, Heber W.; Zaunick, Rudolph.

SAY, THOMAS, 1787-1834. Letters to the Melsheimers, 1813-25. 17 items.

One letter addressed to F. V. Melsheimer, the remaining 16 to Johann F. Melsheimer, the eldest son. The second son, F. E. Melsheimer completed the trio which were characterized by Say as the "Fathers of American entomology." The letters deal largely with mutual entomological interests, and include much information about Say's collecting trips during the years covered, particularly his trip to Florida in 1817 with Maclure, Ord and T. R. Peale, and the Long Rocky Mountain Expedition.

Presented to the Academy in August, 1844, by Friedrich Ernst Melsheimer.

Published in part in Entomological News in vols. 12 and 13, 1901-02, and republished by Harry B. Weiss and Grace M. Ziegler in 1931 in their biography, Thomas Say, early American Naturalist. Coll. 13

BAILY, WILLIAM L., II, 1861-1947. Papers, 1890-1937. 172 items.

Philadelphia architect and amateur ornithologist, Baily was the prime mover in founding the Delaware Valley Ornithological Club in 1890, and one of the three surviving members to disband the Pennsylvania Audubon Society in 1936. For long years acted as inspector of birds and mammals for the Port of Philadelphia, in which capacity he helped to curtail the sale of bird feathers to fashion experts of the day.

His correspondence with Witmer Stone, which makes up the main part of this collection, was concerned with field trips, bird collecting and recording lists for the Philadelphia area. Some letters were in connection with their mutual interests in the Delaware Valley Ornithological Club and in the Pennsylvania Audubon Society. Included is an acknowledgement of his election to the Academy and a manuscript copy of an article entitled "Vireos of the Eastern U. S."

Gift of C. M. B. Cadwalader who purchased Witmer Stone's papers from Mrs. Stone in 1937. Coll. 14

BARTRAM, JOHN, 1699-1778. Papers, 1757-1941. 102 items.

Pioneer naturalist, known as the "Father of American Botany", his travels covered the Atlantic seaboard from Lake Ontario to the Everglades, during which he made notes on plants, trees, animals, shells and Indians. Grouped here are seven letters to Peter Collinson and items of biographical interest. Commemorative papers about celebrations, schools, expeditions, garden clubs, etc., named in his honor, round out the collection.

In part donated by Frank Bartram, 1943, the remainder by F. W. Pennell. Signers of letters: \*Coll. 15

Anderson, Margaret B. 1939; Bartram, John (7) 1757-58; Buckard, William E. 1939; Hanna, A. J. (4) 1939-40; Harper, Francis (3) 1939-41; Hawley, J. 1938; Klein, M. J. (2) 1938; Lawson, Katherine (5) 1938-39; Nally, L. Julian (4) 1938-39; Pennell, F. W. (11) 1938-40; Pratt, Olga L. 1938; Pyle, Francis C. (12) 1938-39; Thompson, C. Seymour, 1938; Whitney, Paul, 1938.

DOLLEY, CHARLES SUMNER, 1856-1948. Papers about the biography of Joseph Leidy, 1928-60. 347 items.

Philip L. Leidy was desirous of having a definitive biography written of his great-uncle Prof. Joseph Leidy. Dr. Dolley, one of the few students of Leidy still living, in 1933 undertook the work which was financed by the Leidy family. It was done at the Wistar Institute in Philadelphia, in Nassau, in

Japan or on shipboard en route around the world. The papers here preserved reveal the arrangements between Philip L. Leidy and Dolley, with much correspondence about the progress of the biography. A rough draft of Dolley's reminiscences of the days of 1872-73 when he first met Prof. Leidy was prepared, with a bibliography of Leidy's published works, both of which are contained in this collection.

Gift of Philip L. Leidy, 1944, through the intervention of J. Percy Moore.

Signers of letters and documents:

\*Coll. 16

Barbour, Thomas (2) 1933; Birkey, Isaac Meyer (2) 1915; Cook, Harold J. 1934; Corson, Edward F. (2) 1933-34; Dolley, C. S. (51) 1933-37; Everett, Martha (18) 1933-34; Farris, Edmond J. (2) 1939-40; Furlong, E. L. 1934; Greenman, Milton J. (44) 1933-36; Kunz, George F. 1909; Leidy, Channing A. 1934; Leidy, Gertrude (5) 1933-34; Leidy, Joseph (20) 1846-87; Leidy, Joseph, II (5) 1903-32; Leidy, Philip L. (91) 1933-40; Marshall, W. S. 1933; Meyer, A. W. 1933; Minnich, D. E. 1934; Morris, Effingham B. (4) 1932-35; Osborn library (3) 1933-34; Packard, Francis R. 1932; Peck, George Mann 1933; Perine, Clara (31) 1934-37; Phillips, Venia T. 1960; Rehn, J. A. G. 1932; Scott, W. B. 1932; Stengel, Alfred (2) 1937; Wenrich, David, 1960; Wistar Institute (10) 1934-37.

BASSETT, HENRY W. d. 1830. Papers, 1826-30. 2 items.

Amateur botanist and surgeon, U. S. Navy. The journal entries are dated June 20 to Nov. 1, 1826, at the village of Banancas, headquarters for the W. I. Squadron, under L. Warrington, who from 1824-26 commanded a squadron in the West Indies for the suppression of piracy. The craft may have been the U. S. Supply ship Decoy since the first of the journal entries were made on the backs of sheets, printed as forms for the "Report of Sick" on board that ship, with Bassett's name printed at bottom as "Surgeon."

He records plants, collected and described, with identifications, when he was able to make them, but having access only to the old Linnaean names, they are somewhat difficult to synchronize with present-day forms. The collecting data is meagre, but reference is made to Big Bayou, lagoons, marshes, cultivated ground and dry pine barrens. None of the species listed as his 66 herbarium sheets could be located in the Academy's plant collection in 1963.

The second item has the binder's title: "Botanical Catalogue." The systematic arrangement here follows the later system of families, with only a few species listed. Some have collecting data, mostly referring to well-known Philadelphia collectors, so this catalog may have been prepared in connection with a study of the Academy's herbarium. A note on the flyleaf, signed by Joseph Ewan, in 1950 tentatively attributes this catalog to H. W. Bassett, on internal information and identification of the calligraphy.

The early history of this journal is not known, but it was found with F. W. Pennell's papers in the Botany Dept. of the Academy, and archived in 1952.

\*Coll. 17

BROWN, STEWARDSON, 1867-1921. Regional floras, ca. 1895. 3 items.

Lists of plants and detailed collecting data are presented in three papers, one jointly written with Witmer Stone: "Musci Appalachiani," of 35 p.; "Some

Additional Notes on the Flora of Luzerne Co.," by Brown & Stone, 9 leaves; and "Additional Notes on the Flora of Luzerne County, Pa." chiefly from Harvey's Lake and Bear Creek, 10 leaves. Coll. 18

HEBARD, MORGAN, 1887-1946. A new genus and species of Dectinae (Orthoptera) from California, 1908. 1 item.

Orthopterist, curator of insects for the Academy and close associate of James A. G. Rehn with whom he made and financed many field investigations in the United States, in the West Indies, in South America and in Europe. His personal cabinet was bequeathed to the Academy as the Hebard Collection of Dermaptera and Orthoptera. During his lifetime it was augmented by the purchase of unstudied Orthoptera from various parts of the world, and by the Laurence Bruner and the J. L. Hancock Collections. This paper is the first written by Hebard and discusses a new genus, Cyrtophyllicus.

Gift of the author.

Coll. 19

GORDON, SAMUEL GEORGE, 1897-1952. Identification of minerals, 1928-49. 55 items.

Gordon took his first course in mineralogy with Edgar H. Wherry at the Wagner Institute in Philadelphia in 1911-12. He went on to train himself by private study, taking special courses at the University of Pennsylvania and elsewhere. This training culminated in a six months sojourn in Heidelberg, Germany, where he studied with Victor Goldschmidt, 1926-27. His specialized interest in crystallography resulted in the publication, with Victor Goldschmidt as senior author, of the Crystallographic Tables, as the Academy's Special Publication, no. 2. The tables from which this publication takes its being, are here preserved. Combined in the same collection are notations of various original descriptions of minerals. Some 32 are thus treated. He was an officer-elect of the Crystallographical Society of America and of the American Crystallographical Association.

Preserved in the Mineralogical Dept. of the Academy and archived at the death of Gordon in 1952.

\*Coll. 20

Signers of letters and documents:

Angelelli, Victorio (4) 1948; Cochrane, John, 1944; Daggett, E. B. 1949; Fahey, Joseph John (4) 1949; Frondel, Clifford, 1946; Goldschmidt, Victor, 1928; Hallowell, Horace J. (11) 1947.

PETERS, JOHN E. fl. 1866-1924. Papers, 1880-91. 5 items.

The Rev. John E. Peters followed natural history as an avocation, giving special attention to algae and corals. A notebook of some 100 pages entitled "Coral Notes" has general information about the group, with various observations of his own. Also a copy of W. G. Farlow's List of the Marine Algae of the United States, 1880 once the property of Peters, contains his memos and

notes, and evidently was used as a workbook. Thirteen pen and ink drawings, a bibliography of articles by Frank S. Collins, and a list of collectors with addresses are inserted. The volume is also a record of Peters' own herbarium, for which he used code checking. Four letters are tipped in.

Found among the papers of Stewardson Brown in the Botany Dept. by C. Earle Smith, Jr. and archived in 1956. \*Coll. 21

Signers of letters:

Collins, Frank Shipley (3) 1885-91; Hervey, Alpheus Baker, 1885.

WARNER, JOHN, d. 1873. Papers, 1850-70. 222 items.

Amateur mathematician, geological surveyor, earthwork expert and corresponding member of the Academy, Warner bequeathed to the latter his papers and library. The description of his letters, under Coll. 22-A shows the subject field covered by his researches. He lived in Pottsville, Pa. at one time, where he was instrumental in founding the Pottsville Scientific Association which existed in 1855 and 1856 and before whom he gave addresses about his "Organic Morphology." Later he moved to various small towns in Pennsylvania, before retiring to his home in Philadelphia.

Bequest of the author, received at the Academy in 1892. \*Coll. 22

Signers of letters and documents:

Booth, James C. 1854; Foulke, W. Parker, 1858; Schneider, Elias (2) 1856; Whitcomb, W. W. (2) 1857; Winslow, C. F. 1857.

WARNER, JOHN, d. 1873. Correspondence, 1850-64. Microfilm. 257 items.

The Academy deposited these letters at the library of the American Philosophical Society in 1944 where they were analyzed and carded by its staff. I quote from the Society's report: "The collection consists of letters written to and from John Warner, an amateur mathematician of Pottsville, Pennsylvania, during the years 1850-1864, and numbers 255 pieces. Mr. Warner lays claim to the fact that his Studies in Organic Morphology (Philadelphia, 1857) constitute the pioneer research of that branch of science in America. The major portion of the correspondence deals with a controversy over that claim which arose when Benjamin Peirce, famous mathematician of Harvard University, after having seen Mr. Warner's studies in manuscript, read a paper on the subject before the Providence meeting of the American Association for the Advancement of Science, 1855, in which he failed to give any credit to Warner. In addition to the chief topic - a charge amounting to plagiarism on the part of Prof. Peirce - the Papers contain many comments on the "Harvard clique" its influence on the AAAS, a controversy involving the administration of the Dudley Observatory in Albany, New York, and the U. S. Coast Survey."

Bequeathed by John Warner, but actually received in 1892, the donors being listed as Mrs. Anna L. Warner and the daughter Lydia Warner. Microfilm supplied by Am. Phil. Soc. \*Coll. 22-A

Signers of letters:

Agassiz, Louis (3) 1853; Bowles, Samuel (2) 1857; Camden, R. L. M. (4) 1858-59; Cogswell, Joseph Green, 1856; Combescure, E. 1856 ?;

## Coll. 22-A (cont.)

Dorsey, George W. (3) 1858-59; Fisher, C. N. (2) 1855; Foulke, William Parker (3) 1858; Fraley, Frederick (5) 1850; Gillespie, William Mitchell (3) 1859-61; Glenn, D. 1857; Greeley, Horace (5) 1857-58; Henry, Joseph (3) 1853; Jeanes, Joseph (7) 1856; Jones, N. F. (8) 1857-61; Kirkwood, Daniel (23) 1854-62; Lesley, J. Peter (6) 1857-59; Lippincott, J. B. (3) 1859-60; Loeser, C. 1860; Longstreth, Miers Fisher, 1854;

Mackey, M. S. (2) 1859; Maingay, Robert A. 1860; Maule, Joseph E. 1858; Miskey, William F. (18) 1857-60; Morris, Elwood (8) 1858-60; Peck, William G. 1853; Peirce, Benjamin, 1857; Poole, Henry, 1856; Schneider, E. 1857; Sheaffer, Peter Wenrich (6) 1856-59; Spackman, J. B. (2) 1858; Stokes, Joseph, 1859; Vaughan, Daniel (2) 1858; Warner, John (54) 1850-63; Warner, Joseph, 1855; Warner, Redwood (6) 1851-58; Warner, Sally, 1859; Wells, David Ames (7) 1858-59; Whitcomb, W. W. (4) 1857; Winslow, C. F. (45) 1857-61; Winslow, Charles W. 1859; Yardley, T. W. 1858.

RAU, EUGENE ABRAHAM, 1848-1932. Fungi illustrations, 1870-80. 289 items.

One portfolio containing 75 sheets of drawings and a stitched notebook of 214 sheets depicting fungi. Mostly colored.

Bequest of the author, formerly housed in the fungi room of the Botany Dept. \*Coll. 23

RAFINESQUE, CONSTANTINE SAMUEL, 1783-1840. Papers, 1808-40. Microfilm. 196 items on two reels.

Letters, chiefly of a scientific nature and texts reporting his scientific findings. The latter were intended for publication, although many of them never actually appeared in print.

Many of Rafinesque's papers were sold at auction after his death, and S. S. Haldeman purchased a large number for \$5.00. Many of them were donated to the Academy in 1849 by the purchaser, but the subject matter covered was almost entirely botanical, Haldeman having kept those dealing with zoological topics. In 1921 Haldeman's grandson Guy K. Haldeman gave a large collection of letters to the Academy, which included those Rafinesque had written to S. S. Haldeman. In 1940 a collection of Rafinesque letters addressed to Z. Collins was given the Academy by the heirs of Francis Rawle. Charles Boewe gives an account of this collection in Proc. Amer. Phil. Soc., v. 102, 1958, p. 590-5, and Francis W. Pennell presents much of the history of the Rafinesque manuscript materials in his Life and Work of Rafinesque, Transylvania College Bulletin, v. 15, No. 7, Sept. 1942, p. 10-70. Pennell later deposited the Academy's collection at the library of the Amer. Philos. Society which supplied this microfilm, and analysis. \*Coll. 24

Signers of letters and documents:

Allen, Rhodes & Co., 1835; Beck, Lewis Caleb, 1833; Brown, P. A. (2) 1832; Chapman, George Thomas, 1823; Clifford, John D. 1819; Clinton,

George W. 1828; Collins, Z. (7) 1817-35; Correy, Francois (?) 1834; Eyries (?) Alex, 1835; Hart, John A. 1820 (?); Lanthois, Georgette Louise (4) 1830-32; Lawrence, G. K. 1828; Morelli, Mr. 1835; Parker, Daniel (3) 1836; Pickering, Charles, 1832; Rawle, William, 1835; Raymond, D. 1825; Société de géographie, Paris (3) 1832-34; Société roy. d'hort. des Pays-Bas, Brussels, 1828; Swainson, W. W. 1833; Tarascon, L. A. (3) 1825; Torrey, John (5) 1818-34; Van Heuvel, J. A. (2) 1833; Winston, Emilia (5) 1831-34.

SAY, THOMAS, 1787-1834. Treatise, 1819. 8 items.

Here is the original text of "Descriptions of insects of the families of Carabici & Hydrocanthari of Latreille, inhabiting North America", read before the American Philosophical Society, August 20, 1819, later published in its Transactions, n. s., v. 2, p. 1-109, 1825. In six parts, almost complete. Also two letters are laid in, one by Say to John Vaughan, returning the proofs of the article and the other from George H. Horn, Dec. 11, 1896, offering to donate the manuscript to the American Entomological Society. Coll. 25

REX, GEORGE A. d. 1895. Correspondence, 1881-94. 258 items.

Physician, microscopist and mycologist, he was also Conservator of the Microscopical Section of the Academy, from 1890-95. The letters were written by 46 American microscopists and botanists, and bear numerous notations by Rex as to his answers. His collection of Myxomycetes and his papers were presented to the Academy by his family. Archived by Ruth Patrick, Jan. 5, 1945. Coll. 26

Signers:

Anderson, F. W. (15) 1888-91; Arthur, J. C. (4) 1884-91; Barnes, Charles R. (2) 1884-5; Beal, W. J. 1893; Bessey, Charles E. (5) 1884-93; Bigelow, E. 1884; Bilgram, Hugo, 1893; Booth, (Mrs.) M. A. (4) 1885;

Cook, O. F. (2) 1890-1; Cooke, M. C. 1887; Durand, E. J. (3) 1894; Ellis, J. B. (56) 1880-93; Fairman, Charles E. 1880; Farlow, W. G. (5) 1884-9; Gray, Edward, 1885; Hallowell, Susan M. 1886; Hervey, F. L. (7) 1889-93; Herbst, Wm. 1891; Herrick, C. J. (2) 1890; Higginson, Thomas, 1884; Holway, E. W. (10) 1884-6;

Jacobs, F. O. (2) 1890; Jones, H. L. (2) 1893-4; Kellermann, W. A. (2) 1890-1; Lister, Arthur (6) 1891-2; McBride, T. H. (11) 1890-92; Masseur, George (2) 1889-90; Morgan, A. P. (22) 1884-94;

Newman, A. B. (3) 1890-91; Peck, Charles H. (17) 1881-91; Peters, F. N. 1884; Plowright, C. B. (2) 1889; Riley, C. V. (2) 1891; Seymour, S. G. (3) 1893; Shanks, S. G. (3) 1893; Shepard, E. M. (3) 1887-90; Smiley, C. W. 1884; Stevenson, W. C. (5) 1892-93; Stidham, I. F. 1886; Sturgis, W. C. (5) 1892-3; Swingle, W. J. (3) 1889-90;

Taylor, Kathleen, n. d.; Tyler, J. M. (6) 1884-88; Underwood, L. M. 1889; Ward, R. H. 1893; Webber, H. J. (6) 1889-91; Yatake, Ryokichi, n. d.; Zabriskie, J. L. (5) 1889-91

PARRISH, MORRIS LONGSTRETH, 1867-1944. "Hunting on the Kenai Peninsula, Alaska, 1912". 12 items.

One-time member of the Board of Trustees and Chairman of the library committee of the Academy, this Philadelphia sportsman, stockbroker and book collector made an expedition to Alaska, with Wilson Potter. His daily record of hunting events and animals seen was prepared in letterpress, but not published, being in fact a scrapbook, with maps, pictures and photographs tipped in. A snapshot of Parrish is dated Sept. 25, 1912. Only a few copies of the book were prepared, but Charles Sheldon had a personal one made from Parrish's manuscript. The photographic prints were made by the U. S. Biological Survey. 116 pages and 209 illustrations are combined with presentation letters by the author, dated 1942. Coll. 27

Signers of letters:

Beech, Robert J. 1913; Cadwalader, Charles M. B. 1942; Holman, John P. 1922; Posth, Ferdinand, 1913; Revell, Henry E. 1913; Seton, Ernest Thompson, 1912; Sexton, George, 1920; Sheldon, Charles (4) 1921.

LECONTE, JOHN LAWRENCE, 1825-1883. Papers, 1849-83. 1700 items.

Born in New York, LeConte early showed an interest in entomology and collected in various out-of-the-way places in this country. After moving to Philadelphia he became closely connected with the Academy. In 1859 when the American Entomological Society was founded, LeConte gave the use of his home for the meetings and was its first president. This collection includes many items pertaining to his father Major John Eatton LeConte and other members of the family.

Contained in the collection are 1525 letters, lists of Coleoptera bearing names of Zimmermann or Lacordaire, a bundle of algal mounts (conserved in the Academy's herbarium) and various notebooks on scientific subjects. Of a more personal nature are membership cards, photographs, souvenirs, newspaper clippings, business statements, legal documents and writings.

Presented, June 12, 1945, by Stephen K. Nagy, an antique and second-hand bookdealer in Philadelphia. The material was later deposited at the American Philosophical Society's library and has since been cataloged by them. No list of signers has been prepared. \*Coll. 28

LYMAN, BENJAMIN SMITH, 1835-1920. Papers, 1850-1918. 6,032 items.

Geologist, naturalist, philosopher and teacher, Lyman made his personality felt in many parts of the world. At various times he was concerned with the Geological Survey of Glace Bay, Nova Scotia, with surveys in Iowa and Pennsylvania, studies in Paris and Germany as well as other geological surveys in India, and finally became the Chief Geologist of the Empire of Japan.

Born in Northampton, Mass., he retired to his native land, but established his home in Philadelphia. During the later period, he was closely associated with the Academy, acting on various committees and presenting a paper at the Centenary celebration in 1912.

Of these papers which consist of letters, writings, biographical details and scientific notes, 6,000 were deposited at the library of the American

Philosophical Society in 1942. The remainder of the series consists of 32 letters written to various Academy officials, namely: Martindale, Nolan, Fox and Calvert, and a "Plan to Arrange for Communications to Academy of Natural Science Meetings", of 5 pages, dated 1898.

Provenance not known.

Coll. 29

MORTON, SAMUEL GEORGE, 1799-1851. Papers, 1825-1930. 19 items.

Of Irish ancestry, this anatomist, physician, ethnologist and philosopher early became associated with the Academy, graduated from the University of Pennsylvania, then traveled a few years in Europe and the West Indies. Later he was appointed Professor of Anatomy in the Medical College at the University of Pennsylvania.

His great work concerned the crania of vertebrates, especially of man, being the first scientist to use anthropometrical data in the study. His collection was enormous, specimens being received from all parts of the world. Crania were taken from battlefields, from alms houses, from jails, from Indian mounds and Egyptian tombs. He set forth beliefs that clashed with other scientists causing a great controversy over the unity of the species of man. After his death his collection was purchased by a group of forty-one friends of the Academy and donated to its museum in 1853.

The papers consist of additions and corrections to his catalog of crania, some texts for scientific articles, reports of committees of the Academy, a few letters and various biographical pieces.

\*Coll. 30

Signers:

Cassanova, J. N. n. d.; Dobson, Judah, 1825; Maclure, William, n. d.; Phillips, J. S. 1841; Rehn, J. A. G. n. d.; Say, Thomas, 1825; Stone, Witmer, 1930; Wetherill, John P. 1826.

FOWLER, HENRY WEED, 1878- Lists of birds, 1895-96. 3 items.

Lists of birds include observational notes of those seen in the company of Witmer Stone, or of Wm. Gerhart, at Tinicum, Delaware Co., Pa. or along the Delaware River at Holmesburg in 1895 and 1896. Gift of the author, preserved in the bird department and archived by R. M. de Schauensee, Feb. 8, 1953.

Coll. 31

HUBER, WHARTON, 1877-1942. Discourses, 1900-42. 6 items.

Ornithologist, mammalogist and assistant curator of the Academy from 1920 to 1942, and a three-time president of the Delaware Valley Ornithological Club, Huber was also a staff member of the Wistar Institute of Philadelphia, where he assisted in making anatomical preparations. An enthusiastic collector and field man, he excelled in photographing birds and mammals in their native haunts. His discourses concern the wild life he encountered on his expeditions to Nicaragua in 1921, to Utah in 1927, and to many local areas in Cape May County, N. J. and Chester County, Pa.

Gift of the D. V. O. C. and archived with the Society's papers in 1957.

\*Coll. 32

JENKINS, CHARLES FRANCIS, fl. 1931. Papers about the plant Shortia galacifolia, 1841-1942. 127 items.

This amateur botanist established the Hemlock Arboretum on his estate in Germantown, Pa. in 1931. He was interested in growing Shortia galacifolia in his forest, and in 1940 sent out a questionnaire to departments of botany of various universities, to agricultural experiment stations, to the U. S. Forest Service, to other herbaria and to private individuals, asking a variety of questions about the species, and the presence of specimens, either growing in gardens or preserved in herbaria in this country. The plant was discovered by A. Michaux in 1788 near the boundary of the two Carolinas, but was later lost sight of until 1877. It was named by Asa Gray from Michaux's specimen preserved in Paris.

The letters and papers were accumulated by F. W. Pennell and preserved in the department of botany until 1952. Coll. 33

Signers:

Aaron, Charles E. 1889; ANSP. Herbarium, 1941; Bailey, L. H. 1941; Baily, W. W. 1889; Barghoorn, Elso S., Jr. 1942; Barnhart, J. H. 1908; Barret, Harvey P. (Mrs.) n. d.; Beadle, C. D. (4) 1941-42; Boynton, C. L. 1942; Buell, Jesse H. 1942; Burnett, J. S. 1942;

Church, George L. 1942; Clapp, H. R. 1942; Clapp, S. C. 1942; Coker, W. C. 1941; Crayton, F. M. 1942; Crittenden, C. C. 1942; Crum, Ethel, 1942; Curtis, Ralph W. 1942; Darlington, H. T. 1941; Dudley Herbarium, n. d.; Eames, E. H. (2) 1942; Fassett, N. C. 1942;

Gates, F. C. 1941; Giles, Norman, Jr. 1942; Gilmore, Monroe T. (4) 1942; Goodman, George J. 1942; Gray, Asa (9) 1841-86; Gwyn, R. L. 1942; Harbison, Dorothea, 1942; Hesler, L. R. 1941; Hyams, George McQueen (3) 1878; Ives, Sumner A. 1942;

Jenkins, Charles F. 1942; Jones, Clyde H. 1942; Judd, W. H. (3) 1941-42; Kelly, Howard A. 1942; Knowles, Gilbert H. 1942; Lipe, Thomas L. (Mrs.) (2) 1942; Lord, Frederic P. 1942; Lounsberry, Alice, 1901; Lyon, Charles J. (2) 1942;

McFarland, Frank T. (2) 1941-42; Manning, Wayne E. 1942; Merrill, E. D. (2) n. d.; Missouri Botanic Garden, 1941; Moore, John W. 1941; Morgan, F. Cleveland, 1942; Nelson, Pearl M. 1942; Nelson, Ralph M. (2) 1942; New York Botanical Garden, 1941; Oosting, Henry J. (2) 1942; Ownbey, M. 1942;

Philips, Edith, 1942; Polorny, Frank J. 1941; Porter, C. L. 1942; Reford, Elsie, 1942; Riebold, R. J. (2) 1942; Robbins, E. C. 1941; Rothert, Otto A. (4) 1942; Salley, A. S. 1942; Schallert, P. O. 1942; Scott, Edith, n. d.; Steinmetz, F. H. n. d.; Svenson, Henry K. 1942;

Teuscher, Henry, 1942; U. S. National Herbarium, 1941; University of Pennsylvania Herbarium, 1942; Watson, David J. 1942; Whitehead, Paul, 1898.

JACKSON, WILLIAM HENRY, 1843-1942. Photographs, 1869-75. 275 items.

Official photographer for the U. S. Geological Survey of the Territories, under the direction of F. V. Hayden, Jackson was one of the earliest Americans to excell in landscape photography. A single volume of 260 photographs mounted on 100 sheets is entitled, "Photographs of the principle points of interest in Colorado, Wyoming, Utah, Idaho and Montana, from negatives taken in 1869, '70, '71, '72, '73, '74 and '75 by W. H. Jackson, Photographer to the Survey, Washington, D. C., 1876." There is also a presentation page with a letter signed by F. V. Hayden, July 24, 1876 accompanying the volume. The pictures are numbered and labeled, with letterpress descriptions. Seventeen labels written by Hayden to identify personnel are laid in.

The prints are in two sizes, 11 x 18 cm. or 22-1/2 x 17 cm. Another group of 14, 24-1/2 x 33 cm. on individual mounts portrays the Yellowstone region. These pictures were selected from a series of many hundreds and mounted by Hayden. A note in the volume states that the negatives are lost.

A descriptive catalog has been published as U. S. Geol. Survey of the Territories, Misc. publ. no. 5, 2d ed., 1877. Coll. 34

LEEDS, ARTHUR NEWLIN, 1871-1939. Botanical field notes, 1924-36.  
3 items.

Business man and founder-member of the Philadelphia Botanical Club, Leeds was chiefly interested in ferns. In 1928 he began the organization of the Academy's herbarium of Pteridophyta, which he continued until his death. His personal herbarium and his library were bequeathed to the Academy. These papers consist of (1) A field notebook, 1924-36, containing addresses of his correspondents and long lists of numbered entries to plants, sometimes with the scientific name only, sometimes with additional information about geographical distribution and often with the type of ecology indicated (2) Loose pages from a small notebook with similar entries but also with additional miscellaneous notes about specimens in other collections, about early botanists and some addresses (3) Diary and loose notes of his 1936 collecting trip to Georgia and the Carolinas.

Bequeathed to the Philadelphia Botanical Society and archived with its papers. Coll. 35

MACELWEE, ALEXANDER, 1869- Papers, 1893-99. 13 items.

This Scottish born gardener, arriving in Philadelphia in 1883, later becoming a local nurseryman, for years attended the meetings of the Botanical Section of the Academy. He supervised the establishment of the Botanic Garden at the University of Pennsylvania, then became Curator of the Herbarium started by the Philadelphia Commercial Museum.

These papers consist of a "Catalog of the plants in the Botanic Garden" written in collaboration with the professor-in-charge, Dr. J. M. Macfarlane; various writings on the woods of Brazil and other areas; lists of duplicate plant specimens of northeastern United States offered in exchange by the Philadelphia Museum (later the Commercial Museum); and field notes taken

on his botanical rambles. Four photographs, one of botanical collecting equipment of the time, complete the collection.

Donated to the Botanical Society and archived with F. W. Pennell's papers in 1952. Coll. 36

TURNER, DAWSON, 1775-1857. Notes and annotations, 1808-19. 11 items.

British botanist and student of mosses, Turner used Bridel's Muscologia as a working copy which is now in this library. He has inserted several extra plates, some in color and many with corrected legends by himself. The two volumes are autographed, the first with his name stamped in the book instead of a bookplate, the second carrying the date of 1803 after his name. The supplement is richly annotated, with many revised group lists pasted in the margins. In front of the first supplement is a page entitled, "Number of Species in the first volume." Eleven memoranda or lists were laid in his copy and removed to this collection, some being mere scraps of letters with Turner's address on the verso.

The book was purchased for the library long ago, its inclusions having lain undisturbed through the years. Coll. 37

STULB, JOSEPH R. Collector. Insect illustrations, 1820-40 ?. 260 items.

Artist's proofs of colored plates, 11 x 18 cm. preceded by a typed list of the insects figured. Each plate is limited to a single species, but includes several views or pictures of parts.

Gift of Mr. Stulb, May 1, 1948 and found among his family papers. They had belonged either to his grandfather Stulb, born in America but educated in Heidelberg, or to his great-grandfather Stulb, born in Bavaria. Unpublished? Coll. 38

U. S. EXPLORING EXPEDITION, 1838-42. Letters, 1836. Photographic copies. 48 items.

Letters relating to the Expedition, selected for their special interest to the Academy of Natural Sciences, mostly addressed to Mahlon Dickerson, Secretary of the Navy. Some contain reports requested by him, referring to desirable types of scientific data to be amassed by the Expedition, apparatus needed, methods of procedure, personnel, etc.

These photographic enlargements were made by the Academy from microfilm in the library of the American Philosophical Society, which they secured from the U. S. National Archives, their File Microscopics, no. 75, Roll 1, 1944.

Signers:

\*Coll. 39

Abert, John J.; Audubon, John J. (2); Bache, Alex. Dallas; Bache, Franklin (2); Biddle, Clement C.; Bridges, Robert (2); Carey, Henry C.; Carey, Samuel Thomas; Carr, Robert; Carson, Joseph; Chapman, H.; Clark, Thomas; Coates, Benj. H. (3); Coates, Reynell (4); Colhoun, Mr.; Conrad, T. A.; Cooper, Wm.; Crosswell, E.; Dakal, G. M.; Darlington, Wm. (2);

## Coll. 39 (cont.)

Dekay, J. E.; Delafield, Jos.; Desnio (?), Nathan; DuPonseau, Peter S. (3); Espy, James P. (2); Farrar, John; Featherstonhaugh, G. W.; Gilpine, H. D. (2); Goddard, Paul B.; Green, Jacob; Griffith, R. Eglesfeld (5);

Halsey, Abraham; Hare, Robert; Harlan, Richard (3); Hayes, Mr.; Hazard, Samuel; Hembel, William (2); Henry, Joseph; Hopkinson, Joseph (2); Hucke, William; Jones, Thomas Catesby; Johnson, Walter R.; Kane, J. K. (6); Kemp, H. Zander; Lea, Isaac (2); Lukens, Isaiah;

Marcy, Henry; Mitchell, J. K.; Morton, Samuel G. (6); Neagle, John; Nicklin, Philip Houlbrooke; Ord, George; Panctres (?) C. V. L.; Parker, D.; Patterson, Robert M. (2); Pennock, C. Wistar; Peters, Burt; Pickering, Charles (4);

Raguet, Condy; Ridgely, Charles; Roberts, Thomas P.; Rogers, Henry D.; Ronaldson, James; Silliman, B.; Strickland, William; Sully, Thomas; Swift, William; Taylor, Richard C.; Torrey, John; Vaughan, John; Vethake, Henry; Wetherill, John Price; Williams, John P.; Wood, George B.

PEALE, CHARLES WILLSON, 1741-1827. Lectures, 1800-01. 42 items.

As a device for attracting visitors to his early Philadelphia museum, C. W. Peale gave various courses of lectures. The outlines for those delivered during 1801 to 1802 were devoted to the subject of natural objects. The series consists of 39 numbers and various introductory sections, making in all 42 parts. These were donated to the Academy where they remained until 1948 when they were deposited, on call, with the American Philosophical Society of Philadelphia.

Coll. 40

MONTGOMERY, THOMAS HARRISON, Jr., 1873-1912. Treatise, 1891. 1 item.

An ornithologist, vertebrate zoologist and professor at the University of Pennsylvania, Montgomery summered in Maine. His observations were condensed in this address, "The Common Summer Resident Birds of the Maine Coast," which was read before the Delaware Valley Ornithological Club, May 18, 1891.

Gift of the author to the Club; archived by R. M. de Schauensee, Feb. 1953.

Coll. 41

MORRIS, GEORGE SPENCER, 1867-1922. Discourses, 1890-92. 4 items.

Ornithologist, painter of nature and architect, he was one of the seven founders of the Delaware Valley Ornithological Club. Active in the Academy, he was a member of the Council, Curator, and Vice-director of the Ornithological Section. Many papers were read before the Club, but very few of them were published. The Morris manuscripts deal with personal

observations in various parts of the country where he lived or visited, namely, Manatee River and Tampa Bay, Florida, the Virginia coast, Cascade Mountains and Tacoma neighborhood in Washington.

From the Bird Dept. by R. M. de Schauensee, Feb. 8, 1953. \*Coll. 42

ROSS, J. W. Shell drawings, 1878-1884. 446 items.

The artist, later a Philadelphia dentist, made these pen and ink tracings of illustrations already published according to information given by H. A. Pilsbry. The tracings and some original drawings illustrate the first four volumes of the Manual of Conchology, 1878-82, and G. W. Tryon's, Structural and Systematic Conchology, 1882-84. Archived from the Conchology Department where the material was among the old stock of the Manual, Feb. 12, 1949. Coll. 43

AARON, SAMUEL FRANCIS, 1862-1947. Papers, 1882-1919. 116 items.

Naturalist and entomologist who received Jessup Fund scholarships in 1882 and in 1885. Later became custodian of the collection for the American Entomological Society and subsequently economic entomologist for the Philadelphia Commercial Museum. These papers consist of (a) diary and illustrated field notebook of a trip through Texas in 1884 (b) a sketchbook of 60 drawings in pencil, of insects, spiders and plants with descriptive field notes 1897-1912 (c) text with pen and ink drawings of chapters, 1, 4, 8, and 9 of a projected popular work entitled, "Many Legs and Wings" and (d) a collection of 11 letters written between 1882 and 1919, all signed by Aaron.

Archived from the Entomological Department in March, 1951. \*Coll. 44

AMERICAN PHILOSOPHICAL SOCIETY. Papers, 1876-1938. 11 items.

For over a hundred years this Society has been friendly with the Academy, the two institutions cooperating whenever feasible, in exchanging publications and specimens, books and other commodities of interest to both. Many scientific endeavors have been jointly inaugurated and special memorial meetings and symposia supervised. The papers mostly pertain to certain collections deposited by the American Philosophical Society throughout the years.

Archived from various caches of papers in the Academy. \*Coll. 45  
Signers of letters and documents:

Dixon, Samuel G. 1897; Lyman, Benjamin Smith, 1897; Morris, J. Cheston (2) 1897; Pettit, Henry, 1897; Phillips, Henry, Jr. 1894; Pilsbry, Henry A. 1897; Ruschenberger, W. S. W. (2) 1878-1892.

BOYER, CHARLES SUMNER, 1856-1928. Papers, 1923-27. 770 items.

Local botanist and student of diatoms, active in Academy affairs and long-time officer in the Leidy Microscopical Society, he was also a member of the school system of Philadelphia, being a principal, during the early years of this century. His extensive diatom collection with its card catalog was

donated to the Academy. The papers include letters, drawings of diatoms, some biographical materials and a workbook.

Gift of Mrs. Boyer, in part, at the time of her husband's death and in 1947.

Signers:

\*Coll. 46

Boyer, C. S. (6) 1923-27; Dolley, C. S. 1934.

AUDUBON, VICTOR GIFFORD, 1809-1860. Letter, 1851. Photostat. 1 item.

Letter addressed to Dr. Samuel G. Morton on the occasion of the death of his father, John James Audubon, giving some details not mentioned in the press. The letter was sent from New York, Feb. 3, 1851, and is now a part of the holdings of the Library Company of Philadelphia.

Gift of the Free Library of Philadelphia.

Coll. 47

AGASSIZ ASSOCIATION. Chapter 242. Minutes and record book, 1887-91. 3 items.

Constitution, bylaws, list of members, and minutes of the meetings held Oct. 26, 1887 to Feb. 27, 1891 are preserved as written by Philip P. Calvert, the chapter's secretary. The above is accompanied by a "Schedule of Observations on Odonata," as noted by P. P. Calvert, 1888-89. The field notes are recorded on printed forms, 4-1/2 x 7 ins.

Donated by P. P. Calvert, 1951, having been in his possession since 1891.

Coll. 48

ANSP. BUILDINGS. Pictures, 1812-1944. 70 items.

The architect's plans, etchings, engravings, photographs and published pictures show the various Academy buildings, from its founding. Both outside and internal views portray the building itself but also show the library, the research areas, the aisles and public exhibits. A partial account was included in the Academy's Proceedings for 1901.

\*Coll. 49

SCHINZ, HEINRICH RUDOLF, 1777-1861. Bird portraits, ca. 1819. 5 items.

Zoologist and physician, once a professor at the University of Zurich, with broad natural history interests, Schinz also was something of an artist. The four small pictures of Swiss birds in watercolor are assigned to him because accompanied by a small book, a reproduction in part of Schinz' bird book of 1819.

Gift of H. Saalenback, of Philadelphia, in 1951, who stated that the sketches had been in the possession of his family for nearly 150 years.

Coll. 50

WILSON, ALEXANDER, 1766-1813. Papers, 1811-1943. 68 items.

American ornithologist, poet, and author of the first monumental work on American birds, published in this country. A native of Scotland, migrating to

America in 1794, he engaged in numerous occupations, weaving, teaching school, and editing. He became an intimate friend of John Bartram who influenced him strongly in the decision to launch his great work, American Ornithology. It was at the Bartram home where he became friends with Alexander Lawson, the engraver, whose encouragement pushed him along in the same project. He traveled extensively in the eastern United States, chiefly on foot, collecting the material for his work and later getting subscriptions for the published volumes. Although the Academy was only founded in 1812, Alexander Wilson was elected a member before he died in 1813.

This collection consists primarily of biographical material from various sources, very little original material being owned by the Academy, which has only a few autographs on photos or in books, with an occasional letter. Archived from various departments in the Academy. \*Coll. 52

Signers of letters and documents:

Allen, Elsa G. (7) 1948-52; Brooks, H. W., Jr. 1931; Cochran, Alex. 1943; Fraser, Joseph T., Jr. 1943; Huston, McCready (7) 1943-4; Marsh, Charles J. 1943; Paterson, A. B. (2) 1943-4; Phillips, Venia T. (6) 1948-52; Richardson, Emma B. 1943; Watson, Hugh H. 1943; Weygandt, Cornelius, 1943.

VERREAUX, JULES, 1807-1873. Catalogs of birds, 1846-47. 24 items.

A catalog of the large collection of birds purchased by Thomas B. Wilson from the Duc de Rivoli (i.e. Andre Massena, Prince d'Essling); annotated copies of a letterpress catalog of the same; photostatic copies of the catalog of the Gould collection of Australian birds, by Verreaux, with original manuscript of same; and the catalog of the Gould collection in the hand of Witmer Stone make up the series.

Jules Verreaux, in whose hand is written the catalogs of the Rivoli and Gould collections, was the elder of the Verreaux brothers who maintained in Paris the commercial establishment called the Maison Verreaux. With his brother Jean Baptiste Edouard, in the firm were combined the roles of naturalist, explorer and taxidermist. Many descriptions of new species were published by the brothers, altho very little field collecting was done by either. When the Gould collection was purchased in London, it was shipped directly to the Maison Verreaux in Paris to be mounted on wooden standards according to the custom of the times.

The catalogs lay for years beside the bird specimens in the department of ornithology. Photostated and archived by R. M. de Schauensee in 1950.

Coll. 53

ANSP. COLLECTIONS - BIRDS. Papers, 1832-1941. 294 items.

The collection consists of catalogs, information about special collections within our holdings, lists of birds offered for sale, donated, exchanged or discarded, various working notes of the curators, personnel of the department, and general notes. The persons most concerned in this material are John Cassin, Elliott Coues, William A. Kite, Spencer Trotter, Mr. Hill and Wharton Huber, with Witmer Stone adding the later personal touches to the material describing our bird collection. Not only are the bird skins

mentioned but collections of nests, eggs, skeletons and crania as well.

List of signers:

\*Coll. 54

Abbott, Gertrude, 1928; Cadwalader, C. M. B. (2) 1928; Cassin, John, 1863 (?); Clubb, Joseph A. 1926; Coues, Elliott, 1876 (?); Dixon, Fannie G. 1928; Dixon, Samuel G. (3) 1867-69; Kite, Wm. A. 1880; Lefevre, Rufus H. (10) 1927-28; Moffett, Lacy I. (4) 1927-28; Morris, Galloway, 1893; Penrose, R. A. F. (2) 1928; Rhoads, Samuel N. 1893; Smith, A. Russell, 1927; Stone, Witmer, 1926; Trotter, Spencer, 1878; Woolman, Ed. (2) 1928; Woolman, Lewis, 1893.

PEALE, TITIAN RAMSAY, II, 1800-1885. Papers and drawings, 1817-1949. 16 items.

Titian Ramsay Peale, II, was born in 1800 soon after the death of an older brother called Titian. Following a common custom, he was named after the deceased. At the age of 17 Titian made his first exploring trip in the distinguished company of Thomas Say, George Ord and William Maclure, to the Spanish Territory of Florida. He was later an assistant to Say on Long's Expedition to the West, 1819-20; was employed by Bonaparte to collect birds in Florida in 1824; and accompanied Burrough's party to South America, 1831. During this time he was also Director and Curator of the Peale Museum in Philadelphia. This background prepared him for his most important appointment - mammalogist and ornithologist of the Wilkes' U. S. Exploring Expedition, 1838-42. He reported his findings in a volume called Mammalogy and Ornithology, 1848, from which his illustrations were omitted. This volume, now very rare, was suppressed, then later the material was revised by John Cassin, who published Peale's drawings. He was once employed by George Ord to illustrate his contemplated work on quadrupeds. Peale also worked on Lepidoptera, in continuation of the projected work of his brother Titian Ramsay Peale, I. This was never completed.

Gift of various friends of the Academy.

\*Coll. 55

List of signers:

Abbott, R. Tucker, 1949; Peale, L. n. d.; Cadwalader, C. M. B. 1950 (?); Guilden, Charles, n. d.

PORTER, THOMAS CONRAD, 1822-1901. Papers, 1863-1900. 227 items.

Porter, a professor of botany at Lafayette College, first president of the Linnaean Society of Lancaster County, and a corresponding member of the Academy, made extensive collections of plants of the Pennsylvania region, and of Colorado where he collected in 1870. His herbarium was donated to Lafayette College, which in turn presented it to the Academy after his death. This collection includes an Appendix "Musci of Northampton Co., Pa., 1900" attached to his Rare Plants of Southeastern Pennsylvania, and 222 letters to Charles Eastwick Smith. Also included among the Porter papers are: a letter written to Benj. H. Smith, 1899, "List of Plants that may be looked for in Delaware Co., Pa." 1900, Annotations in "Catalogue of the Phaenogamous and Acrogenous Plants Contained in Gray's Manual of the Botany of the northern

U. S.", and annotations to his Flora in Authentic History of Lancaster County.  
Gift of Charles Eastwick Smith, 1900, and of the author. Coll. 56

STAIR, LESLIE DALRYMPLE, 1876-1950. Map of collecting trip, Alaska,  
1945. 1 item.

A research associate of the Academy, keeper of its Bryophyte herbarium and associated with the Philadelphia Botanical Club, who upon his return from a collecting trip to Alaska, July 19, 1945, prepared this map for an article. It shows the areas botanized in Yakutat, Alaska. Scale 1" :3000'.

Gift, found with Pennell's papers from the Botany dept., 1958. Coll. 57

WILLIAMS, CLARENCE RUSSELL, 1870- Botanical Fieldbooks, 1927-28.  
4 items.

The fieldbooks of this Professor of the University of Puerto Rico, are numbered 5-8 and contain descriptions of flora, with postcards and photographs pasted in, to illustrate the areas visited in that country.

From Pennell's collection, August, 1958. Coll. 58

VIERECK, HENRY LORENZ, 1881-1931. Correspondence, 1905-25. 2,632  
items.

The scientific correspondence of Viereck has been separated from his other papers, alphabetized by author and treated as a special collection.

The carbon copies are filed under the name of the addressee, as are the letterbook copies covering the years 1905-07. The latter contains 200 letters to some 51 persons, bringing the total number written by Viereck to 1,107.

The coverage is entomological, with special stress on Hymenoptera. Papers refer to his early general studies in Philadelphia, his later identification of Hymenoptera for various museums, his collaboration with W. E. Britton in writing the section on hymenoptera for the Insects of New Jersey, his trip to Europe and meeting with foreign entomologists, his stay in Italy, while exploring for the California Horticultural Commission, his contacts while with the U. S. Dept. of Agriculture, and finally to his association with the Canadian Entomological Branch of the Dept. of Agriculture.

Gift of the author; stored for years in the Department of insects; archived in December 1951 and deposited at the American Philosophical Society's library, remaining there until 1959. While under the Society's care, all papers were microfilmed for their library. \*Coll. 59

List of signers:

Adams, W. I. 1915; Alexander, Charles P. (7) 1917-23; Alfken, J. D. (6) 1912-25; Althouse, R. C. 1923; American Entomological Society (4) 1923-25; American Marine Supply Company, 1923; Anderson, G. LeRoy (6) 1922-23; Ashmead, Wm. H. (2) 1906-07;

Bacon, John (3) 1923-24; Baird, C. Campbell (3) 1922-23; Baker, Carl F. (7) 1907-23; Ballard, E. 1920; Ballou, Charles H. 1923; Banks, Nathan

## Coll. 59 (cont.)

(9) 1917-24; Barth, George P. 1908; Beamer, R. H. 1915; Becker, Cora E. 1907; Beebe, Wm. 1923; Bell, Clara (10) 1923-24; Bell, David, n. d.; Bell, Julia, n. d.; Bell, W. B. (4) 1923; Bemm, Frederick O. 1918; Benjamin, Marcus (3) 1914-21; Benson, Mabel F. (7) 1925; Bentley, G. M. (2) 1921; Bequaert, Jos. (7) 1917-25; Besson, F. S. 1920; Bethune, Chas. J. S. 1918; Beutenmüller, William (5) 1908-10;

Bigelow, N. K. 1926; Bilsing, S. W. (2) 1920; Bird, Henry (11) 1915-21; Bird, Ralph D. 1926; Birkmann, G. 1916; Bishopp, F. C. (2) 1908; Blake, S. F. (2) 1923; Bolivar, Igno. 1924; Boucot, J. R. 1908; Boving, Adam (8) 1923-25; Bradley, J. Chester (30) 1908-25; Brandt, J. G. (2) 1924; Brauns, H. 1919; Brethes, Jean (3) 1910-19; Britton, W. E. (113) 1906-19; Brooks, Fred E. 1912; Brown, Edward E. (3) 1908; Brues, Charles T. (29) 1907-23; Brumwell, H. 1907; Buchanan, Lee L. 1918; Burgess, A. F. (2) 1911-12;

Calvert, Philip P. (5) 1911-22; Carpenter, Cyril F. 1920-21; Carriker, Melbourn A. (10) 1915-25; Carter, R. E. 1915; Carter, Walter, 1923; Casanowicz, J. M. 1914; Chamberlin, W. J. 1919; Champlain, Alfred B. (12) 1910-22; Chittenden, F. H. (4) 1907-12; Claassen, Arthur (50) 1915-24; Clements, Frederic E. (94) 1921; Clifton, R. S. (3) 1910; Cockerell, Theodore Dru Allison (8) 1908-25; Coe, H. S. 1916; Coe, W. R. 1912; Colcord, Mabel, 1911; Comstock, John Adams (2) 1923; Crawford, James Chamberlain (32) 1907-25; Cresson, Ezra T., Sr. (10) 1907-20; Cresson, Ezra T., Jr. 1921; Crosby, Cyrus R. (3) 1908-11; Curran, C. Howard (4) 1923-24; Curran, Edna (2) 1924; Curran, George, 1924; Cushman, R. A. (7) 1910-23;

D., E. 1914; Daecke, V. A. E. (7) 1910-15; Davey, H. W. 1916; Daviers, Maria T. n. d.; Davis, Chester W. 1923; Davis, William T. (2) 1917; Deakyne, William F. 1913; DeGryse, Josephus Joannes (13) 1922-5; Dickerson, Edgar L. (4) 1914-23; Dinensk, S. 1901; Dixon, J. C. 1912; Dixon, Samuel G. (7) 1907-12; Doten, S. B. (6) 1912-13; Dow, R. P. 1908; DuBuysson, R. vicomte (5) 1908-16; Dudley, Charles D. 1918; Dusmet y Alonzo, Jose Ma (2) 1910-22; Dyar, Harrison G. n. d.;

Edge, Walter E. (2) 1923; Elgin, W. F. (2) 1908; Engelmann, Wilhelm, 1908; Enslin, E. 1924; Essig, E. O. 1921; Evan, Richard n. d.;

Felt, E. P. (6) 1907-25; Fenninger, Carl W. (2) 1923-24; Ferguson, George H. (2) 1925; Fernald, H. T. (19) 1907-19; Ferton, Ch. 1909; Fiedler, Henry George (3) 1919-25; Fiske, W. F. (11) 1910; Fletcher, James (4) 1907-08; Flint, W. P. 1922; Flye, Orlando L. (2) 1923; Folsom, J. W. (3) 1921-23; Foran, W. (2) 1924; Fouts, Robert, 1921; Fowler, Henry W., 1917; Fox, Herbert, 1907; Fox, William J. 1908; Franklin, H. J. (13) 1917-24; Frey-Gessner, E. 1909; Friese, H. F. (9) 1906-27; Frison, Theodore H. (5) 1917-24; Froggatt, Walter W. 1910; Fukas, T. 1910; Fullaway, David T., 1912; Fuller, Henry C. 1923;

Gahan, A. B. (2) 1919-24; Gannon, Marie Agnes (2) 1915-21; Garman, Philip, 1920; Geare, R. I. (9) 1910-14; Gerhardt, William J. (2) 1908-21;

Gibson, Arthur (6) 1924-25; Gibson, Elaine, 1923; Gibson, Ray M. (4) 1924-25; Gillette, C. P. 1921; Girault, A. A. (11) 1909-25; Godard, George S. (3) 1917-24; Godfrey, R. (2) 1907; Gossard, H. A. 1925; Gowdey, C. C. (5) 1924; Graenicher, S. (12) 1912-24; Grafly, Charles (8) 1910-16; Greene, George M. (4) 1910-21; Gregorio, Antonio de, 1914; Gribodo, G. 1922; Griscom, Ludlow, 1925; Grossbeck, John A. (6) 1908-12;

Hammond, George H. 1924; Hansen, P. Jorgenson, 1912; Harbeck, H. S. (3) 1908-11; Hargreaves, E. (2) 1919-20; Harrington, W. H. 1911; Harris, W. Claud (2) 1923-24; Harshe, Robert B. 1915; Hartman, Carl, 1915; Harvey, R. V. 1907; Hayden, F. L. 1918; Hays, W. M. (6) 1910-12; Headlee, Thomas J. (2) 1913-16; Hebard, Morgan, 1925; Heilfern, L. von, 1921; Hellen, Walter, 1921; Henderson, Helen W. 1912; Henderson, W. C. 1923;

Henschen, George N. C. (2) 1910; Henshaw, H. W. 1916; Hermany, H. D. 1908; Herms, W. B. 1920; Herrick, Glenn W. (3) 1911-12; Hertzog, P. H. 1908; Hewitt, C. Gordon (4) 1912; Heymons, R. (3) 1914; Higgins, E. B. 1921; Higmans, R. 1911 (?); Hill, George William, 1908; Hill, H. Frank, 1923; Hill, Mary E. (2) 1920; Hill, Roland H. 1924; Hilton, William A. 1924; Hofeneder, K. 1910; Hogan, Frank J. 1912; Holland, W. J. 1923; Holt (3) 1919-23; Hood, J. Douglas (3) 1923; Hood, Violet L. (3) 1923; Hooker, C. W. 1910; Howard, Leland Ossian (34) 1908-24; Huard, V. A. (4) 1905-16; Hungate, J. W. 1910; Hungerford, H. B. (2) 1918-24; Hunter, S. J. 1912; Huntington, William S. (3) 1917-25;

Isely, Dwight (2) 1921-23; Jenkins, C. E. 1925; Jensen-Haarup, A. C. (3) 1915-19; Johannsen, O. A. (2) 1912; Johnson, Charles W. (17) 1907-25; Johnson, Rose L. 1922; Johnston, C. E. (2) 1908-10; Jones, Jesse, 1922; Jones, Paul R. 1920; Jorgensen, P. (2) 1909-10; Junk, W. (2) 1908-22;

Kalmbach, E. R. 1923; Keinert, Otto, 1908; Kellogg, Remington (7) 1917-25; Kertesz, K. (2) 1921; Kincaid, Trevor, 1912; Knab, Frederick, 1914; Knaus, W. 1907; Knight, H. H. (2) 1921-23; Kny-Scheerer Company, 1908; Kohler, C. F. 1925; Koopman, H. L. 1917; Krugers, P. (2) 1915; Kryger, J. P. (2) 1910-11;

Lally, John H. (2) 1923; Lansa, Manfredi, n. d.; Lauderdale, Henry W. 1923; Lawson, A. H. 1919; Lee, Porter R. (2) 1913; Leonard, Mortimer D. (6) 1923-24; Lhomme, Leon (2) 1922; Liebeck, Charles, 1908; Lovell, John H. (7) 1907-24; Lutz, Frank E. (14) 1912-23;

McAtee, W. L. 1918; McClintock, Charles T. (5) 1908; McClung, C. E. (2) 1908; McCook, Henry C. (5) 1906; McCulloch, B. C. 1925; McDunnough, J. (8) 1923-26; McFarland, Joseph (7) 1908-19; MacGillivray, Alex. D. (21) 1906-17; Machado, G. R. 1922; McKay, C. C. (2) 1917; McLaine, L. S. 1923; Magnin, J. 1912; Magretti, Paolo (3) 1910-12; Maheu, George (2) 1924; Maidl, F. (3) 1921; Malloch, J. R. (2) 1915; Manee, A. H. 1917; Marlatt, C. L. (2) 1908-21; Martin, Hermenie C. 1915; Masi, Luigi, 1908; Matteson, William F. 1910; Maxon, William R. (4) 1923-24;

## Coll. 59 (cont.)

Meigs, John, 1918; Melander, A. L. (3) 1910-23; Mercet, Ricardo Garcia, 1925; Merrill, Joseph H. (3) 1911-23; Meske, A. E. 1910; Metcalf, Franklin P. (3) 1921-23; Metz, Charles W. (3) 1910-11; Meyer, Ernst, 1923; Mickel, Clarence E. (2) 1917-21; Miller, Walter, 1912; Minnigerode, C. Powell (2) 1913-14; Morice, F. D. (3) 1922-24; Morley, Claude (2) 1909-10; Morse, A. P. (3) 1911; Moznette, G. F. 1916; Muesebeck, C. F. W. 1921; Murfit, Richard H. (4) 1920; Mutte, Hedwig, (2) 1914-15; Myers, Grace M. n. d.; Myers, P. R. 1916;

Nausell, George H. 1914; Needham, James G. 1911; Nelson, Edward W. (2) 1923; Newell, Wilmon (2) 1908; Newman, Benjamin, 1924; Nininger, H. H. 1922; Nolan, Edward J. 1916; O'Brian, Colin S. n. d.; Olaya, Enrique, 1923; O'Mahony, Eugene J. 1924; Osborn, Herbert, 1923; Ozburn, Reg. H. 1923;

Parish, Herbert S. 1923; Parkins, Bina Landstreet (4) 1920-25; Paterniti, Hector Jerome (2) 1915; Paterniti, Nicholas, 1915; Peacock, A. D. 1925; Peake, George W. 1918; Perkins, R. C. L. (2) 1908-25; Pettit, R. H. (4) 1917-18; Pfankuch, Karl (16) 1911-24; Phillips, J. L. 1908; Pierce, W. Dwight (4) 1908-25; Pinchot, Gifford (4) 1913-14; Pinder, J. B. 1914; Pinnquez, L. 1910; Poole, Earl L. 1918; Poole, H. Nelson (3) 1915-24; Pope, T. E. B. (4) 1921-23; Popenoe, Wilson, 1923; Porter, M. C. 1922; Post, William L. (5) 1908; Putnam's Sons, G. P. n. d.; Quaintance, A. L. (2) 1921-22;

Ramakrishna Aiyar, Tarakad Vythinatha (6) 1915-17; Rathbun, Richard, 1908; Rau, Paul, 1910; Ravenel, W. deC. (4) 1914-24; Reed-Lawton, S. E. (2) 1915-17; Rehn, James Abram Garfield (23) 1908-25; Renion, Mabelle B. 1914; Rice, William North (18) 1910-13; Richardson, C. H., Jr. (2) 1912; Richmond, Vim (?) M. n. d.; Ricker, P. L. (2) 1924; Robbins, E. C. 1919; Roberts, R. W. (3) 1916; Robertson, Dean (2) 1907-19; Roepke, W. (2) 1914-15; Rohwer, S. A. (17) 1908-24; Roman, A. (9) 1910-25; Ruggles, A. W. (3) 1918; Russel, D. G. S. 1925; Ryan, W. St. G. 1924;

Sajo, Charles, 1921; Salmonsens, Elsa, J. A. 1915; Sanders, George E. 1924; Sanders, J. G. 1916; Sanderson, E. Dwight (5) 1907-11; Sandhouse, Grace, 1925; Satterthwait, A. F. (4) 1908-17; Saunders, Edward, 1909; Savastano, Luigi Salvatore (4) 1913-1914; Schmiedeknecht, O. (3) 1924-25; Schott, Fred. M. (4) 1917; Schrottky, C. (2) 1909-10; Schulz, A. 1908; Schwatt, Erwin, 1908; Schwatt, I. J. (3) 1918-25; Seib, Geo. Dan. 1915; Severin, Henry H. (5) 1908-17; Shannon, Raymond C. 1917; Shaw, N. A. (2) 1926; Sheldrake, Timothy, 1914; Sherman, John D. (19) 1923-26; Shull, George H. (2) 1924-25; Silvestri, Filippo (3) 1914-19;

Skeggs, T. C. 1914; Skinner, Henry (15) 1908-26; Smith, Edgar F. 1925; Smith, Harrison E. (2) 1911-13; Smith, Harry S. (11) 1907-22; Smith, John B. (19) 1907-11; Smith, M. R. (6) 1918-23; Smith, Ralph H. (2) 1919-20; Smits van Burgst, C. A. L. 1925; Smyth, C. R. 1919; Snow, F. H. (3) 1907; Snyder, T. E. 1923; Sommer, Axel, 1923; Starret, L. S. (3) 1922; Stevens, O. A. (3) 1911-24; Stewart, Douglas (2) 1923; Stiles, Charles

Wordell, 1908; Stone, Witmer (3) 1913-23; Stoner, Dayton (10) 1921-25; Strand, Embrik (8) 1910-24; Strickland, E. H. (3) 1911-23; Sullwin, K. R. 1922; Sundberg, Roberto, 1912; Surface, H. A. (2) 1907; Swaine, J. M. 1923; Swenk, Myron H. (5) 1914-21; Szepliget, Gy. (4) 1911-21;

Tablonowski, T. 1922, Tam, W. H. T. 1925; Tee-Van, John (2) 1924; Terzi, A. J. Engel (5) 1923; Titherington, Robert J. 1925; Titus, E. G. 1908; Trabia di Butera, Principe, 1914; Trask, J. E. (2) 1915; Truax, I. Lee, 1920; True, F. W. 1910; Tzabo-Patoy, T. 1921;

Ulke, Titus (2) 1911; Urich, F. W. 1912; Vachal, J. n. d.; Van Duzee, E. P. (7) 1908-25; Vansell, George H. 1917; Venables, E. P. 1924; Viereck, Henry Lorenz, (1,107) 1905-25; Villele, August de (2) 1915;

Waiti, M. B. 1923; Walden, B. H. (5) 1905-12; Wales, George R. 1923; Walker, E. M. (2) 1912; Wallace, R. E. (4) 1924-25; Walsh, George (Mrs.) 1925; Walton, Henry V. 1924; Walton, W. R. (4) 1918-24; Ward, Henry B. 1916; Ward, Henry L. (2) 1910-16; Warren, Alfred, 1918; Washburn, F. L. (34) 1911-19; Waterston, James (6) 1923-24;

Webster, F. M. 1912; Weg, M. 1916; Weiner, P. 1914; Weiss, Harry B. (9) 1913-25; Weld, Lewis H. (6) 1923-24; West, F. D. 1914; Wetmore, A. (4) 1918-25; Wheeler, W. M. (7) 1906-21; Whitaker, Joshua (2) 1914; Whiting, Phineas W. (2) 1917-22; Whittle, D. S. 1924; Wickham, H. F. (2) 1917; Williams, Francis X. 1912; Winkley, Henry W. 1907; Withington, C. H. (3) 1908; Woodworth, C. W. 1912; Wrightson, 1918; Wytzman, P. 1908; Young, Eleanor, 1908.

ISMERT, CORNELIUS M. Western Engineer, the steamboat of Long's Expedition to the Rocky Mountains in 1819-20. 7 items.

Photograph of a modern interpretation of the steamboat, as described in newspapers and narratives at the time of the expedition. Titian R. Peale accompanied the party and designed a flag which was reproduced in an old account. That ensign was incorporated in the present sketch. Various peculiarities of the steamboat were introduced, but the portrayal differs greatly from the one published in Carl D. Lane's American Paddle Steamboats, N. Y., 1943, p. 57. Also six letters with information about the sketch.

Gift of the artist's father M. E. Ismert, Feb. 27, 1948. Published in Frontiers, Academy of Natural Sciences of Philadelphia, Feb. 1956. Coll. 60  
Signers of letters:

Ismert, M. E. (4) 1947-56; Phillips (Mrs.) Venia T. (2) 1947-48.

MEINERT, FREDERIK VILHELM AUGUST, 1833-1912. Papers, 1884-85. 2 items.

Danish entomologist and editor of the first series of "Entomologiske Meddelelser." These papers consist of his article Myriapoda Musai

Cantabrigensis, Mass., and a transcription of the general discussion of the same, in an unidentified hand.

Published in part in the Proceedings of the American Philosophical Society, v. 23, 1885/6, p. 161-233.

From the Department of Entomology, 1960.

Coll. 61

REDFIELD, JOHN HOWARD, 1815-1895. Papers, 1896. 20 items.

Amateur botanist, conchologist, Philadelphia business man. He was a life member of the Academy and served it as Councillor, Conservator of the Botanical Section, Chairman of the Publication Committee, and Secretary of the Conchological Section. He took charge of the Academy's Herbarium in 1885, purchasing and donating valuable sets of plants thereafter. He made occasional botanical excursions with Asa Gray and others. Spending his summers on Mount Desert Island, he later published a catalog of its flora.

The Botanical Section initiated, through a committee of three, namely Thomas Meehan, George M. Beringer and Stewardson Brown, the Redfield Memorial Herbarium Fund, the money being realized from the sale of his herbarium, minerals, shells and library, which were willed to the Academy. Its purpose was to provide a salary for a botanist and to help maintain the herbarium.

These papers consist of an article, "Flora of the New Jersey Plains" and donation records to the Redfield Memorial Herbarium Fund, dated 1896.

From the Botany department, 1952.

Coll. 62

AMERICAN LINNEAN SOCIETY, PHILADELPHIA. Record of founders, 1803. Photograph. 1 item.

Dr. John Richardson Young's copy of a letterpress statement of the object of the Society established at Philadelphia, January, 1803, and a list of the founders. This is not the same as the Philadelphia Linnean Society, which was founded in 1807. The signatures of most of the founders are included in the photograph.

Coll. 63

Signers:

Barton, Benj. Smith, President; Jacobs, William Stephen, Vice President; Carter, Robert; Downey, William; Grimes, John; Massie, Thomas; Mitchell, John Stevenson; Walker, John Munford; Walmsley, Thomas;

DOLAN, BROOKE, II, 1910?-1945. Papers, 1931-46. 184 items.

Sportsman, explorer, naturalist and U. S. Government Intelligence officer, Dolan was a member of our Board of Trustees and of the Library Committee for many years. His first expedition to Asia and Western China occurred in 1931 when he brought back valuable additions to the Academy's collections. His second trip to Tibet and especially to Lhasa occupied the years 1934-1936. As a result of this trip 3,000 bird skins and 140 mammals were added to the Academy's collection. During the Second World War when an experienced man was needed by the U. S. Intelligence Officer for a confidential

mission in Asia, Brooke Dolan was chosen. His death while on duty was reported in August, 1945, his plane having come down in enemy territory. By his will a library of Tibetan books and many of his specimens came to the Academy. These papers consist of records and documents of the Asiatic Expeditions, correspondence in 1941 showing his various pre-war activities, and papers about his Memorial Meeting at the Academy in December, 1945.

Signers of letters and documents:

\*Coll. 64

Anthony, H. E. (2) 1940; Benson, R. Dale, Jr. (4) 1941; Bettle, Griscom, 1941; Carpenter, R. R. M. 1941; Dillin, John G. W. 1941; Doman, Kenneth, 1941; Duncan, Marion, 1941; Dury, Ralph, 1941; Frederick, Karl T. 1941; Gordon, Seth, 1941; Griffiths, D. W. 1941; Hill, John Eric (2) 1941; Kartchner, K. C. 1941; Learn, M. M. 1941; Leigh, W. Colston, 1941; Leonard, Edgar W. (2) 1941; Ogilvy, David, 1940; Perkins, Maxwell E. 1941; Sage, Dean (3) 1941; Savage, C. G. (3) 1941; Schäfer, Ernst, 1941; Townsend, George (2) 1941; Ulmer, Fred (2) 1941; Welsh, Ralph W. 1941; Zahn, Mabel, 1941.

REED, J. HARRIS, Map of Cape May County, N. J., 1891? 1 item.

Founder-member of the Delaware Valley Ornithological Club and active until 1896. His map depicts the "Timber and Beaver Swamp," 1891 being assigned as date of preparation because he read a paper before the Club on Oct. 6, 1891, entitled: "Birds found Breeding in Beaver Swamp, Cape May County, N. J." Scale 1 inch to 1 mile.

Gift of the author, archived from the Bird Dept. of the Academy, 1953.

Coll. 65

UTMAN, J. C. Letter, n. d. 1 item.

American mineralogist writes a letter "A Trip to the North Shore" [from Duluth along the Great Lakes region]; describing the country with particular reference to the mines and minerals of the area.

Provenance not known.

Coll. 66

AMERICAN POSTAL MICRO-CABINET CLUB. Papers, 1875-87. 7 items.

Founded at Troy, New York, 1875, for the circulation, study and discussion of microscopic objects on slides. The papers include rules of the club and lists of members; discussions of the slides with some drawings for the years 1875-87; the "Floral Diary" of E. A. Rau, 1865-76; and a list of plants collected by his father Simon Rau, for his 1837 and 1838 herbaria. News clippings about the Lehigh Valley, the Easton, and the Bethlehem Microscopical Societies are tipped in. Linné's Dial of Flora is found on page 89 of the Floral Diary.

Archived from the Botanical Department, 1952 and 1957, presumably donated to the Academy at the time Mr. Rau's papers came to this institution.

Signers of letters and documents:

\*Coll. 67

Rau, Eugene A. (2) 1865-76; Rau, Simon (3) 1837-38; Hervey, A. B. (2) 1875; Ward, W. W. n. d.

PHILADELPHIA MINERALOGICAL SOCIETY. Papers 1938-49. 17 items.

The society was founded in 1892 as the Student's Mineralogical Club, in 1901 its name changed to the Philadelphia Mineralogical Club and in 1917 its final change to the above. The Proceedings have been published in the American Mineralogist, from vol. 1, 1916 to 32, 1946. Abstracts of important talks given in the society are currently published in the periodical Rocks and Minerals. The most significant item is a list of the members for 1948, a typed list six pages long. The society has always been closely associated with the Academy and in recent years held its meetings in this building where most of its donated minerals are housed.

Gift of the Society thru S. G. Gordon.

Coll. 68

Signers of letters:

Bilgram, Bertha, 1946; Gray, W. B., Jr. 1944; Trudell, Harry H. 1944; Gordon, Samuel G. (3) 1949.

AUDEBERT, JEAN BAPTISTE, 1759-1800. Copper plates of birds 1800-02. 11 items.

These engraved copper plates were used to print illustrations for Histoire Naturelle et Generale des Colibris, Oiseaux-Mouches, Jacamars et Peomerops, by J. B. Audebert and L. P. Vieillot, Paris, 1802. Prince Maximilian de Wied, when he stopped in New Harmony in 1832, noted that William Maclure had there, the plates of all of Audebert and Vieillot's ornithological work. These plates apparently came to the Academy with Maclure's library in 1835. The disposition of the rest of the collection of plates is unknown. In his introduction to volume I of this work the publisher gives credit to Audebert as the artist and person responsible for innovations in publishing colored works so that the luster of the iridescent feathers could be shown. Vieillot was apparently the research worker who supplied the text and information.

\*Coll. 69

SMITH, BENJAMIN HAYES, d. 1918. Botanical papers, 1874-1918. 30 items.

Smith, an investment broker of Philadelphia was an amateur entomologist and botanist, perhaps the best authority of his time on the local flora. He collected extensively in the area, and was elected an Academy member in 1876. Botanically, his most important work was the 240 page unpublished "Flora of Delaware County, Penna," 1896-1900. Other inclusions embrace field notebooks with records and studies of Craetagus and Cyperus, drawings, letters, a checklist of his personal herbarium, journals of receipts and exchanges of insects and botanical specimens.

Gift of the author and his family; archived from the Botany Department in 1959.

\*Coll. 70

Signers:

Jennings, O. E. (3) 1907-09; Eggleston, W. W. 1909.

GOULD, JOHN, 1804-1881. Papers, 1847-69. 16 items.

English Zoologist and first taxidermist of the Zoological Society of London with headquarters at the British Museum, Gould's chief interest proved to be in ornithology and throughout his productive years, 1832-1881, 41 large folio volumes on birds containing nearly 4,000 hand colored plates were published by him. He spent two years in Australia going there in 1838 with his wife, who was also his artist. Soon after this he was elected a corresponding member of the Academy of Natural Sciences of Philadelphia hence his later interest in this institution. Through his brother Edward Wilson in London, Thomas Bellerby Wilson purchased the Gould collection of Australian birds presenting it to the Academy in 1847. Gould had previously offered to sell the birds to the British Museum but the trustees refused because of lack of funds. Gould visited America in 1857 and while at the Academy made a pencil sketch of the Yellow-billed Cuckoo which we still have. This sketch along with a large scale watercolor design for a hummingbird plate, various letters and notes is combined with a copy of a workbook of John Gould's to complete our collection.

The workbook contains letters and sketches of birds, various notes from ornithologists and news clippings and general information. It carries on the spine this title, "Insectorum, Vol. 5 - Fringillidae - Pars!" Henry Sothorn, Ltd, who offered this workbook for sale described it as "evidently used in the preparation of The Birds of Great Britain, published 1862-1873". 166 pages. The volume was set up originally by John Gould, each page being devoted to one species and on that page, synonyms, the biography concerned, the information he had from others and sketches were added making quite a heterogeneous presentation. At the back of the volume is a 32 page "Index to G. R. Gray's Arrangement of the Trochilidae" in the hand of Gould. The workbook contains manuscript notes of several other unidentified persons.

Six species of birds were pictured in this workbook by Gould, namely the Chaffinch, Fringilla celebes Linn, House Sparrow, Tree Sparrow, Green finch and Mealy redpoll. A seventh colored sketch was done by John Gatcombe at the request of Mr. Gould.

Gift in part of R. M. de Schauensee by courtesy of Charles Chapman, 1952.

Signers of documents and letters:

\*Coll. 71

Gatcombe, John n. d.; Gould, John, 1851; Salvin, Osbert, 1856;  
Wheelwright, John W. (2) 1862-63.

STONE, WITMER, 1866-1939. Writings. 28 items.

Stone was always much interested in the Delaware Valley Ornithological Club which was so closely connected with the Academy of Natural Sciences. He inaugurated and aided most of the Club's projects and wrote up many of them in his name as representative of the Club. The writings in this collection while mostly about birds, also reflect his interest in local plants, spiders and related groups.

Gift from Stone in part, gift of C. M. B. Cadwalader in part and the remainder archived from the Department of Birds in 1954.

\*Coll. 72

HALDEMAN, SAMUEL STEHMAN, 1812-1880. Correspondence, 1830-80.  
726 items.

Pennsylvania entomologist, conchologist and philologist; corresponding member of the Academy and the first correspondent of the Entomological Society of Philadelphia. The group of entomologists thought so highly of Haldeman that his name was used in the decorative scroll of the membership certificate of the Society, along with Cuvier and other famous naturalists. The collection consists of 704 letters addressed to Haldeman, Rafinesque and Say, with a letterbook of 22 letters written by Haldeman. In subject, the letters refer to paleontology, conchology, entomology, ichthyology, to Indian relics and to spelling reform. A letter from Leidy is illustrated and several of those written by Haldeman bear pencil sketches. In his letterbook is information about a proposed U. S. Naval Expedition to South America with J. G. Strain, and queries about J. C. Reinhardt as a member of the personnel. The authors number 151.

Gift in part from S. S. Haldeman, but mostly from his grandson Guy K. Haldeman, who presented the natural history manuscripts to the Academy at various times, between the years 1921 and 1960. The collection originally contained the mass of Rafinesque letters which that scientist had once left at the Haldeman home at Columbia, Pa. while visiting there.<sup>†</sup> Guy K. Haldeman bought the manuscripts from a cousin by name of Figyelmessy, whose father was consul to British Guiana. This collection had been amassed by his mother and stored in a painted Pennsylvania Chest, the whole of which was purchased in 1918 for about \$250.00

Coll. 73

Signers of letters and documents:

Abbott, C. C. (19) 1875-80; Adair, James (6) 1863-66; Adams, C. B. (21) 1840-49; Agassiz, Alexander, 1859; Allen, J. H. 1845; Anthony, J. G. (37) 1840-53; Auguste (2) 1842-44; Bachi, A. D. 1841; Baird, S. F. (55) 1842-81; Barber, E. A. (3) 1879; Beadle, E. R. 1867; Benedict, G. W. 1841; Biddle, Cadwalader, 1876; Binney, Amos (2) 1840-41; Binney, W. G. (7) 1860-63; Brakeley, I. H. 1844; Brewer, Thomas, 1856; Brickmore, A. N. 1880; Brinckle, W. D. 1851; Browne, P. A. (7) 1849-52; Buchanan, James, 1859;

Calvert, C. M. 1860; Case, William, 1845; Cassin, John, 1842; Charlesworth, Edward (5) 1842-44; Chenu, J. C. 1844; Chevrolat, L. A. A. 1850; Cheney, T. A. 1870; Conrad, T. A. 1845; Couper, J. H. (7) 1841-47; Cozzens, Issacher, Jr. (2) 1840-42; "Crooks", George, n. d.; Cruchtmanger, L. 1852; Cuvier, Georges, 1830;

Dana, J. D. (24) 1845-67; Dickeson, M. W. (2) 1848; Dimond, Henry, 1845; Dunker, Wilhelm, 1851; Duiatu, I. I. 1842; Emmons, Ebenezer (3) 1846-49; Evans, Erastus (2) 1849; Eschricht, D. F. 1834; Fahnestock, George (3) 1848; Fitch, Asa, 1849; Foreman, Edward, 1843; Frazier, John (14) 1840-49; Frey, S. L. (2) 1879; Galbraith, F. G. (3) 1879; Gallus, 1853;

<sup>†</sup>Now on deposit at the American Philosophical Society, of which a microfilm copy is to be found in the Academy's library. The archaeological and philological manuscripts of Haldeman were placed in the library of the University of Pennsylvania.

Gambel, William, 1848; Gill, W. L. 1880; Girard, C. F. (5) 1849-55; Goheen, S. M. E. (4) 1840-42; Gory, Jno. 1834; Gould, A. A. (23) 1833-53; Gray, Asa (5) 1849-65; Griffith, R. E. (4) 1843-47; Guex, John A. 1840;

Haldeman, S. S. (2) 1849-76; Hall, James, 1845; Hallowell, Edward (7) 1834-49; Hartley, Wm. 1851; Hartmen, W. D. (4) 1848-57; Harris, T. W. (5) 1842-48; Henry, Joseph (13) 1836-76; Hentz, N. M. (5) 1842; Hermot, Henry, 1846; Holbrook, J. E. (4) 1855; Hough, F. B. (7) 1850-69; Howel, Robert, 1857; Jay, J. C. (6) 1842-46; James, T. P. 1855; Jenkins, Thomas (7) 1847-48; Johnson, A. J. 1876; Jones, Eliot (2) 1879; Kirtland, J. P. (2) 1850 & 1853; Lawson, Mahma, 1879; Lea, Isaac (6) 1841-53; LeConte, J. L. (49) 1844-67; Leidy, Joseph (3) 1847-49; Lesley, Joseph (3) 1858-80; Lewis, G. A. 1869; Lindsley, J. B. 1848; Lynch, W. F. 1847;

McCreath, Andrew, 1879; Markoe, Francis Jr. (3) 1844-46; Meek, F. B. 1866; Mighels, J. W. (12) 1841-43; Melsheimer, F. E. (43) 1842-73; Miller, G. McC. (4) 1854-58; Mochulskii, V. I. (8) 1853-59; Mombeck, J. I. 1869; Morris, J. G. (38) 1842-49; Morris, M. H. 1848; Morris, R. 1849; Newberry, John (2) 1845; Nolan, E. J. (2) 1845; Norton, Edward (2) 1860; Osten Sacken, C. R. (3) 1857; Packard, A. S. (3) 1867-78; Paine, J. A., Jr. 1866; Parrite, E. (2) 1849; Phillips, J. C. (13) 1842-44; Porter, J. M. 1850; Putman, F. W. (5) 1876-77;

Rathvon, S. S. (3) 1856-79; Rau, Charles, 1879; Reinhardt, J. C. H. (21) 1843-72; Robinson, H. P. 1840; Rogers, H. D. (2) 1848-51; Ruschenberger, W. S. W. 1877; Sargent, C. S. (3) 1878; Savage, T. S. (2) 1849-50; Say, Lucy Way (7) 1840-47; Schaum, H. R. (5) 1848-55; Sharswood, William (8) 1858-70; Silliman, Benjamin (6) 1840-51; Shumarde, B. F. 1848; Shuttleworth, R. J. (2) 1843-45; Smith, Sanderson, 1870; Snyder, D. M. 1850; Sommerville, James, 1858; Stabilez, Joseph, 1861; Stansberry, Howard, 1852; Stauffer, Jacob (2) 1855-58; Stimpson, William, 1866; Storer, D. H. 1843; Strain, J. G. (3) 1843-47; Strickland, H. E. 1849;

Tappan, B. 1845; Torrey, John, 1838; Townsend, J. K. (3) 1844; Trego, Charles (8) 1842-72; Troost, Gerard (5) 1842-46; Tryon, George Washington, Jr. (12) 1862-80; Tuomey, M. 1845; Tyndall, John, n. d.; Uhler, Phillip Reese (2) 1858-65; Van Brunt, Reuben, 1817; Vaux, William, 1850; Vuellerup, C. E. 1850; Ward, Charles (2) 1840; Wagner, Samuel (2) 1856-60; Webster, Noah, 1840; Wetherby, A. G. 1879; Whitaker, Ephraim, 1855; White, Charles Abiathas, 1878; Whittemore, Thomas Jefferson (4) 1840-41; Wilkes, Charles, 1848; Wright, Samuel, 1843; Ziegler, D. (13) 1842-46.

DELAWARE VALLEY ORNITHOLOGICAL CLUB. Papers, 1890-1937. 234 items.

Founded January 23, 1890 at 1624 Arch St. by Spencer Trotter, William L. Baily, J. Harris Reed, George S. Morris and Samuel N. Rhoads, the society has flourished ever since. Through most of its existence its headquarters have been at the Academy of Natural Sciences and its collections eventually

were donated to that institution. Its official organ is Cassinia, where much of historic and biographical interest to ornithologists has been published. Includes constitution, minutes, lists and photographs of members, treasurer's reports, programs, scrapbook of activities, 1890-99, and general historical papers and correspondence.

Deposited from the Department of Ornithology in 1953 through R. M. de Schauensee. \*Coll. 74

Signers of letters and documents:

Baily, William L. (14) 1890-1900; Baker, Charles H. 1900; Batchelder, C. F. 1892; Bendix, Charles E. 1892; Bicknell, Eugene P. 1895; Bishop, Louis B. 1898; Bissegger, John B. 1896; Buller, W. H. (2) 1895-98; Bush, Walter D. 1898; Chapman, Frank M. 1894; Cope, Francis R., Jr. 1900; Coues, Elliott, 1894; Coxe, Edmund J. D. 1897; Deane, Ruthven, 1894; DeHaven, I. N. 1897; Dixon, Samuel G. 1894; Evans, J. Wistar, 1900; Evans, William B. 1900; Foster, L. S. (2) 1890-94; Fox, Harry, 1899; Graham, H. L. 1897; Hoopes, Josiah, 1895; Hoover, Walter W. 1897; Hutchinson, J. B. 1900; Jacobs, J. Warren, 1895; Koch, August, 1895; Laurent, Philip, 1900; Lucas, Frederic A. 1892; Montgomery, Thomas L. 1892;

Norris, George S. (3) 1890; Palmer, Samuel C. 1899; Palmer, T. S. 1892; Pennock, C. J. (2) 1895-1900; Posson, Cornelius F. (2) 1899-1900; Prendergast, James F. 1899; Reed, J. Harris (8) 1890-97; Rhoads, Charles J. 1892; Rhoads, Samuel N. (7) 1890-1900; Richmond, Charles W. (2) 1890-94; Rives, William C. 1894; Robins, Julia S. 1899; Rolston, H. W. 1939; Sage, John H. 1894; Satterthwait, Alfred F. 1898; Schauensee, Rodolphe M. de, 1939; Shryock, William A. (16) 1897-1908; Smith, W. Gordon, 1901; Sorensen, Fred K. 1900; Stone, Witmer (2) 1891-93; Stuart, George M. 1939; Surface, H. A. 1900; Thomas, W. Stephen, 1939; Todd, W. E. Clyde, 1895; Trotter, Spencer, 1891; Voelker, Charles A. 1891; Warren, B. H. (2) 1892-94; Warrington, Henry; 1896; Whitaker, William, 1899; White, Harry Gordon, 1892; Wilde, Mark L. C. (5) 1897-98; Woodhouse, S. W. 1901; Young, Robert T. 1898.

KIRN, Mr. Illustrations, 1852-54. 22 items.

Collection of engraved, colored plates of natural history subjects from an unidentified work, perhaps unpublished, probably German. These were signed as the property of R. H. Hering, on Jan. 26, 1856. A few of the engravings have the name "Kirn", printed in reverse. The second plate is signed, "Kirn, pe."

Donated by Carl Hering, a descendant of R. H. Hering, on Nov. 1923.

Coll. 75

WEYGANDT, CORNELIUS, 1871-1957. Papers, 1891-1937. 75 items.

Philadelphia writer and amateur ornithologist, he became an active member of the American Ornithologists' Union and of the Delaware Valley Ornithological Club. A treatise, here preserved and entitled "A list of birds observed in Mt. Washington Town, Berkshire Co., Mass. from June 19 to

July 19, 1891" was read before the local club on February 16, 1892. Letters addressed to W. Stone, 1904-37 all concern ornithology.

Preserved with the DVOC's papers and deposited by R. M. de Schauensee in 1952, in part; others donated with the Stone papers. Coll. 76

BOSTON MINERAL CLUB. Papers, 1949. 11 items.

Founded in 1936 but apparently not considered a scientific or technological club since its name does not appear in the bulletin listing such organizations. All items concern matters pertaining to the Club's activities during the year 1949, including an invitation to S. G. Gordon to speak at their September meeting about his expedition to Atacama in Peru. All of the material is typescript or mimeographed and includes programs of their monthly meetings from February through September of that year. From S. G. Gordon's files, 1952. Coll. 77

Signers are:

Dearborn, Grace G. (2) 1949; Gordon, Samuel G. (2) 1949.

FENDLER, AUGUSTUS, 1813-1883. Papers, 1868. 3 items.

German-born botanist and collector for Asa Gray to whom he supplied specimens from New Mexico, Venezuela, Trinidad and Panama between 1846 and 1850. Elected a corresponding member of the Academy in 1868. He was a friend and assistant of W. M. Canby, and while living in Wilmington prepared his Mechanics of the Universe, privately published in 1876, which contained advanced ideas now accepted in speculative physics. The manuscript for the latter is preserved with Canby's papers at the Wilmington Institute, as reported by Frank Morton Jones, 1959. The papers consist of two letters to the Academy and a list of Venezuelan plants, a broken series from number 9 to 2623, followed by a section entitled "Fendler's Chagras Collection."

From the Botany Department in 1955.

Coll. 78

LAWSON, ALEXANDER, 1772-1846. Scrapbooks of engravings, 1808-31? 344 sheets.

Originally received as 2 large scrapbooks, in which were pasted prints and proofs, even some colored artist's proofs. Mostly engraved by Alex. Lawson but a few by his son Oscar and his daughter Helen. Also a considerable number of original drawings and watercolors from which engravings were made.

The artist's originals are by J. J. Audubon, J. J. Barralet, T. Birch, Gen. Floyd, S. S. Haldeman, Helen and Oscar Lawson, Joseph Leidy, Titian R. Peale, A. Rider, P. Rindisbacher, S. Seymour, William Strickland and Alexander Wilson. Includes 63 engravings for Alexander Wilson's American Ornithology and 48 for Bonaparte's continuation.

Gift of his daughters Malvina and Mary Lawson, who at the instigation of S. S. Haldeman assembled them from their father's effects after his death.

A microfilm copy is on file at the Detroit Museum. A description was published in The Auk, v. 43, p. 47-61, 1926. \*Coll. 79

List of signers:

Audubon, John James; Barralet, J. J. (16); Birch, T.; Ellet, Charles, Jr. (2); Farrier, R.; Floyd, General, (of Georgia); Haldeman, S. S.; Lawson, Oscar A. (2); Leidy, Joseph; Millington, J. (2); Peale, Titian R. (7); Rider, Alexander (6); Rindisbacher, P. (3); Seymour, S.; Strickland, William; Wilson, Alexander (11).

ANSP. CORRESPONDING SECRETARY. Records of letters written, 1814-73. 121 items.

The four volumes include records of the Corresponding Secretaries, Harrison Allen, Edward D. Cope, Reuben Haines, Walter R. Johnson and Samuel G. Morton. The period 1814-73. The series is not complete, with some overlapping dates. Included are transcripts, resumés and notations of dates and addresses to whom letters were written. The transcripts in all amount to 121, whereas the total number of cards placed in our recipients file adds to 1406. While the same information was reported to the meetings of the Academy each week, apparently this series of letterbooks represents the official record of the correspondence with the Academy. The material was annually published after 1840 in the Proceedings but even there it was not completely listed.

Archived from various collections found in the Academy, either in the library or in departments. \*Coll. 80

Signers of transcripts:

Allen, Harrison (10) 1867; Cassin, John (4) 1848-49; Cope, Edward D. (57) 1868-70; Dixon, Samuel G. (3) 1871; Gambel, William (3) 1848; Johnson, Walter R. (8) 1840-46; Morton, Samuel G. (22) 1832-40; Nolan, Edward J. (4) 1871.

ANSP. CONCHOLOGICAL SECTION. Papers, 1866-1910. 516 items.

The section was established in 1867 and continued until abolished in 1924. In the collection are found two volumes of minutes, one ledger of nominations for membership, a comprehensive list of members from 1866-1888, correspondence, reports of financial affairs including treasurer's reports and rough notes from special committees, various records from the Pennsylvania Company, and reports of the publication committee with correspondence, both letters and a letterbook containing the replies of the recorder.

Archived from various parts of the Academy in 1960. \*Coll. 81

List of signers:

Allis, W. S. 1888; Andrews, Geo. 1888; Avery, Miss M. E. (16) 1889-92; Baillièrè et Fils (3) 1888; Barkley, W. D. 1892; Bateman, Miss S. M. (4) 1889; Beadle, E. R. (4) 1867-71; Beddome, C. E. (2) 1884-88; Bergh, R. 1888; Binder, Horace & Kelly (19) 1888-92; Binney, W. G. 1891; Brat,

August, 1888; Brockhaus, F. A. 1891; Brown, A. D. (3) 1868-71; Brown, J. J. 1888; Brown, S. D. 1867; Butler, W. H. (3) 1888-89; Caspar, C. N. (2) 1888; Cassino, S. E. (4) 1888; Castillo, Antonio del, 1888; Casto de Elera, Fr. 1888; Century Lith. Co. (6) 1889-92; Chain, Hardy & Co. 1888; Chilberg, J. E. 1888; Clarke, Robt. & Co. n. d.; Cope, Edw. D. 1874; Crandall, A. R. (3) 1888;

De Tar, D. N. (2) 1888; Dignan (Mrs.) H. C. (21) 1888-92; Dohrne, Anton, 1888; Dollfus, G. 1888; Dore, Harry E. 1888; Dulau & Co. 1888; Dunham, Frances, 1888; Dwight, Wm. B. (2) 1888; Egle, Wm. H. 1888; Enos, Edw. A. (2) 1888; Estrella, T. H. S. 1888; Foote, A. E. (7) 1888-91; Forbes, S. A. (2) 1888; Ford, Carrie W. (3) 1891; Freeman, J. C. 1888; Friedländer & Sohn (2) 1888; Friele, Herman, 1888; Fronani, E. 1888; Fuentes y Capdeville (3) 1888; Fulton, Hugh (3) 1893; Gagnon, F. C. (2) 1888; Georg, H. (2) 1888; Gilbert, Ellie J. (5) 1868-71; Gray, Arthur F. 1888; Green, James, 1913; Gregorio, Antonio de, 1888; Gwinn, John (2) 1869-73;

Haldeman, S. S. 1867; Hall, J. W. 1889; Hallowell & West, 1893; Hamel, Thos. E. 1887; Harvey, F. L. 1888; Hassler, F. A. n. d.; Hemphill, Henry (6) 1888-89; Henry, Joseph (2) 1867-70; Henszey, Wm. C. 1875; Hermann, Theo. 1888; Hicks, L. E. (2) 1888; Hillborn, Chas. (2) 1888-89; Howell, Sam. B. 1874; Hoyle, Wm. E. 1888; Huett, J. W. 1888; Hungerford, R. (8) 1886-88; Hunter, Andrew, 1876; Hutton, F. W. 1884; Justus, J. C. 1891; Keile, Th. (2) 1891-92; Kent, Miss A. M. 1888; Kline, A. C. 1868; Kobelt, D. W. 1888;

Langley, S. P. (2) 1888; Lankester, E. Ray 1888; Lewis (Mrs.) Emma L. (15) 1888-92; Lewis, Samuel, 1873; Lippincott, J. B. 1888; McGinty, Wm. J. 1902; Mactier, Henry, 1888; Mactier, Wm. L. 1867; Marshall, John, (4) 1888; Martens, Ed. v. 1888; Merrihew & Son, 1872; Moss & Co. 1867; Murdock, John 1888; Musson, Kittie (26) 1888-92; Nichols, A. A. (2) 1888; Nolan, Edward J. (22) 1867-1904; Parker, C. F. (2) 1876; Parker, H. W. 1888; Pelton, E. R. (3) 1888; Percival, Henry, 1867; Perot, C. P. 1890; Pilsbry, H. A. (34) 1889-92; Ponsonby, John, 1888;

Reed, C. D. 1888; Richardson, (Mrs.) M. (5) 1891-92; Robbins, H. H. (2) 1888; Roberts, S. Raymond (35) 1867-99; Rolle, Hermann, 1889; Ross, J. W. (29) 1888-92; Ruschenberger, W. S. W. (2) 1871-77; Ryder, John A. 1884;

Savy, F. (2) 1888; Scofield, E. H. (7) 1889-92; Scott, Foreign delivery, 1889; Sheppard, Edwin (36) 1888-92; Shimek, B. (5) 1888; Shulak, Francis X. (3) 1888; Simpson, Chas. F. 1888; Sinclair, Thos. 1872; Smith, E. W. (10) 1888-91; Smith, Edgar A. 1888; Smith, Eugene A. 1888; Smith, Lloyd P. 1867; Sowerby, G. B. 1891; Spinner, F. E. (2) 1888; Stearns, Frederick (2) 1888; Stearns, R. E. C. (3) 1888; Stechert, Gustav E. (2) 1888; Steiger, E. 1891; Stevens, B. F. (2) 1885-88; Stout, F. (4) 1889;

Thomson, John H. (3) 1888; Trübner & Co. (4) 1888; Tryon, G. W. (6) 1867-83; Uessin, S. 1888; Utley, H. M. 1888; Vanatta, E. G. 1904; Vassalli, Filippo (2) 1888; Vaux, G. W. (2) 1876-76; Vaux, J. Waln, 1894; Velie, J.

## Coll. 81 (cont.)

W. (2) 1888; Vendryes, Henry, 1888; Ward's Natural Sci. Establ. 1892; Wheatley, Chas. M. (5) 1867-68; Wheller, Wm. C. (6) 1875-89; Whidden, Bradlee (12) 1888; Whitfield, R. P. 1888; Wilson & Ellis (3) 1888; Wright, Albert A. 1888; Yeakel, Wm. M. 1867; Zittel, K. A. von, 1888.

MEEHAN, THOMAS, 1826-1901. Papers, 1860-1900. 259 items:

This English-born gardener, was also a horticulturalist, amateur botanist and nurseryman of Germantown, Pa.; founder and editor of Meehans' Monthly, a gardener's magazine; State Botanist for the Board of Agriculture; and City of Philadelphia Councilman. Academy member and vice-director of the Botanical Section, he concerned himself with the library and with botanical and publication business. In his letters he refers to the Bornmüller collection of plants, to the Thomas Lea herbarium, to the Elias Durand Library donated to the Academy and to the Charles Eastwick Smith collection of correspondence bequeathed in 1900. Included are letters, notebooks (Fendler's Venezuelan Plants), illustrations, photographs and biographical papers amassed by F. W. Pennell.

Gift of the author and of Charles E. Smith; archived in 1955 from the Department of Botany. \*Coll. 82

Signers of letters and documents:

Heilprin, Angelo, 1887; Holster, W. 1888; Lochman, A. C. 1899; Pollard, Charles Louis, 1899; Redfield, John, 1876; Williams, Eduard W. 1885.

PALMER, EDWARD, 1831-1911. Plants of Arizona, 1877. 1 item.

Plant explorer of the American West; a field naturalist who gathered more than 100,000 specimens of plants and thousands of archaeological, ethnological and zoological specimens. During a lifetime of exploration he visited Paraguay, Mexico, southwestern United States, and was the first naturalist to collect in Guadalupe Island off Baja, California.

This list is entitled "Cat. of Palmer's plants of Arizona, 1877" and carries some hundred entries bearing scattered numbers from 9 to 557. An appended legend shows seven collecting localities, A-G, and each species clearly assigned. During his 1877 trip, Palmer is recorded as having collected 532 species, only 125 of which were from Arizona. The numbers were supplied by C. C. Parry after the set of plants was sent to Davenport. Since five or six sets were later distributed, this catalog, doubtfully written by Palmer, may have been a sales list of the plants.

From the Botany Department, February, 1955.

Coll. 83

ANSP. LIBRARY AND PUBLICATION COMMITTEE. Papers, 1836-1909.  
4 items.

The functions of the library committee and the publication committee were combined for many years, even after two committees were established. In this collection we have a report of 1838 regarding the printing of the library catalogue and also a record of accounts for the combined library and publica-

tion committee for the dates 1884 to 1893 and from 1888 to 1909, both of the account records being in Edward J. Nolan's hand. Coll. 84

ANSP. CENTENARY CELEBRATION, 1912. Papers, 1911-13. 4 cartons.

This celebration was held March 19-21, 1912, the information about the meetings themselves being contained in E. J. Nolan's Centenary volumes, Coll. 431. The papers in the present collection begin with a volume of the registration of delegates, continues thru programs and minutes of the Centenary committee under the chairmanship of Edward J. Nolan. A sizeable volume is also devoted to documents, that is, stenographers notes, final reports, cards, circulars, programs, and accounts all set up by Nolan. The Corresponding Secretary, J. Percy Moore, maintained his file of correspondence in four letter files with a cross reference on cards to some 1,000 institutions which were approached and invited to the celebration. Felicitations and congratulatory certificates were sent by twenty-seven institutions which were not represented at the celebration. Finally we have the correspondence of the President of the Academy, Samuel G. Dixon in arranging for the actual Philadelphia cooperation in the meeting.

Archived in 1960. No attempt has been made to list the signers of documents in this collection. \*Coll. 85

ANSP. BOARD OF CURATORS. Papers 1822-1923. 37 items.

From the year of its founding, the Academy appointed curators for its collections. Later, a board of curators was erected in charge of the museum, and to a lesser extent of the building as a whole.

This lot contains three minute books of the Board of Curators, 1883-92, 1892-1901, and 1902-23. In addition, are two notebooks, one containing bills approved by the curators, 1893-95, the other recording daily work done in the museum by Ives (J.E.?). Annual reports of the curators cover, in part, the years from 1822 to 1883, 22 in all. There are several special reports, and a few letters. Coll. 86

Signers of letters and documents:

Ashmead, Samuel, 1847; Binder, Jacob, 1883; Cassin, John, 1847; Dixon, Samuel G. 1894; Hallowell, Edward, 1847; Hays, Isaac, 1826; Ives, J. E. n. d.; Johnson, Walter R. 1835; Leidy, Joseph, 1847; Lesueur, C. A. 1822; Lukens, Isaiah, 1828; McEuen, Thomas, 1838; Morton, Samuel G. 1831; Nolan, Edward J. 1889; Parker, Charles F. 1882; Peale, Titian R. 1826; Pearsall, Robert, 1839; Pickering, Charles, 1835; Pilsbry, Henry A. n. d.; Say, Thomas, 1823; Sharp, Benjamin, n. d.; Skinner, Henry, 1897; Smith, Uselma, 1882; Stone, Witmer, n. d.; Vaughan, John, 1826; Vaux, George, 1889; Vaux, William S. 1839; Wetherill, John P. 1834; Zantzinger, William S. 1847.

COLBERT, EDWIN HARRIS, 1905- Field notebook, 1938. 1 item.

The Academy's expedition for paleontological field work in Nebraska was carried on during the summer of 1938. The title-page set up for this note-

book is, "Field Note Book Academy of Natural Sciences of Philadelphia, Expedition to Agate, Nebraska and other Fossiliferous Areas, 1938. Members of Expedition, Edwin H. Colbert, Edgar B. Howard, Malcolm Lloyd, Jr., Edward C. Page, Jr." This notebook begins with a diary, July 6- August 19 inclusive. It closes with a list of the mammals seen on the trip with a listing of field numbers 1-35. Colbert is a graduate of the University of Nebraska and consequently well acquainted with the area of this expedition. He went with the group as Associate Curator of the Academy which position he held between 1937-1940 when he became a research associate.

Provenance not known.

Coll. 87

PHILADELPHIA BOTANICAL SOCIETY. Archives, 1891-1958. 100 items.

Founded on Dec. 22, 1891, the Society has used the Academy of Natural Sciences as headquarters for its monthly meetings. The membership consists in part of professional botanists and in part of interested amateurs, and collectors. Its December meeting shortly before Christmas is usually a gala affair, with special decorations of named species of exotic evergreens. In 1908 the publication of a serial "Bartonia" was initiated, which has continued to the present time, although appearing somewhat irregularly.

These archives include, the constitution and a list of founders, rules and regulations, treasurer's reports and accounts and finally the minutes of their meetings from 1891 to 1958, except 1919-23.

The collection was deposited by the authority of Walter M. Benner and Bayard Long. The papers were found scattered in various desks in the Dept. of Botany of the Academy.

\*Coll. 88

ANSP. MINERAL DEPARTMENT. Papers 1915-52. 97 items.

This particular collection is limited almost entirely to the departmental papers and records preserved by Samuel G. Gordon during his association with the Academy. Annual reports of the curator; records of the general activities of the department; documents about the exhibits and educational endeavors; a scrapbook of news clippings; and the minutiae of the administration, expeditions and scientific inventions and equipment set up for the identification of minerals are all included.

Archived in 1952 from the Department of Mineralogy.

\*Coll. 89

Signers of letters and documents:

Aldrich, H. R. 1949; American Philosophical Society (2) 1944; Cadwalader, C. M. B. (3) 1944; D'Ascenzo, N. A. (3) 1948; Frorer, James R. 1947; Gordon, S. G. (5) 1944; Haeberle, Wm. F. 1948; Keeley, Frank J. 1949; Mengel, Levi W. 1932; Meyer, H. C. (2) 1946-48; Newbold, Arthur E., Jr. n. d.; Osgood, W. H. 1933; Phillips, Ethel, 1948; Simms, S. C. 1933; Zodac, Peter (2) 1947.

GILLIAMS, E. L. Crania in ANSP, 1894. 9 items.

Nine photographs of human crania in the possession of the Academy, presumably taken by Gilliams, who presented the pictures in 1894? \*Coll. 90

WILSON, WILLIAM S. Business Records, 1821-29. 7 items.

This collection consists of one letterbook, 1821-22, which contains 52 letters copied and signed by William S. Wilson, which are mostly written to his uncle Francis Thompson with some accounts and records enclosed in the letters; four day books from Dec. 24, 1821 to April 6, 1829; and two cash books and ledgers of accounts dating Jan. 1, 1828 to Dec., 1829. The material is all dated from Philadelphia and mention is made in the letters to a brother Edward, a co-signer in certain situations. The material was donated to the Academy by the heirs (Mrs. Alfred L. Mathias and Mr. & Mrs. William Alrich Price of Chester, Pennsylvania) of Rathmel Wilson of Newark, Delaware. This William S. Wilson was a contemporary of Thomas Bellerby Wilson and the material found with the latter's papers at the old home in Newark. It is recorded that Thomas Bellerby Wilson had four brothers, Rathmel, Edward, Charles and William. Edward was supposed to have been the business man in London and William, at certain periods of his life, represented the brothers in Paris. He was referred to by contemporaries as William Wilson of Philadelphia. No attempt has been made to index the material beyond counting the number of letters which were signed by William S. Wilson. Coll. 91

WILSON, HELEN E. Sketches and drawings, 1849-51. 19 items.

These drawings are all in pencil, fifteen of them signed "H. E. Wilson" or "H. E. W." The series consists of two landscapes, four portraits and nine flower pictures, some with butterflies included in the composition. Two additional sketches are signed "Mary Loyd" and "Joanna M. Taylor" respectively. Included with the materials are two small school drawing books, German editions of William Hermes, which have been autographed "To Arthur Chillas from Richard."

Donated by Mrs. Alfred L. Mathias and Mr. and Mrs. William Alrich Price, heirs of Thomas B. Wilson, 1955. Coll. 92

HILL, RICHARD, 1795-1872. Fishes of Jamaica, 1855. 1 item.

Naturalist and collaborator with P. H. Gosse in his natural history investigations of Jamaica, Hill prepared this 14 page list in 1855, the cover being labeled "unpublished". In 1857 J. M. Jones signed a bibliographic note stating that: "This is a copy of a privately printed list . . ." and that it was transcribed by himself.

Gift of William J. Fox, May 9, 1903. Published in The Book of Jamaica, 1881, p. 121-6. Coll. 93

BARNHART, JOHN HENDLEY, 1871-1949. Papers, 1936. 8 items.

Botanist and bibliographer of the New York Botanical Garden and Corresponding member of the Academy. The papers consist of 7 letters addressed to F. W. Pennell, pertaining to biographical material about Thomas Nuttall and a carbon copy of Pennell's letter to Barnhart written Oct. 5, 1936.

Gift of F. W. Pennell, 1952. Coll. 94

ELLIOT, DANIEL GIRAUD, 1835-1915. Sketch of Ruffed Grouse. 1 item.

The small oil painting of a ruffed grouse was done by this American ornithologist, zoologist and corresponding member who published several papers in the Academy's Proceedings. He held curatorial positions at both the Chicago and New York museums of natural history.

Gift of the author. 1860 ?

Coll. 96

RUSCHENBERGER, WILLIAM SAMUEL WAITHMAN, 1807-1895. Papers, 1879-93. 5 items.

The material consists of various documents compiled by Ruschenberger (1) A request that collections from the second geological survey of Pennsylvania be deposited at the Academy (2) notes and general information about the Academy's affairs dated in the 1860's (3) other notes by Ruschenberger pertaining to Camillus McMahan Mann (4) a set of rules for janitor's duties in the Academy (5) a typescript copy taken from the minutebook pertaining to the Hays Arctic Expedition.

Archived in 1953, collected from various files in the Academy. Coll. 97

TRYON-PILSBRY CORRESPONDENCE. 1836-1957. ca 9,500 items.

The George W. Tryon correspondence was assembled as a collection of holograph letters, and was called "Autographs of Conchologists". The Henry A. Pilsbry correspondence, is concerned primarily with departmental matters, but also covers the author's activities with administrative affairs of the Academy, with the journal The Nautilus, and with his personal relations with other conchologists throughout the world. The letters are signed by 1,446 authors, the series including copies of 4,233 from Pilsbry.

The Tryon collection was archived in 1953, the Pilsbry in 1959. Coll. 98

List of signers:

Abbott, Clinton G. (2) 1933-38; Abbott, R. Tucker (8) 1948-54; Adams, Arthur, 1866; Adams, Charles Baker (7) 1847-52; Adams, Charles C. (4) 1927-42; Adams, L. A. 1942; Adams, Mary H. (2) 1861-63; Adams, Roy H. 1938; Adamson, A. M. 1941; Adensamer, Wolfgang, 1928; Adkins, W. S. (8) 1929-34; Adler, Cyrus, 1936; Adler, Edward, A. 1940; Agassiz, Alex. 1873; Agersborg, H. P. K. 1931; Aguayo, C. G. (4) 1928-48; Akre, Ruth, 1937; Albany, Richard L. 1940; Alderson, E. G. (2) 1927; Aldrich, H. R. (3) 1935-53; Aldrich, Truman Hemingway (9) 1866-1932; Allan, Joyce (2) 1946; Allen, C. C. (2) 1928-33; Allen, John H. 1845; Allen, Robert P. (2) 1937; Allevein, M. Gertrude, 1941; Allibone, Samuel Austin, 1862; Allison, Frank W. (2) 1906; Ameel, Donald, 1932; Amneus, Nils, 1921;

Ancey, C. F. (2) 1882-1904; Ancona, Ignacio A. 1940; Anderson, A. E. 1931; Anderson, C. 1936; Anderson, Frank M. (4) 1932-39; Anderson, O. M. 1945; Andrews, E. A. (40) 1931-48; Andrews, (Mrs.) George (5) 1879-1905; Antheaume, A. 1886; Anthony, John Gould (23) 1839-75; Arango y Molina, Rafael, 1873; Archer, Allan Frost (27) 1931-40; Archer, F. (2) 1884; Archer, S. 1883; Ariss, Robert (3) 1940; Armstrong, John C. (2) 1931-32; Arnold, Ralph, 1931; Ashby, Edwin (3) 1923-28; Ashcraft,

Granville, 1938; Atkinson, Carroll B. (2) 1928-34; Atmus, R. 1957; Aytoun, James B. 1939;

Bailey, J. F. 1883; Baily, Joshua Longstretch, Jr. (43) 1931-53; Baird, Spencer Fulerton (7) 1862-87; Baker, Bernadine, 1937; Baker, C. H. 1912; Baker, F. H. (4) 1905-13; Baker, Frank C. (56) 1903-42; Baker, Fred (14) 1911-38; Baker, Horace Burrington (37) 1930-50; Balch, Edwin Swift, 1923; Balch, Francis N. 1937; Baldacchino, Joseph G. 1931; Baldauf, Richard J. (3) 1952; Ball, Stanley C. (8) 1926-40; Banks, Gilbert (2) 1932-33; Banyard, Lewis, 1935; Barbour, Thomas, 1934; Barclay, Sir David W. (2) 1847-49; Barker, Austin, 1937; Barker, R. Wright (7) 1932-36; Barnard, Keppel (3) 1916-17; Bartlett, R. A. 1935; Bartram, Edwin B. 1934; Bartsch, Paul (115) 1912-49; Basinger, A. J. 1931; Bassler, R. S. 1938; Baugher, Ethel G. 1945; Baughman, J. L. 1951; Bayer, Charles (2) 1934-35; Bayer, Frederick M. (8) 1941-46;

Beadle, Elias Root (8) 1848-69; Beal, J. H. (8) 1936-38; Beauchamp, W. Martin (2) 1885-1916; Becker, E. R. 1948; Beckley, W. (3) 1931; Beddome, C. S. (2) 1883-85; Beebe, William, 1937; Beecher, C. E. 1892; Beetle, Dorothy E. 1950; Bell, Walter A. 1929; Bennett, Susan A. (2) 1954; Benoit, Louis, 1868; Bequaert, Joseph Charles (30) 1923-49; Berg, Sigurd, 1952; Berry, Edward W. (12) 1917-35; Berry, Elmer G. (7) 1932-46; Berry, S. Stillman (9) 1927-40; Berthier, Gaston Vivas (2) 1938; Beury, Charles E. 1940; Bielz, Edward Albert (2) 1865; Biggs, H. E. J. (7) 1932-38; Bijur, George, 1934; Binney, W. G. (2) 1861-1902; Biraben, Maria Isabel H. Scott de (2) 1950-51; Birkhauser, Max, 1931; Bishop, S. C. (7) 1926-44; Black, Maurice (2) 1930; Blackwelder, E. B. 1932; Blaine, Alger P. 1955; Blake, Charles H. (2) 1931-32; Blake, S. F. (3) 1942; Blakeslee, C. L. (16) 1937-48; Bland, Thomas (5) 1861-79; Blanford, W. T. (3) 1867-77; Blom, Frans (2) 1953; Bloomer, H. H. (6) 1931-33; Blume, Lydia (2) 1941; Blume, F. Werner 1950;

Boekelman, H. J. (18) 1926-36; Boettger, Oskar, 1890; Boissevain, Mia, 1904; Bolchovitianov, V. (3) 1930-32; Borell, A. E. 1931; Bormann, (Mrs.) Ralph (6) 1941-53; Bornger, Caesar R. (2) 1927; Boschma H. (3) 1934; Bourgeois, Marie E. (7) 1934-42; Bourguignat, Jules René, 1869; Boury, Eugene de, n. d.; Bousfield, E. L. (4) 1951-54; Bouvier, Paul (2) 1882-83; Bowen, David R. 1933; Bowen, Lydia S. 1936; Bowers, H. L. 1933; Bowles, Edgar (7) 1933-35; Bowman, Isaiah, 1927; Boycott, A. E. 1937; Boyd, Mark F. (2) 1943; Boydin, Alan (3) 1934-35; Boyer, Carl (3) 1932-42;

Bradley, J. Chester (2) 1927; Bradley, Walter W. 1930; Brady, John J. 1953; Brand, Donald D. (2) 1951; Brand, Louis, 1944; Branham, (Mrs.) Hugh (5) 1951-52; Braum, Paul 1949; Brazier, John (2) 1894-1917; Breder, C. M. (2) 1931; Briggs, H. E. J. (2) 1932-36; Briskas, James 1939; Brislin, Leila E. 1944; Bristol, Viola S. 1945; Britton, W. E. 1931; Brooks, Albert E. 1928; Brooks, Betty Watt (5) 1932-45; Brooks, Harold K. 1954; Brooks, Stanley Truman (38) 1930-42; Brot, Auguste (2) 1864; Brown, A. D. (3) 1861-67; Brown, A. S. (3) 1933; Brown, C. Emerson, 1911; Brown, Katie, 1945; Brown, Merton H. 1935; Brown, Stewardson, 1906; Browning, Wesley, 1896; Brubaker, J. H. 1925; Brueggeman, Joseph, 1933; Brunner, Frank,

## Coll. 98 (cont.)

1934; Brunson, Royal Bruce (4) 1954-56; Bryan, E. H. 1938; Bryan, William Alanson (2) 1918; Bryant, Benjamin H. 1934; Bryant, F. W. 1900; Bryant, Harold C. 1935; Bryant, H. S. 1934;

Bucher, Walter H. 1934; Buck, Peter H. (5) 1940-49; Buck, Tom, 1940; Buckman, H. H. 1949; Buechner, Helmut K. (3) 1947-54; Burch, John B. 1953; Burch, John Q. (4) 1951-53; Burfoot, J. D. (3) 1937; Burgess, Dane E. (2) 1932; Burke, Clara, 1954; Burkenroad, Martin D. (5) 1937-39; Burnett, L. J. 1936; Burnett, W. E. (20) 1925-31; Burnup, Henry C. (4) 1917-27; Burtch, Verdi, 1912; Bushey, Clinton J. (3) 1948-50; Butler, Elwood, 1930; Byne, W. G. n. d.;

Cadbury, William W. 1952; Cadwalader, Charles M. B. (6) 1926-43; Cailliard, Frederic (2) 1866-68; Cales, A. P. 1940; Calma, W. T. 1934; Calvert, Philip P. (2) 1922-30; Camelo, Joaquin G. 1948; Cameron, Anne H. G. (2) 1953; Cameron, Cornelia, 1944; Camp, Charles Lewis, 1935; Campbell, C. L. 1955; Canefri, César Tapperone, 1886; Cantell, C. A. Nilsson, 1931; Carmichael, Emmett B. 1928; Carpenter, H. F. (3) 1900-16; Carpenter, Philip Pearsall (5) 1862-71; Carpenter, R. R. M. (4) 1931-35; Carricker, Melbourne A. (5) 1943-54; Carswell, Edwin J. (2) 1951-52; Caruthers, Morris E. (3) 1932-52; Carver, Eleanor M. 1947; Casey, Thomas Lincoln, 1902; Cassin, John, 1867; Caster, Kenneth E. (9) 1931-54; Cather, James N. 1954; Cattell, J. McKenn (3) 1935-40; Causey, Ottis R. (3) 1950; Cavada, Frederic F. (2) 1867; Cawston, F. G. (3) 1927-38; Cay, Richard I. 1863;

Chace, E. P. (21) 1927-54; Chase, Fenner A. (3) 1952; Chadwick, George Halcott, 1937; Chamberlain, L. T. (3) 1896-1903; Chamberlain, R. V. (10) 1928-32; Chandler, Asa C. 1941; Cheatum, E. P. (12) 1930-50; Chen, H. T. (3) 1934-35; Chenu, Jean Charles, n. d.; Chessex, Charles D. (3) 1937-38; Childs, George H. (3) 1944; Chilton, Charles (2) 1915-19; Chirin, L. 1951; Chittenden, L. E. (2) 1863; Chitty, Edward (5) 1852-53; Chow, Yaoping, 1947; Christy, David (2) 1859-73; Church, Patricia, 1934; Clapp, George H. (25) 1894-1938; Clapp, William F. (2) 1912-33; Clark, Herbert Lyman, 1930; Cleaves, Howard (6) 1930-35; Cleborne, Christopher James (2) 1867; Clement, A. C. 1934; Clench, William J. (134) 1925-56; Clessin, Stephan, 1882; Clokey, Ira W. 1938;

Coats, Ruth E. (3) 1935-36; Cockayne, E. O. 1908; Cockerell, Theodor Dru Allison (53) 1891-1945; Coe, Ernest F. 1931; Coker, R. E. (2) 1933-34; Colbert, Edwin H. (2) 1941; Collins, Alfred M. 1932; Collins, R. L. (3) 1931-34; Colton, Harold S. (2) 1928-35; Comfort, Alexander (2) 1938; Comstock, John, 1925; Conant, Roger, 1945; Conard, Henry S. 1934; Conemenos, Nicolas (2) 1885; Conklin, Edwin G. (7) 1927-40; Conner, Charles H. 1911; Connolly, M. (12) 1918-35; Connolly, Matthew William Kemble, 1918; Conteras, Francisco, 1925; Cooke, C. Montague (37) 1899-1946; Cooke, T. A. 1949; Cooper, Chas. 1899; Cooper, Ebenezer, 1887; Cooper, James Graham (3) 1867-72; Cooper, William (2) 1858-62; Cope, Edward Drinker (2) 1871-85; Cope, Paul M. 1940; Corbett, William Phelps, 1954; Corey, Fred B. 1945; Corey, Irene, 1935; Cornwall, Ira E. (16) 1923-54; Cort, W. W. (2) 1934; Cossmann, Alexander Edouard Maurice (2) 1893;

## Coll. 98 (cont.)

Costlow, John D. (3) 1953-54; Cottam, Clarence, 1942; Cotton, Bernard C. 1931; Cox, George H. 1950; Cox, James Charles (3) 1885-97; Cox, L. R. 1943;

Crampton, Henry E. (6) 1927-49; Crandall, O. A. (2) 1895; Crater, L. P. 1929; Crawford, G. I. (5) 1938-39; Crawford, N. A. 1926; Creighton, Sue White, 1952; Cresson, E. T., Jr. 1908; Crickmay, C. H. 1929; Criss, Robert, 1940; Crosby, C. R. (5) 1925; Crosby, H. Lamar, 1929; Crosse, Henri (14) 1863-97; Crouch, George, 1923; Crowther, H. 1885; Cuming, Hugh (8) 1857-64; Cundall, Frank, 1931; Currie, Rolla P. 1932; Currier, A. O. (3) 1863-70; Currier, John McNabb, 1865; Curry, J. F. 1933; Cushman, Joseph A. 1930; Czerwonka, O. R. 1952;

Dall, William Healey (64) 1866-1927; Dalton, Howard Clark (5) 1931-32; Daly, Francis I. 1949; Damon, Robert (4) 1863-67; Daniels, L. E. 1915; Darbishire, R. D. (2) 1885; Daulte, Frank (2) 1865-66; Dautzenberg, Philippe, 1883; Davidson, Jean, 1948; Davidson, Vera G. 1929; Davis, W. M. 1928; Dean, J. Davy (4) 1933; DeBoe, Mizpah Otto (3) 1933; DeCamp, William Henry, 1865; DeChamplain, A. A. 1929; Deckert, Richard F. (6) 1931-32; Deckle, G. W. 1956; Degrew, E. 1927; Dell, R. K. 1941; DeMesa, Pedro (5) 1933-34; Demond, Joan, 1951; Derjugin, K. 1930; Derry, Bruce E. (2) 1931-33; Deshayes, Gerard Paul, 1865; Despott, Gus, 1919; Devine, Frank L. 1937; DeWolf, M. M. 1946; Dexter, Ralph W. (3) 1944-54;

Dickerson, Roy E. 1931; Dignan, Charlotte, 1932; Dixon, George, 1844; Dixon, J. K. 1911; Dobie, J. Frank, 1934; Dodge, Henry (27) 1944-55; Doe, Margaret Florence, 1936; Doeflinger, Charles H. 1867; Doggett, R. L. S. 1941; Dolan, Brooke (3) 1931-33; Dolley, John S. (4) 1937; Dollfus, Gustave (3) 1887; Dorner, (Mrs.) H. J. 1942; Downie, T. C. 1866; Downward, Virginia J. (2) 1937; Drake, Robert J. (29) 1945-55; Dranga, Theodore T. (2) 1923-41; Driver, Ernest G. 1939; Drummond, R. B. 1931; Dryfoos, (Mrs.) Gabriel, 1934; Dundee, Dee, 1952; Dunker, Wilhelm Bernard Rudolph Hadrian (3) 1847-57; Dunn, Emmett R. (2) 1932-36; DuPont, Irénée (6) 1943; Dupuy, Gaston (2) 1885; Dury, Ralph, 1932;

Eagle, Harry (3) 1946; Eames, Arthur J. 1923; Eastman, Charles Rochester, 1896; Edmunds, Alfred S. 1942; Edmundson, C. H. (3) 1929-50; Edwards S. M. (2) 1929-31; Eggleston, H. R. (2) 1951; Ehrenfeld, F. 1929; Ehrman, Paul, 1927; Eickman, Charles Jetter, 1955; Eisenhart, L. P. (3) 1950; Elias, M. K. (2) 1945; Eliot, Charles (5) 1899-1901; Elrod, Morton J. (2) 1932-36; Emerson, J. S. 1913; Emerson, William K. (5) 1948-53; Emery, D. L. (4) 1929-38; Emilio, S. Gilbert (2) 1937; Emmons, Stephen, 1847; Engle, K. T. L. (2) 1929; Ensworth, Leon H. (2) 1935; Ernst, A. 1883; Eshleman, John B. 1866; Evans, Francis C. 1947; Evermann, Barton Warren (2) 1927-32; Evers, (Mrs.) O. C. 1947; Eyerdam, Walter J. (19) 1901-54;

Fake, Charles Thompson (2) 1952; Fargo, William G. (27) 1943-53; Farrar, William James, 1892; Faust, Ernest Carroll (3) 1934; Faxon, F. W. 1943; Feather, Howard L. (2) 1948; Federighi, Henry, 1930; Feineive, Mr.

## Coll. 98 (cont.)

1926; Felippone, Florentino (8) 1911-34; Fenton, Beatrice, 1937; Fenton, Carroll Lane, 1931; Ferguson, David W. 1866; Ferguson, Mary E. 1936; Fermanis, Mr. 1919; Ferris, James H. (7) 1892-1925; Field, Richard W. (14) 1929-36; Field, Stanley C. (5) 1931; Finlay, H. J. 1932; Fischer, Henri, 1894; Fischer, Paul (4) 1886-1904; Fisher, A. K. (2) 1929-30; Fisher, Paul M. 1951;

Fleming, John A. (3) 1931; Florin, Rudolf (2) 1926-27; Fluck, William Henry (15) 1932-46; Flynn, John E. 1938; Fock, Gustav, 1934; Follett, Olion, 1900; Foord, Arthur Humphreys, n. d.; Foose, Richard M. 1942; Forbes, Russell, 1947; Forcart, L. (4) 1945-51; Ford, Paul D. (6) 1941-49; Foreman, E. (2) 1863-64; Foster, Mary, 1932; Fowler, James A. 1954; Fox, William J. 1923; Frampton, Henry G. (2) 1943; Franck, George A. 1935; Fraser, C. McLean, 1923; Frauenfeld, George Ritter von, 1864; Freas, (Mrs.) Allen L. (2) 1950; Freeman, Daniel, 1931; Freedley, W. G., Jr. 1908; Frierson, L. S. (5) 1910-39; Frisbey, Jeanne, 1953; Frizzell, Donald L. (8) 1928-40; Frost, S. W. (2) 1927; Fuller, Frederic W. 1931; Fulton, Hugh C. (10) 1895-1934; Fyfe, Howard, 1949;

Gabb, William Moore (6) 1862-75; Gabriel, Charles J. (2) 1929-30; Gaines, Marshall R. 1912; Galloway, J. J. 1931; Gamon, Anne P. (2) 1933-35; Gangl, Anthony L. 1946; Gannett, Edith M. 1954; Gardner, Julia Anna (29) 1926-50; Garrett, And. J. 1885; Gassies, Jean Baptiste, 1865; Gatliff, J. H. (2) 1923-24; Gaumer, Edith E. 1931; Gee, N. Gist. (5) 1927-31; Geiser, S. W. (2) 1912-48; Geizer, H. L. (2) 1932; George, (Mrs.) Henry J. 1946; Gerhard, William J. (2) 1936-37; Germain, Louis (3) 1910-27; Getz, Dorothy, 1954; Gibbs, Walcott, 1897; Gibson, Fred, 1937; Gibson, Lillie, 1935; Gifford, D. S. (2) 1943-49; Gill, Theodore Nicholas (11) 1863-99; Gillespie, Mary Ann, 1950; Gilmore, Howard (3) 1946; Gilmore, Ralph, 1911; Girty, Geo. H. 1937;

Glale, Robert F. 1881; Glenn, L. C. (2) 1950; Gloyne, C. P. 1872; Godwin-Austen, Henry Havershaw (3) 1898-1923; Goggin, John M. (6) 1934-37; Gojmerac, Walter L. (2) 1955; Goodchild, Chauncey G. 1939; Goodnight, Clarence J. 1949; Goodrich, Calvin (43) 1927-50; Goodwin, Geo. 1926; Gordon, Mackenzie, Jr. 1938; Goston, G. R. 1940; Goto, Seitaro, 1915; Gould, Augustus Addison (18) 1849-63; Granger, A. 1885; Grant, U. S. (13) 1928-38; Grantham, Herbert T. 1905; Grason, Walter L. 1935; Gratacup, L. P. 1901; Grau, Gilbert (5) 1951-53; Gray, Arthur F. (6) 1886-1941; Gray, George M. (3) 1932; Gray, John Edward (4) 1829-69; Gray, Roger P. (5) 1931;

Gredler, P. Viniens, 1899; Green, Jacob, n. d.; Greenberg, Albert (4) 1937-38; Greger, Darling K. 1933; Gregg, James H. 1947; Gregg, Wendell O. (17) 1930-52; Gregorio, Antonio de, 1884; Gregory, Herbert E. (5) 1925-37; Gressitt, J. Linsky, 1934; Greville, Robert Kaye, 1854; Griffin, J. R. 1931; Grimshawe, C. N. (4) 1936; Grunsky, C. E. (2) 1934; Grunwald, O. E. 1932; Gude, G. K. (6) 1894-1911; Gudehus, E. R. 1933; Gudger, E. W. 1949; Gulick, Addison (9) 1901-31; Gulick, John Thomas (4) 1870-1908; Gunter, Herman (3) 1930; Guppy, Robert John Lechmere (2) 1869-74; Gutsell, James S. (3) 1930; Gwatkin, H. M. 1886; Gysser, Aug., 1864;

Haagenson, H. (2) 1863-64; Haas, Fritz (3) 1911-55; Hackney, Anne Gray (4) 1944-49; Hadley, Esther, 1955; Haga, (Mrs.) C. I. 1936; Hagenson, H. 1925; Haines, William A. (2) 1858-65; Haldeman, Samuel Stehman (3) 1861-67; Hall, Elihu, 1866; Hall, (Mrs.) John P. (2) 1934; Hall, Louis B. n. d.; Hall, Robt. W. 1909; Hamilton, Eleanor E. 1935; Hamilton, S. H. n. d.; Hamlin, Charles Edward, 1866; Hamlin, F. M. 1885; Hammerschlag, Max G. 1953; Hancock, Albany, 1871; Hand, Edwin E. (4) 1912-30; Hanham, A. W. (4) 1926; Hanna, G. Dallas (29) 1910-41; Hanley, Sylvanus Charles Thorp (3) 1868; Hannibal, Harold (4) 1910; Harbison, Helen D. 1930; Harman, Walter J. 1954; Harper, (Mrs.) F. C. 1938; Harrigan, G. 1923; Harrington, George L. 1936; Harris, Gilbert Dennison (9) 1894-1943; Harris, R. Hamlyn, 1913; Harry, Harold (3) 1940-42; Hartman, William Dell (6) 1864-94; Hartvig, Eugene (2) 1852-55; Harvey, Cyril (2) 1936; Harwood, R. D. (3) 1928; Hatai, Kotora, 1935; Hatt, Robert T. (2) 1948-50; Hauser, William H. A. 1949; Hausman, Frank Henri, n. d.; Hayden, Ferdinand Vandever (2) 1871-75; Hayford, Robert A. 1939; Haylock, A. 1901;

Hebard, Margaret, 1936; Hebard, Morgan, n. d.; Hedberg, Hollis D. 1935; Hedges, R. Frank, 1935; Hedley, Charles (32) 1891-1924; Heilman, Robert A. (3) 1951-53; Hemphill, Henry (3) 1874-1905; Henbest, Lloyd G. (2) 1938; Henderson, John Brooks (4) 1895-1914; Henderson, Junius (68) 1916-36; Henry, Dora Priaulx, 1939; Henshaw, H. W. 1912; Hering, F. von (2) 1899-1901; Hermann, Theo. 1866; Herrington, H. B. (8) 1945-54; Hertlein, Leo George (10) 1927-52; Herz, Ludwig E. 1929; Hess, Harry H. 1934; Heude, M. (3) 1886-87; Hidalgo, Joaquin Gonzalez (4) 1884-1905; Higgins, H. C. (2) 1931; Hildreth, Samuel Prescott, 1861; Hill, Howard R. (14) 1926-41; Hill, (Mrs.) Rowland, 1951; Hinkley, H. A. 1920; Hirase, Shintaro (4) 1925-33; Hirase, Yoichiro (19) 1902-15; Hiscock, L. D. (2) 1952-54; Hitchcock, Edward, n. d.; Hix, John (2) 1936; Hobbs, William H. 1929; Hodge, Natalie B. 1944; Hoffman, William A. (2) 1932-35; Hoffmann, H. 1927; Hoffmann, William E. 1930; Hoffmeister, Edward J. 1930; Holland, W. J. 1902;

Hollister, J. W. 1952; Holmes, Walter W. 1927; Holson, E. 1914; Holvejke, F. 1872; Honigmann, Hans Leo (3) 1931-32; Horn, George Henry, 1863; Horst, C. J. Van der (3) 1924-25; Hosley, A. Seymour (3) 1926; Houzn, César, 1914; Howard, A. D. 1950; Howe, Henry V. (2) 1935; Howell, B. F. 1935; Howell, John F. 1951; Howland, Henry R. 1912; Hoyt, H. C. 1936; Hubbard, E. W. 1866; Hubbard, Howard G. (5) 1934; Hubendick, B. 1952; Hubricht, Leslie (30) 1933-53; Hudson, Robert G. 1954; Hughes, William W. Gordon, 1954; Hull, A. F. Bassett, 1924; Humes, Arthur G. 1939; Humes, Ralph H. (4) 1942-45; Humm, Harold J. 1951; Hummelinck, P. Wagenaar, 1953; Hyatt, Alpheus (3) 1865-67; Hyman, L. H. (2) 1928-53; Hyman, Libbie, 1953; Hyman, Joseph M. 1952;

Ihering, Hermann von (14) 1908-27; Ingalls, Thomas R. (3) 1855-56; Ingham, George Albert, 1934; Ingram, William H. (15) 1934-52; Innes, William T. (3) 1930-46; Iredale, Thomas (6) 1910-33; Irisarri, A. M. 1929; Israel, Joseph D. 1909; Iwakawa, Tometaro (2) 1897-1908; Jackson, John Wilfred (4) 1927-31; Jackson, Ralph W. (19) 1934-53; Jacobson, Morris K. (19) 1945-56; Jacot, Arthur Paul (10) 1918-37; Jaeger, Edmund C. (2)

## Coll. 98 (cont.)

1940; Jagershiold, L. A. 1928; Janeway, John H. 1861; Jarvis, J. W. 1902; Jaume, Miguel L. 1934; Jay, John Clarkson (6) 1846-64; Jeffreys, John Gwyn (5) 1863-74; Jenkins, Olaf P. 1936; Jenks, William F. (7) 1938-48; Jennison, H. M. 1935; Jewell, Dorothea Dowd, 1931; Jewett, E. (2) 1871-72; Jickeli, Carl Friedrich, 1867; Johnson, Allen (7) 1927-29; Johnson, Charles W. (19) 1925-32; Johnson, Duncan S. 1932; Johnson, Frances K. (2) 1954; Johnson, Frederick, 1940; Johnson, Meredith E. 1934; Johnson, Richard I. (2) 1940-41; Jones, David T. (2) 1931-35; Jones, John Matthew, 1865; Jones, John W. 1933; Jones, Walter B. 1935; Jousseau, Felix Pierre, 1883; Jung, A. M. 1917; Just, Theodor, 1943;

Kaas, P. 1951; Kane, William J. 1949; Kay, G. Marshall (4) 1934-37; Kay, George F. 1936; Kaylor, Cornelius T. 1932; Keefer, W. L. (2) 1936; Keen, Myra (15) 1936-50; Keep, Josiah, 1890; Kellogg, Remington, 1954; Kellum, Lewis B. (2) 1930-31; Kelly, Howard A. 1931; Kendig, A. B. 1867; Kennard, Alfred Santer (5) 1929-44; Kenyan, Karl W. 1945; Ketcham, Boswick H. 1941; Ketlex, Charles F. (2) 1938; Keyes, Charles, 1931; Kincaid, Kevon, 1929; Kindle, E. M. 1928; King, H. L. 1934; King, Sohtsu G. (7) 1926; Kinve, A. M. 1935; Kipp, Solon S. 1950; Kirke, Wallace B. 1938; Kirkland, F. R. (2) 1936; Kiru, Albert J. (2) 1931-43;

Kleinz, Margaret, 1952; Kline, George F. (2) 1954-55; Knight, J. Brookes (7) 1932-36; Koestner, E. J. (4) 1940; Kofoid, Charles A. (4) 1930-37; Kohu, Alan J. 1955; Komatsuzake, M. 1912; Kondo, Yoshio (4) 1948-53; Koto, Adele (5) 1938-39; Krassner, Michael B. 1952; Krauss, Ferd. (2) 1864-67; Krauss, N. L. H. (5) 1940-46; Kruizinga, P. (2) 1936; Kuiper, J. G. J. 1948; Kuitunen, Ella, 1935; Kuroda, J. Tokubei (4) 1929-52; Kurtz, John D. 1861; Kuscer, L. 1926; Kutchka, Gordon MacMillan (13) 1935-38; Kuypp, E. Van der, 1947;

Ladd, Henry S. 1936; Landis, Henry G. 1937; Lancaster Press (9) 1942-50; Lane, Frank W. 1955; Lang, Herbert, 1932; Lange, W. Harry, 1950; Langford, J. O. 1930; Langley, Samuel Pierpont (2), 1892; Lapham, Increase Allen, 1863; Lapham, Julia A. 1895; Largilliers, Mr. 1852; Larny, Edward, 1935; LaRocque, Aurele (3) 1936-39; LaRue, George R. (3) 1931-36; Lasser, Tobias, 1948; Latchford, F. R. (6) 1926-37; Latham, Roy (2) 1947; Lea, Arthur H. (6) 1930-31; Lea, Isaac (4) 1862-66; Lee, Atherton (2) 1934; Lee, Charles B. (3) 1941-45; Leeds Public Library, 1952; Legrande, William, 1866; Leidy, Joseph, II., 1932; Leonard, A. Byron (14) 1942-53; Lermond, Norman W. (11) 1927-40; Lesquereux, F. A. 1866; Leucht, Minnie, 1931; Levi, Harbert W. (3) 1949-51; Levitt, Marcelle, 1954; Lewellen, Ethel W. 1940; Lewis, C. Bernard (18) 1938-51; Lewis, Ivey F. (2) 1933-35; Lewis, James (3) 1863-67; Lewis, Julia F. 1898; Lewis, O. S. 1901; Lewis, Zachary (Mrs.) (2) 1941;

Light, Lee R. 1935; Light, S. F. 1923; Lillie, Frank R. 1927; Lincoln, Frederick C. 1953; Lincoln, W. E. 1939; Linden, H. 1906; Lindholm, W. A. (3) 1925-27; Linker, J. E. 1900; Linton, M. Albert, 1952; Linton, Ralph (2) 1944; Lippincott, Joseph (5) 1943-53; Lischke, Carl Emil (2) 1851-57; Locard, Arnold (2) 1883-87; Locklin, Charles R. (8) 1945-54; Long,

## Coll. 98 (cont.)

Eleanor Tatum, n. d.; Loomis, F. B. (2) 1912-31; Loosanoff, V. L. 1947; Loosjes, F. E. 1956; Lorquin, E. F. 1866; Love, M. A. (5) 1940; Lowe, Herbert N. (20) 1926-35;

Lucas, F. A. (2) 1919-21; Luederwaldt, H. 1926; Lull, Richard S. 1926; Lungren, Charles B. 1923; Luning, Nicholas T. 1931; Lunz, G. Robert (10) 1934; Luttermoser, George W. (2) 1941; Lutz, Frank E. (6) 1925-51; Lyman, Frank B. (10) 1935; Lyon, George A. (2) 1933;

McAtee, W. L. 1954; MacBride, Thomas Huston, 1896; McCall, Catherine, 1941; McCall, Margaret, 1935; MacCarroll, D. Randall, 1952; McClintock, Paul, 1934; McClung, Clarence E. (2) 1931; McClure, Gervase W. (5) 1933-35; McColl, William R. 1928; McCord, J. V. L. 1926; McCulloch, Irene (2) 1934; McDonald, M. (2) 1866-67; MacFarland, F. M. 1935; MacFarland, H. P. 1943; McFarlin, James B. (2) 1941-42; McGinty, Paul P. (16) 1931-54; McGinty, Thomas L. (28) 1935-55; McGregor, John C. (3) 1940; McGregor, Richard C. 1898; McGuire, J. M. 1930; Machia, R. V. n. d.; MacKay, Donald C. G. (2) 1944-45; Mackay, John S. 1932; McLean, (Mrs.) North, 1936; McLean, Richard A. (3) 1939-40; McLellan, Jack H. (4) 1950-51; McMichael, Paul (2) 1941; MacMillan, Gordon K. (23) 1938-52; McNair, Charles, 1935; McNeil, F. Stearns (5) 1937-41; McNeil, John A. 1865; Mactier, William L. (2) 1863-67;

Madden, J. L. 1931; Magruder, Samuel R. (3) 1931-34; Major, James L. 1930; Maldonado, Angel, 1949; Malek, Emile Abdel, 1949; Maloney, Nellie H. (2) 1931; Mansfield, W. C. (3) 1934-38; Manson, J. W. (2) 1935; Mansueti, Romeo, 1952; Manter, Mildred E. (2) 1936; Maria, Hermano Apolinar (8) 1934-37; Marie, E. (3) 1883-88; Marks, E. Sidney (4) 1932-34; Marsh, (Mrs.) C. M. (4) 1932-35; Marsh, J. C. (2) 1933; Marshall, J. L. 1901; Marshall, William Blanchard (15) 1887-1932; Martin, Greenleaf, 1952; Martin, Paul S. (2) 1939; Martinez, Mezquida Ana Maria, 1944; Martins, A. Vianna, 1937; Marvin, Cloyd H. 1934; Marwick, J. (2) 1934-35; Mason, Arthur E. (3) 1933; Mason, S. G. n. d.; Masson, Orme, 1922; Mather, Katherine (2) 1941; Matteson, (Mrs.) Edgar E. 1945; Matthew, William D. 1925; Matthews, E. H. 1895; Matthews, Samuel A. 1934; Mattox, N. T. (2) 1940; Mattson, Marion L. 1943; Mayer, Frank, 1932; Maynard, C. J. (3) 1895-1928; Mayr, Ernst, 1941; Mazyck, William Gaillard (8) 1866-1934;

Mead, Albert R. (8) 1940-56; Meanwell, Ruth (2) 1928; Meek, Fielding Bradford (4) 1863-67; Meininger, Horace B. 1952; Mellen, Ida M. 1940; Mellon, James A. 1927; Mellor, Cicely C. (2) 1935; Melville, James Cosmo (3) 1883-96; Merriam, Charles W. (3) 1939; Merriam, Clinton Hart, 1895; Merriam, Daniel (2) 1937; Merwood, J. 1926; Mesa, Pedro de (2) 1932; Metcalfe (Mrs.) W. C. 1939; Meyer, Otto, 1908; Michelotti, Jean (3) 1844-54; Michelson, Edward H. 1956; Michener, Ezra (3) 1865-66; Middleton, May, 1943; Midyette, A. L. (2) 1933; Mighels, J. W. 1845; Miles, Manley, 1862; Millar, Anne, 1934; Miller, A. K. (2) 1935; Miller, E. L. (7) 1935-36; Miller, E. Morton, 1932; Miller, Elizabeth, 1939; Miller, Herman W. 1940; Mills, L. J. (Mrs.), 1945; Miner, Eunice Thomas, 1956; Miner, Roy Waldo (8) 1929-40; Mitchell, J. D. 1899; Mizelle, John D. 1940;

## Coll. 98 (cont.)

Moe, Henry Allen, 1935; Moise, T. L. 1953; Mollendoff, Otto Franz von, 1901; Monod, Thomas, 1954; Monsson, M. 1851; Montgomery (Mrs.) T. H., Jr. (4) 1929-33; Montserosato, Tomasso Allery di, Marquess (3) 1882-85; Moore, Earl, 1933; Moore, Harvey W. 1947; Moore, J. Percy (4) 1902-34; Moore, Merrill (2) 1941-52; Moore, Robert Thomas, 1929; Morch, Otto Andreas (3) 1863-68; More, Louis T. 1932; Morelet, Arthur (2) 1864-68; Morena, Abelardo, 1937; Morgan, Ann, 1932; Moricand, Stefano, 1851; Morris, Julie M. n. d.; Morris, Percy A. (4) 1938; Morrison, B. Y. 1935; Morrison, Joseph P. Eldridge (17) 1925-55; Morse, Edward Sylvester (4) 1863-1913; Moss, William (3) 1892-98; Mousley, Louis B. (3) 1934; Mowday, Frederick, 1910; Moyd, Pauline A. (3) 1940; Moylan, E. B., Jr. 1937; Mozley, Alan (3) 1930-32; Mumford, Edward W. (5) 1929-35; Murphy, Robert Cushman (2) 1946; Murrill, W. A. 1936; Mutual Life Ins. Co. 1947;

Nason, William A. 1878; Neal, Marie C. 1930; Needham, James G. (2) 1935; Netting, M. Graham (3) 1935-51; Nevill, Hugh, 1870; Nevill, Ralph W. 1924; Newark Museum, 1939; Newcomb, Wesley (3) 1857-63; Newell, Norman D. 1935; Newman, Walter S. 1955; New York Public Library, 1932; Niceforo Maria, Brother (2) 1935-38; Nicol, David (8) 1944-53; Nilsson-Cantell, Carl Auguste (2) 1930-31; Nitzschke, A. J. (2) 1938; Noble, Elmer R. 1933; Noble, Joseph V. 1935; Noland, Lowell E. 1944; Noon, Henry S. 1938; Norberg, L. 1934; Norman, Mary, 1932; Norton, Arthur, H. (3) 1911-36; Norwood, Joseph Granville, 1866; Numan, John (2) 1935;

O'Connor, W. M. 1935; Odhner, Nils, H. J. (5) 1927-55; Oesterle, Lewis E. 1952; Ohney, H. D. 1876; Old, William, Jr. (2) 1951-52; Oldroyd, Ida S. (12) 1926-36; Olsson, Axel A. (43) 1926-55; Olsson, Oscar (2) 1935-41; Omwake, H. Geiger, 1944; Orchard, C. D. (2) 1948-50; Orcutt, Charles Russell (5) 1884-1928; Orme, E. V. G. (2) 1948-50; Ortmann (Mrs.) A. E. (2) 1927; Ortmann, Arnold Edward (5) 1910-25; Osborn, Henry Fairfield (2) 1885; Osgood, Wilfred H. (3) 1938-43; Osment, W. M. 1942; Oswald, Olaf, 1929; Ostheimer, Alfred J., 3rd. 1955; Oughton, John (12) 1937-49; Owston, Alan, 1915; Oyarma, Vance, 1946;

Packard, Earl L. 1925; Packer, Lester W. 1925; Paetel, Friedrich, 1887; Pain, T. (2) 1949-53; Paine (Mrs.) S. P. (2) 1931; Palmer (Mrs.) Elra M. (2) 1933; Palmer, Katherine V. W. (21) 1936-55; Palmer, R. H. 1941; Parker, H. W. (2) 1951; Parkhurst, Joseph L. 1952; Parks, H. B. (2) 1932-33; Parl, J. Rodman, 1920; Parlin, John C. 1930; Parnell, Jerome P. 1942; Parreyss, Louis, 1852; Pate, Vernon S. L. 1939; Patterson, Alfred H. (4) 1944; Paulucci, Marianne, 1882; Paz, Patricio M. (2) 1865-68; Pease, Daniel C. (14) 1932-36; Pease, William Harper (5) 1863-69; Peile, A. J. (6) 1922-37; Pelluet, D. 1948; Penn, George Henry (5) 1938-51; Pennock, Edw. 1924; Penrose, R. A. F., Jr. 1925; Perkins, George A. 1852; Perkins, H. F. 1937; Peroushina, 1933; Perry (Mrs.) Nelson R. (12) 1925-42; Petit, Saussays de la (4) 1852-87; Petterd, William Frederick (3) 1886;

Pfeffer, Georg (2) 1903-21; Pflueger, Albert (2) 1933-34; Philadelphia Inquirer, 1954; Philippi, Rudolf Amandus, 1885; Phillips, John S. 1845; Pickford, Grace E. (2) 1953; Pierce, W. Dwight, 1934; Pillsbury, George A. 1930; Pilsbry, Grace, 1946; Pilsbry, Henry Augustus (9) 1886-1953;

Pinchot, Amelia Bryce (2) 1934-40; Pinchot, Gifford (8) 1929-44; Ping, Chi (4) 1930-34; Pinney, Mary Edith (2) 1934; Plough, Harold H. (6) 1931-47; Plummer, Helen Jeanne (3) 1935; Poey, Felipe (6) 1852-88; Polinski, Wladyslaw, 1925; Pollister, Arthur W. 1940; Pomerat, C. M. (5) 1942-43; Ponsonby, John (7) 1885-1914; Ponton, Thomas Graham, 1867; Poole, Earl L. 1938; Poole, S. P. 1942; Post, E. J. (4) 1927-49; Post, R. L. (4) 1941-48; Powell, A. W. B. 1930; Powers (Mrs.) Edith Elliott (7) 1933-39; Powers, Edwin, B. 1923;

Prashad, Bainsi, 1928; Pratt, Henry S. 1931; Pratt, William C. 1867; Preston, H. B. 1906; Prime, Henry, 1890; Prime, Temple (10) 1861-1886; Pringle, Henry N. 1942; Pritchard, Arthur H. Cooper, 1904; Procter, William, 1928; Puffer, E. L. 1952; Puget Sound Biological Station, 1926; Puri, Harbans S. (2) 1953-54; Puton, Ernest, 1853; Quak, Jesse H. 1926; Quayle, D. B. 1939;

Ramanan, V. V. 1899; Ramsden, Charles T. (20) 1911-29; Ranck, Edward, 1933; Randolph, P. B. 1898; Ransom, Carolina L. (2) 1907; Ranson, Gilbert (3) 1946-47; Rapp, William F. (9) 1943-47; Rathbun, Mary J. (11) 1926-35; Ravenel, Edmund, 1851; Rawls, Hugh C. 1954; Rawson, George Raunh W. 1870; Ray, Grace E. 1933; Read, Horace Kimble, 1952; Redfield, John Howard (4) 1861-89; Reed, Clarence R. (2) 1929-30; Reed, Paul R. 1945; Reeds, Chester A. (10) 1928-33; Rees, W. J. 1950; Rehder, Harald A. (70) 1931-54; Rehn, J. A. G. (3) 1924-26; Reid, Barney (2) 1932; Reilly, M. (Mother) 1940; Rein, Johann Justus, 1908; Reinhart, Philip W. 1932; Reinke, Edwin E. (2) 1909; Heisner, Herbert W. 1955; Reitzel, Boyd, 1938; Rensch, Bernard, 1936; Reslock, Olive, 1935; Ressa, Alphonso M. 1944; Reynell, Alexander, 1908;

Rhoades, Rendell, 1937; Rhoads, Samuel N. (5) 1904-16; Rice, Lucile, 1929; Richards, Horace G. (9) 1931-54; Richards, Larry P. 1941; Richardson, Emma B. (4) 1931-45; Richmond, Charles W. 1926; Richmond, Neil D. 1941; Ricketts, E. F. (2) 1928-35; Ries-Vasquez (Mrs.) Enrique, 1934; Rigacci, Jean, 1866; Riise, A. H. 1854; Ritchie, John, Jr. n. d.; Rixford, Emmet (2) 1926-27; Roberts, H. Radclyffe (2) 1938-50; Roberts, Mildred L. (3) 1928; Roberts, S. Raymond (6) 1911-28; Robertson, Imogene Christabel (73) 1931-47; Robillard, V. De (4) 1852-85; Robinette, G. W. (5) 1898-1931; Robinson, Coleman T. 1865; Robinson, Marguerite, 1936; Robson, G. C. (10) 1912-36;

Rodeck, Hugo D. (8) 1935-48; Roemer, Ferdinand (3) 1854-86; Rogers, George Floyd (3) 1940; Rogers, Julia Ellen, 1947; Rogers, Weaver H. (2) 1933-34; Rogick, Mary D. 1934; Rolle, Hermann, 1908; Rose, Winfred (2) 1931; Ross, James M. (2) 1944-46; Rossi, A. L. Briceno, 1943; Rossi, R. A. 1954; Rossiter, R. C. 1883; Rostell, James, 1858; Rothwell, W. Thomas, Jr. (2) 1939-40; Rous, Solomon, 1902; Rowan, Edward B. (2) 1925; Rowell, J. 1868; Ruedemann, Rudolf, 1934; Rugan, (Mrs.) H. F. (2) 1937; Rugel, Ferdinand (2) 1878; Ruschenberger, William Samuel Waithman, 1867; Rush, William H. n. d.; Rusnov, Leo P. (2) 1927-34; Russell, Henry D. (4) 1935-51; Russell, L. S. (5) 1930-31; Rutledge, Archibald (2) 1932; Rutten, L. 1938; Ryan, Paul, 1907;

## Coll. 98 (cont.)

Sackett, Everett B. 1934; Salisbury, Albert E. 1933; Sallé, V. 1875; Sampson, Francis Asbury, 1914; Sanders, Earl, 1935; Sanders, Louis M. 1933; Sanders, Ottys (2) 1938; Sanford, S. N. F. 1941; Sargent, Gorham P. 1941; Sargent, H. E. 1900; Sars, George Ossiam, 1907; Sasaki, Modoka (2) 1915; Sasaki, Toshio (2) 1937; Satterthwaite, Linton, 1932; Saunders, Ametas (?) A. 1931; Sauralle, Francesco A. 1855; Sawada, S. (4) 1926-27; Say, Lucy Way Sistaire (2) 1859-67;

Scarborough, George, 1866; Schalie, Henry van der (11) 1932-50; Scharff, R. F. 1927; Scheck, Morris, 1927; Schenck, Hubert G. (12) 1931-35; Schevill, W. E. (3) 1931-35; Schierstein, A. C. 1931; Schlesch, Hans (3) 1925-26; Schmeck, Eugene H. (2) 1937-41; Schmidt, Claudia, 1938; Schmidt, Waldo L. (83) 1925-54; Scheidemann, D. 1883; Schneider, W. J. 1926; Schoonmaker, W. J. 1931; Schoonover, Lois M. 1936; Schrader & Ehlers (2) 1927; Schramm, J. R. (2) 1928-36; Schramm, M. A. 1858; Schrenck, Leopold von, 1868; Schuchert, Charles (7) 1911-38; Schulz, Bertha M. (2) 1933-46; Schumacker, Hermann (3) 1887-1894; Schwarz, Ernst (2) 1952; Schwengel (Mrs.) Frank R. (13) 1937-56; Schwutzer, J. M. 1943; Scott, Gayle (3) 1930-34; Scott, J. Allen (7) 1937-40; Scott, W. B. 1904;

Seely, Henry M. 1903; Seibel, Otto E. 1955; Seip, William F. 1955; Sell, Henrik, 1907; Sellards, E. H. 1940; Semper, J. C. (2) 1866; Sevadjian, B. 1935; Seymour, Frances I. 1952; Shackelford, Martha W. (5) 1927-28; Shamburger, Victor M., Jr., 1953; Sharp, Benj. 1907; Sharp, David, 1892; Shaver, Jesse M. (2) 1934-35; Shaw (Mrs.) Herman S. 1948; Shaw, J. N. 1927; Sheldon, D. S. (2) 1862; Shelford, V. E. (3) 1928; Shen, Charles J. (3) 1928-29; Sherman, Allan, 1940; Shetrone, H. C. (2) 1951-54; Shimek, B. (15) 1930-37; Shipley, R. B. 1945; Shoemaker, Clarence R. (7) 1926-35; Shoup, Charles S. (2) 1939-42; Showalter, E. R. (4) 1865-67; Shull, A. Franklin, 1926; Shurtleff, Simeon (2) 1856-57; Shuttleworth, Robert James, 1853; Siegfus, Stanley S. (10) 1929-35; Simmons, Frank E. (3) 1954; Simmons, George Finlay, 1927; Simmons (Mrs.) Walter A. 1950; Simms, B. T. (2) 1926-27; Simpson, Charles Torrey (9) 1887-1931; Sinclair, William J. 1932; Singewald, Joseph T. (9) 1927-44; Sismonda, Eugene, 1889;

Skinner, Henry (3) 1908-19; Slemmer, Milton B. 1943; Sloat, L. W. (2) 1854-55; Smith, Allyn G. (15) 1930-53; Smith, Burnett (18) 1912-49; Smith, Edgar Albert (3) 1877-1914; Smith, Eugene A. 1920; Smith, F. G. Walton, 1946; Smith, (Mrs.) Harrison, 1941; Smith, Herbert Huntington (26) 1904-13; Smith, J. Russel (2) 1926-28; Smith, Joseph Hutchinson, 1931; Smith, Lloyd B. 1917; Smith, Maxwell (30) 1930-46; Smith, Philip W. (3) 1949-50; Smith, Robert Eliot, 1947; Smith, Sanderson (3) 1862-1908; Smith, Walter H. (4) 1932-33; Smith, Walter M. 1926; Solem, Alan (4) 1954-55; Soper, Arthur (5) 1953-54; Sorenson, A. (3) 1941-46; Sosa, Ignacio, 1932; Souverbie, St. Martin (3) 1867-88; Sowerby, George Brettingham (3) 1877-1908; Spalding, Irwin, 1914; Spawn, William, 1946; Spence, George C. (6) 1911-35; Spencer, Richard C. (8) 1949-53; Spicer, V. D. Phil (6) 1933-41; Spieth, Herman T. 1929; Spinner, F. E. (3) 1883-85; Sprague, Myrle (2) 1938-39; Sprunt, Alexander, Jr. 1938;

Stabile, Joseph (2) 1865-67; Stanton, T. W. 1927; Stearns, Robert Edwards Carter (14) 1866-1901; Stechert, G. S. & Company, 1930; Steele, Paul H. (2) 1952-54; Steen, James C. 1944; Stefani, Carlo de, 1882; Steininger, Leo, 1940; Stenzel, Henry B. (7) 1946-53; Stephens, T. C. (3) 1940-43; Stephenson, C. S. (2) 1932; Stephenson, L. W. (11) 1935-38; Sterki, Victor (12) 1878-1929; Sternberg, Charles H. (2) 1928-30; Stevens, Belle A. 1926; Stewart, Gwendolyn, 1931; Stewart, (Mrs.) Douglas C. (3) 1943-44; Stewart, Ralph (6) 1926-32; Stiles, Charles Wardell (5) 1912-33; Stimpson, William (9) 1861-71; Stingley, Dale V. 1951; Stohler, R. 1950; Stoliczka, Ferdinand, 1871; Stone, Herbert, 1935; Stone, Witmer (2) 1924-32; Store, Tracy I. 1926; Stose, George W. 1935; Stossich, Adolf (3) 1865-67;

Strecker, John K. 1929; Streng, L. H. 1896; Strickler, Marie, 1952; Strong, A. M. (6) 1931-39; Struck, Carl, 1870; Stuckert, (Mrs.) Wm. R. (2) 1943-45; Stunkard, Horace W. (2) 1943-44; Sturany, Rudolf, 1925; Suffield, Mary M. 1945; Summers, Ray, 1953; Surface, H. A. 1927; Suter, Henry (4) 1892-95; Suzuki, Koichi, 1938; Swain, Robert E. 1932; Swan, Frederick W. 1952; Swett, Chas. E. (2) 1898; Swift, Robert, 1849; Sykes, Ernest Ruthven (17) 1893-1949;

Taft, Charles H. (2) 1931; Taki, Isao (2) 1934; Talmadge, Robert R. (3) 1953-55; Tanton, T. L. 1945; Tappan, Benjamin (2) 1836; Tate, Ralph, 1899; Tauser, Ralph L., Jr. 1939; Taylor, Dwight (2) 1952; Taylor, Edward H. 1946; Taylor, Geo. W. 1899; Taylor, John William (2) 1904-09; Tear, H. L. 1949; Teare, Margaret (2) 1945-49; Terver, Ange Paulin (3) 1861-68; Teskey, Margaret (5) 1950-55; Test, Avery R. 1945; Thaanum, D. (15) 1912-53; Thackay, Albert E. J. 1924; Theisen, E. J. 1951; Thiele, Johann, 1927; Thomas, Charles C. 1931; Thomas, John M. 1942; Thompson, Fred G. 1957; Thompson, Lillian Dyer, 1918; Thomson, John H. (3) 1862-1902; Thornley, Gertrude, 1951; Thurston, Lorrin A. (2) 1918-28;

Titcomb, Margaret (3) 1945-55; Tomkins, Ivan R. (2) 1954-55; Tomlin, J. R. Le Brockton (7) 1926-33; Townes, George F. 1956; Train, Percy, 1930; Tremper, R. H. 1906; Trimble, E. A. 1899; Trudell, Harry W. 1928; Trutter, Joseph G. (2) 1938; Tryon, Adeline S. 1892; Tryon, George, 1867; Tschirky, L. Robert (2) 1945; Tucker, Helen I. (7) 1928-36; Tullner, William W., Jr. (2) 1932; Turati, Ernest, 1858; Turkel, I. 1934; Turner, Ruth D. (6) 1948-53; Umbarger, N. E. 1938; Underwood, (Mrs.) Percy O. (4) 1946;

Vaillant, Leon Louis, 1869; Valencia, Ramon, 1941; Van Cleave, Harley J. (15) 1930-45; Van Hyning, T. (22) 1926-45; Van Ingen, Gilbert (2) 1912-19; Van Name, Willard G. (3) 1932-33; Van Nostrand, H. D. 1866; Van Rijgersma, H. E. 1871; Vaughan, Thomas Wayland (7) 1892-1933; Vaux, William S. 1863; Vayssiere, Albert Jean Baptiste Marie (2) 1908-23; Vega, Luis M. (2) 1925; Vellard, Jehan, 1948; Vendryes, Henry (3) 1868-88; Verdcourt, Bernard (3) 1945-48; Verrill, A. Hyatt (5) 1949-54; Verrill, Addison Emery (7) 1868-1926; Viader, R. 1928; Vicker, J. C. 1927; Villa, Antonio (3) 1867-69; Visscher, J. Paul (2) 1935; Vivas-Berthier, Gaston, 1938; Vokes, H. E. (5) 1935-44; Von dem Busch, G. (3) 1863; Voss, Gilbert L. 1952.

## Coll. 98 (cont.)

Wade, F. (2) 1934; Wagner, George, 1934; Walcott, Chas. D. 1901; Walker, Bryant (18) 1894-1929; Walker, Elliston Perot, 1952; Walker, Lee (2) 1945; Walker, William, 1852; Wallace, Jack N. 1935; Wallin, Theodore B. 1940; Walton, John, 1924; Walton, M. L. 1945; Wanner, H. E. 1926; Ward, A. L. 1925; Ward, F. H. (5) 1931-35; Ward, Henry Augustus, 1891; Warner, Jane M. 1942; Warren, E. 1929; Warren, P. S. (2) 1926; Washburn, Robert G. (2) 1941; Waste, Robert J. (2) 1939-40; Waterston, Rodger, 1931; Watson, (Mrs.) George (2) 1943; Watson, Henry D. 1946; Watson, Hugh (6) 1897-1946; Watts, Anne H. G. (5) 1948-52;

Webb, Glenn R. (4) 1940-49; Webb, J. H. 1956; Webb, Walter F. (25) 1910-45; Webber, Frederick S. (9) 1929-37; Weber, Jay A. (14) 1945-56; Weber, John M. 1949; Webster, David, 1954; Weeks, William H. (7) 1925-38; Wehrhagen, (Mrs.) John F. 1951; Weidman, Fred D. (2) 1930; Weisbord, Norman E. 1925; Weiss, Harry B. 1929; Welch, D'Alte A. (12) 1930-56; Wells, Morris M. 1926; Wenz, W. (4) 1921-37; Wesep, H. B. Van (2) 1933; Weston, Harold B. 1934; Wetherby, A. G. (3) 1884-94; Wetmore, Alexander (6) 1925-41; Weyrauch, Wolfgang (6) 1943-48; Wharton, R. L. 1931; Wheatley, Charles Moore (4) 1849-69; Wheeler, H. E. (37) 1911-55; Wheeler, O. C. (5) 1935; Whitcomb, Lawrence, 1929; White, C. E. (5) 1925-27; White, (Mrs.) Frederic, n. d.; Whiteaves, Joseph Frederick (3) 1898; Whitfield, Robert Parr (2) 1891-93; Whitman, Saint Clair, 1934; Whitney, G. A. 1932; Whitney, Josiah Dwight, 1865;

Wickware, F. G. (2) 1938; Wiggins, W. G. B. (2) 1950-51; Wigglesworth, Edward (2) 1930-32; Wilbur, R. L. (2) 1942; Wilcox, Ernest N. 1941; Wilcox, Le Roy, 1953; Wilder, Charles T. 1927; Wildman, Edward E. (2) 1927-36; Willard, (Mrs.) Theodore (7) 1933-36; Willett, George (13) 1927-45; Williams, Edwin B. 1946; Williams, Woodbridge (2) 1937-39; Williamson, (Mrs.) George, 1942; Williamson, Lester, n. d.; Williamson, Walter (2) 1932-36; Willis, Arthur H. 1933; Wilson, Arnold, 1899; Wilson, C. W. 1951; Wilson, Druid, 1948; Wilson, Thomas Bellerby, n. d.; Winchell, Alexander Newton (2) 1866-67; Winckworth, R. (4) 1928-34; Winsler, Beatrice (4) 1936-41; Winslow, Mina L. (4) 1926-28; Withers, Thomas Henry (15) 1912-38;

Wood, Elizabeth H. 1930; Wood, Horace Elmer (2) 1927-35; Wood, John Thorton (2) 1950; Wood, William M. 1892; Woodard, Thomas M. (4) 1930-34; Woodring, Wendell P. (27) 1925-53; Woodward, Bernard Barham (10) 1896-1922; Woodward, J. E. N. (2) 1899; Woolman, Anna (2) 1938; Woolsey, Heathcote M. (5) 1951; Womelsdorf, Edward, 1948; Worthen, Amos Henry, 1883; Wright, Berlin Hart (6) 1897-1934; Wright, G. Frederick, 1897; Wright, Herman P. 1925; Wright, Leon M. (2) 1938-54; Wright, W. E. C. 1886; Wrigley, Arthur, 1952; Wurtz, Charles B. (6) 1938-42; Wulff, Bertha E. 1938;

Yaukel, T. 1952; Yen, Teng-Chien (11) 1932-51; Yentsch, Charles S. (2) 1951-52; Yoshimara, S. 1902; Young, Benjamin P. (5) 1925-27; Young, Constance H. 1951; Young, R. T. 1940; Zeigler, Rowland F. 1955; Zelebor, John, 1866; Zervas, (Mrs.) J. N. (2) 1954; Zetek, James (19) 1907-44;

## Coll. 98 (cont.)

Zim, (Mrs.) Milton W. 1954; Zinn, Donald J. (2) 1950-52; Zschokke, Theodore O. 1931; Zurbrick, Emily H. 1951.

ANSP. STAFF BULLETIN, 1939-40. 7 items.

This mimeographed news sheet was prepared under the editorship of John W. Cadbury, William Clarke and Robert Chaffee. Contains chitchat about the activities and personnel of the Academy. Coll. 99

Signers:

Cadbury, John W. 1939; Chaffee, Robert, 1939; Clarke, William, 1939.

ANSP. ENTOMOLOGICAL SECTION. Records, 1875-1924. 21 items.

The entomological section was established in 1876 and abolished by the action of the council of the Academy 1924. The first officers were John L. LeConte, Director; George H. Horn, Vice-Director; James H. Ridings, Recorder; E. T. Cresson, Sr., Treasurer; Charles A. Blake, Secretary and James Ridings, Conservator.

The collection consists of various records, including minutes, treasurer's books, membership lists and accounts, as well as a series of other general papers and a small collection of correspondence, from 1875 to 1924. The agreements and documents dated 1876-96, include original drafts, petitions, resolutions, reports of committees and a single scientific report by Henry Skinner and Wm. J. Fox appointed to investigate the possibility of eliminating the Tussock Moth in 1896.

From the American Entomological Society, 1960.

\*Coll. 100

Signers of letters and documents:

Cresson, E. T. Sr. (2) 1893-94; Fox, William J. 1896; Ridings, James H. (4) 1876-89; Skinner, Henry (2) 1893-96.

FELDMAN COLLECTING SOCIAL. Minutes, 1887-1926. 18 items.

Named for Henry Feldman, an ardent collector of beetles in the Philadelphia area, this society was formed in 1887 for the purpose of furthering local collecting and providing a social unit for field men. Meetings were held at the homes of members, but chiefly at the residence of H. W. Wenzel, 1115 Moore St. Membership was limited at first to 15. The founding group was composed of Messrs. Bland, Castle, Sieber, A. Hoyer, E. Wenzel, H. W. Wenzel and Charles Liebeck. The two volumes of minutes cover the years 1887 to 1926, the first volume also including the constitution and lists of members of the social, dues, and accounts at various times and a record of the scientific papers delivered by each member. The correspondence pertains to the celebration of 20th anniversary, 1907.

Removed from the vault in the education department in 1953. The reports of this social and the names of members were published in Entomological News from time to time. Coll. 101

Signers:

## Coll. 101 (cont.)

Beutenmuller, Wm. 1907; Dickerson, Edgar L. (2) 1907-08; Engelhardt, Geo. P. 1908; Fall, H. C. 1908; Felt, E. P. 1908; Fernald, C. H. 1908; Grossbeck, John A. 1907; Horn, Walther, 1908; Johnson, C. W. 1907; Kearfoot, W. D. 1907; Sanderson, E. D. 1908; Schmitz, Theo. H. (2) 1894; Seiss, Stew. 1907; Webster, F. M. 1908.

MOORE, CLARENCE BLOOMFIELD. 1852-1936. Papers, 1923-29. 81 items.

Correspondence and related documents concerning the sale by the Academy of the collection of Clarence B. Moore to the Museum of the American Indian - Heye Foundation. The collection consisted of American Indian archaeological material which had been presented to the Academy years before. There are 74 letters including official correspondence, Moore's deed of gift of the collection to the Academy, his enthusiastic approval of the sale, reports, resolutions and agreements.

Archived from the Education office safe, 1953.

\*Coll. 102

Signers of documents:

Ashurst, John, 1929; Bunting, Martha, 1929; Cadwalader, Charles M. B. (24) 1929; Cassidy, James P. 1929; Dorrance, Frances, 1929; Eckman, D. J. 1929; Fewket, Vladimer J. 1929; Gates, Thomas S. 1929; Godebades, Frederic A. 1929; Green, Harold T. 1929; Harrison, George L. 1929; Heye, George G. (12) 1929; Keeley, F. J. 1929; Le Fevre, John Y. (2) 1929; Mason, J. Alden, 1929; Moore, Clarence B. (6) 1923-29; Morris, Effingham B. (2) 1929; Newbold, Arthur E., Jr. 1929; Rehn, James A. G. (5) 1923-29; Shoemaker, Henry W. 1929; Sinclair, John S. (9) 1929; Stewart, J. B. 1929; Stone, Witmer, 1929; Tample, H. W. 1929; Wardle, H. Newell (4) 1929; Wright, R. P. 1929; Utley, F. D. 1929.

BATTERSBY, JOHN. Papers, 1861. 2 items.

Material pertaining to the biography of Thomas Nuttall, consisting of copies of The Settle Chronicle and North Ribblesdale Advertiser, no. 84, Jan. 1, 1861 (typewritten), no. 85, Feb. 1, 1861 (photostat), written by Nuttall's nephew, T. J. Booth.

Removed from F. W. Pennell's papers pertaining to biographical material about Thomas Nuttall.

Coll. 103

BAIRD, SPENCER FULLERTON, 1823-1887. Papers, 1846?-1910. 3 items.

This field naturalist received the greater part of Audubon's collection of birds in 1842, in exchange for mammals. While professor of Natural History at Dickinson College, 1845-1850, he originated the field trip technique of teaching. He was subsequently made assistant secretary of the Smithsonian Institution and through that particular position was able to influence the founding of the National Museum, the U. S. Fish Commission, and the Marine Biological Laboratory at Woods Hole, Mass. After becoming a correspond-

ing member of the Academy in 1842 he was always active in its interests. A typescript of a letter to Thomas B. Wilson written June 1846? from Carlisle, Pennsylvania regarding Wilson's purchase of the Rivoli collection of birds. (The letter is published in William Healey Dall's book, "Spencer Fullerton Baird" p. 137-139.) Also a letter from Mary K. Baker 1910, secretary of the Spencer F. Baird Ornithological Club, with a copy of the Society's constitution.

From McCready Huston, 1938.

Coll. 104

GORDON, SAMUEL GEORGE, 1897-1952. Correspondence, 1929-49. 400 items.

Mineralogist, crystallographer, lecturer, collector and research scientist, Gordon spent most of his active life as a member of the staff of the Academy of Natural Sciences, leaving only to join the country's research effort during the Second World War. The correspondence preserved here dates mostly from 1943-49. The subjects covered are almost entirely of a mineralogical nature, but often deal with the problems of exhibits, collecting, the local mineralogical society, and identifications for friends and amateurs. Letters are preserved from 86 persons, with a total of 193. Gordon's answers and queries have been estimated as another 200.

Assembled by Gordon and left with his papers in the Dept. of Mineralogy.

Signers of letters:

Coll. 106

Abbott, John L. (3) 1948; Angelelli, Victorio (2) 1947-49; Bannister, F. A. 1948; Barnes, M. H. 1948; Barnes, William H. 1949; Bates, Thomas F. 1948; Belz, Charles A. 1949; Bertrand, John H., Jr. 1947; Boyle, J. C. (6) 1944-48; Brenner, F. Cecil, 1948; Casadei, Fernando, 1948; Cochrane, John, 1948; Cox, William, 1948; D'Ascenzo, Nicola G. (2) 1949; Davis, Harry T. 1943; Dearoff, Kenneth, 1949; D'Eustachio, Dominic (2) 1946; Donnay, J. D. H. 1948; Eckhardt, George H. 1949; Eshelman, Paul B. 1946; Fahey, Joseph J. 1948; Fankuchen, I. (2) 1948-49; Faust, George T. (2) 1947; Frondel, Clifford (6) 1944-49; Frorer, James R. 1947; Frorer, Peter, 1946;

Gamble, D. L. 1948; Gault, H. R. 1948; Gehman, George, 1947; Gillson, J. L. (2) 1947-48; Gordon, S. G. (190) 1929-49; Goudey, Hatfield, 1948; Greenwald, Selma, 1948; Grieger, John M. 1947; Griffiths, J. C. 1948; Gruner, John W. 1948-49; Haag, Sally A. 1946; Hallahan, John A. 1948; Hollowell, Horace J. (2) 1948-49; Hamilton, Clayton, 1948; Hamilton, Howard V. (2) 1949; Heinrich, E. Wm. 1949; Heyman, Nathan, 1948; Hobbs, Edmund Everett Sr. 1932; Hood, Henry G. 1948; Hurlbut, C. S., Jr. 1948; Hutchison, M. B. 1947; Irvine, James B. 1949; Jeffries, Charles D. 1949; Jenkins, H. E. 1949; Joachim, E. E. 1948; Johnson, E. W. 1949; Jungmann, H. L. 1949; Keeley, F. J. (2) 1947-48; Keely, Hanna, 1946; Keller, R. N. 1949; Kurs, Louis N. 1946; Mangus, Marvin D. 1946; Marsalis, L. C., Jr. 1949; Meyer, Frank G. 1946; Meyer, H. E. 1946; Moyd, Louis, 1948; Mrose, Mary E. 1948; Murphy, Geo. F., Jr. 1948;

Pabst, A. (3) 1948; Parrish, William (4) 1944-48; Patterson, A. L. 1949; Pill, Roselyn J. 1949; Pohl, John C. (5) 1944-49; Redington, C. Richard,

## Coll. 106 (cont.)

1949; Reinbold, Morgan D. 1948; Schaller, W. T. n. d.; Siegfried, Orrin A. 1948; Stevens, W. J., Jr. 1948; Swoboda, Edward R. 1947; Thibault, N. W. 1946; Thoenebe, H. S. (2) 1944; Thomas, Charles A. (2) 1944-48; Toothaker, Charles R. 1949; Trainer, John N. 1946; Trudell, Harry W. (6) 1929-30; Wheeler, H. E. (2) 1946-47; Wilke, R. M. (2) 1944; Wirth, A. n. d.; Wofford, James C. (4) 1947-49; Woods, C. J. 1948.

NOLAN, EDWARD JAMES, 1846-1921. Papers, 1867-1919. 16 items.

Secretary, librarian and editor for the Academy, Nolan throughout his lifetime was an active participant in every branch and aspect of the Academy, no project being initiated or accomplished without his aid. Lists, indexes, annotations, letters and biographies include information about the Cope Fund, the Academy's publications, sale of shells and books, about John H. Redfield and George W. Tryon. His holograph copies of 1466 letters which were written in his official capacities are included in Coll. 567. A series of ten speeches, 1910-15 mostly about the history of the Academy or of library organizations concludes the collection.

Archived.

\*Coll. 107

CHITONS, 1875(?). 1 item.

This text of 21 pages dealing with the shells of the genus Chiton was found laid in P. P. Carpenter's manuscript on the same genus, book two.

Deposited by R. T. Abbott from the Shell Department November 17, 1956.

Coll. 108

ANSP. BYLAWS, 1814-1951. 73 items.

The first constitution and bylaws were published in 1814 although various interpretations of aims and rules were contained in the earlier foundation papers; the last bylaws mimeographed in 1951. Drafts of the 1875, the 1893, 1899 and the 1924 bylaws are preserved here, along with revisions, amendments, and committee reports. The 1893 copy was corrected by A. E. Brown, the 1867 by Harrison Allen.

Archived.

\*Coll. 109

WILLIAMSON, EDWARD BRUCE, 1877-1933. Odonata literature indexes, 1930-36. 15 items.

This authority on dragonflies, once a curator at Carnegie museum and later special curator of Odonata at Michigan, joined with B. E. Montgomery to compile the indexes contained in this collection. Special lists and items for generic names in Odonata, for specific names and for the same type of

material for each of the various families. Various letters are added which explain something of the history of this index.

Gift of P. P. Calvert, 1961.

\*Coll. 110

ANSP. HISTORY. Papers, 1829-1958. 30 items.

Historical material including short written historical sketches of the Academy, news clippings, memoranda, reports, agreements, bylaws, correspondence and miscellaneous data.

Archived in 1960.

\*Coll. 111

Signers of letters and documents:

Bache, Alexander D. 1829; Cadwalader, Charles M. B. (2) 1931-38; Conrad, Solomon W. 1829; Johnson, Walter R. 1829; McEuen, Thomas, 1829; Morton, Samuel G. 1829; Pickering, Charles, 1829; Shinn, Alvin F. 1958.

BALL, MICHAEL VALENTINE, 1868- Treatise, 1941. 1 item.

Pennsylvania bacteriologist and physician. Elected to the Academy in 1892, he kept a diary of his years in Philadelphia in which he entered his impressions of the weekly meetings. In 1941 he prepared this article, "The Academy in 1892-1895", from his diary notes. His impressions of the members regularly in attendance present fascinating thumbnail sketches of Isaac Wistar, E. J. Nolan, Benjamin Sharp, Woolman, Rothermel, John A. Ryder, Henry C. Chapman, Henry A. Pilsbry, Mr. Goldsmith, Mr. Holman, D. G. Brinton, Harrison Allen, Edgar (Sic) D. Cope, Samuel G. Dixon.

From McCready Huston, 1953.

Coll. 112

ANSP. EXPEDITIONS. Papers, 1819-1947. 523 items.

The first Academy trip took most of the members to the Perkiomen Copper Mines by horse and buggy, April 18, 1812. During the ensuing years Academy personnel has been a part of thousands of treks into new collecting areas. Often the expeditions were privately financed or sent out by the Academy under grants from research foundations. Sometimes Academy scientists accompanied U. S. government expeditions. During recent years a committee of the council has acted to choose official names for special expeditions. The bulk of the documents relate to the latter; a typed list of all the named expeditions with locale and date is a part of this collection. Included are documents of general information, Academy publicity and statistical reports.

Signers of papers have not been recorded.

\*Coll. 113

ANSP. BOTANY DEPARTMENT. Papers, 1921-48. 31 items.

Francis W. Pennell became curator in 1921 at the death of Stewardson Brown. The material here assembled is almost entirely that of Pennell. His annual reports from 1922-48; history of the department written in 1933 and shorter histories without date; report on "Ideal Working Force" written in

1922; and a visitor's book listing the signatures of botanists who came to Philadelphia from 1921-52 inclusive. At the beginning of the book is one double page of signers dated Dec. 29, 1904.

From the department of botany in 1952.

Coll. 114

Signers of documents:

Moore, J. Percy, 1922; Pennell, F. W. n. d.

ANSP. MEMBERSHIPS. Nominations, 1817-1929. 7 items.

After the founders' meeting, it was decreed that every new member must be nominated by two active members, his name read before the group and voted on at the next business meeting. A single black marble in the voting box kept the nominee out. It was presumed that the prospective member knew nothing of his nomination, so that the insult of being rejected would not be known by him. If black-balled, the nomination blank was destroyed to remove any record of the outcome of the election. Nominations, as shown on the stubs of the book of records, appear in 5 volumes, 1817-1929. Two books of proposals, possibly a duplication of entries in the nomination book also record the names from Feb. 15, 1814 to Dec. 27, 1853.

Coll. 115

ANSP. ENTOMOLOGY DEPARTMENT. Papers, 1902-41. 39 items.

When Thomas Say, the founder of American Entomology, left the Academy for New Harmony, Indiana, the study of insects here was neglected. After Say's death his collections were sent to Thaddeus William Harris for study. Through accident, inadvertence, or just plain carelessness the dried insects were destroyed by dermestids. It has not been established whether the damage was done at the Academy or in the home of Harris where they were stored. During the ensuing years very little interest was shown in the insect department until Thomas B. Wilson aided financially and reactivated the Academy's efforts in that field. Included is a visitors book, 1918-41; an accession book recording lots of insects received, 1897-1926; a historical survey of 1934; various documents relating to the Harbeck, the Ludwig Riedel, the Daecke, the Strecker, the Griffith, the René Martin, and the Charles C. Adams collections.

Archived from Dept. Insects, 1959.

Coll. 116

Signers of letters:

Adams, Chas. C. (6) 1945-6; Cadwalader, C. M. B. (2) 1946; Calvert, P. P. (5) 1902-46; Fox, William J. 1909; Harbeck, H. S. (5) 1920-21; Hines, Jas. S. 1901; Loomis, Henry (2) 1902-20; Nead, B. F. (4) 1918-19; Skinner, Henry (2) 1902-20; Stone, Witmer (2) 1918.

FOWLER, HENRY WEED, 1878- Papers, 1894-1960. 17 items.

Included are original drafts of ichthyological writings, notes, early articles and biographical papers. Amongst the latter is a biography by McCready Huston and Fowler's reminiscences, in part recorded on tape and in part re-

lated to V. T. Phillips who wrote them after hearing the anecdotes. A gift of the author. \*Coll. 117

PENNELL, FRANCIS WHITTIER, 1886-1952. Itineraries of collecting trips and expeditions, 1922-45. 19 items.

Although records of his early collecting are many, including journals kept by him as a young man, this collection of itineraries begins with his trip to Colombia in 1922 and ends with the trip to northwestern U. S. in 1938. Included are maps showing routes and a Spanish atlas to Colombia with all his collecting stations noted by Pennell.

Gift of Mrs. Pennell, in part, in 1952. The remainder archived from the Dept. of Botany, in Dec. 1958. \*Coll. 118

AARON, CHARLES EUGENE, fl. 1860-1918. Hesperiid papers, 1918. 2 items.

English translations of parts of Hubners Zutrage zur sammlung exotischer schmetterlinge . . . Hesperidae. Manuscript and typescript copy in same binder.

Translations of parts of C. Felder's Reise der osterreichischen fregatte Novara um die erde . . . Lepidoptera (Hesperidae), manuscript and typescript copy in same binder. Coll. 119

ANSP. COLLECTIONS - BOTANY. Papers, 1834-1938. 24 items.

Ten volumes of accession books, catalogs, descriptions of collections and additions, "Contents of the Herbarium" by Redfield, Goddard and Bridges, "Index to Families", lists of collections from Ravenel, Standley, Rovirosa and Koelz and Parmanand. The Mexican plants of Rovirosa were indexed on cards by Redfield and these deposited in the manuscript library. Histories of the herbarium by F. W. Pennell begin with 1812 and carry through to 1938 with a separate history of a general nature without specific numbers and statistics.

Archived from the Botany department in 1959. \*Coll. 120

Signers of letters:

Bridges, Robert; Goddard, P. B.; Pennell, F. W.; Redfield, John H.; Rovirosa, José N.; Standley, P. C.; Zantzinger, Wm.

TILLOTSON, HARRY STANTON. Illustrations of plants, 1953. 10 items.

Watercolors of insectivorous plants drawn from life by Tillotson. Pitcher plants, sundews and Venus flytraps, of the genera, Darlingtonia, Dionaea, Drosera, Pinquicula and Sarracenia are portrayed.

Gift of the artist Nov. 6, 1953. Coll. 121

U. S. MARINE COMMISSION. Papers, 1943-44. 11 items.

Correspondence and published articles about the liberty ships named for scientists once associated with the Academy. Alexander Wilson, John James Audubon, Thomas Say and Joseph Leidy were honored in this way during World War II.

Collection assembled by McCready Huston and deposited in 1956.

Signers:

Huston, McCready (5) 1943-44; Kunitz, Eleanor (2) 1943-44; O'Dea, Mark, 1944. \*Coll. 122

CATALOG OF FOSSILS, n. d. 1 item.

Classified list of the Molluscan genera, the first word being Cephalopoda, the last Thecidea. Thirteen pages, removed from the Library's Geological tracts, v. 25, no. 7. Coll. 123

PAUXI, CRAX and PENELOPE, 1827? 1 item.

Ornithological treatise, giving descriptions with a comparative study of the trachea of 2 species of Pauxi, 5 of Crax and 7 of Penelope. 8 illustrations. Date supplied from the watermark.

Removed from the Library's Ornithological tracts, v. 16, no. 6. Coll. 124

SCRIBNER, FRANK LAMSON, 1851-1938. Writings, 1878. 2 items.

Botanist and agrostologist, non-resident member of the Academy, 1877; recording Secretary of the Botanical Section; from 1877-85 an officer of Girard College; subsequently Assistant Botanist of U. S. Dept. of Agriculture, and Chief of the Section of Vegetable Pathology. Collected extensively and wrote on grasses. Decorated by the French government for investigations on the fungus diseases of the grape.

Collection includes; Flora of Mt. Katahdin (publ. in Botanical Gazette, v. 17. p. 46) and catalogue of North American collection giving locality data.

From F. W. Pennell's papers, 1953. \*Coll. 125

BARTON, WILLIAM PAUL CRILLON, 1786-1856. Letter to F. A. Michaux, 1825. 1 item.

Surgeon at the Pennsylvania Hospital and later in the U. S. Navy, Barton taught Botany at the University of Pennsylvania and Materia Medica at Jefferson Medical School. This letter transmits through a common friend, Mr. Vaughan, a copy of Barton's Vegetable Materia Medica (publ. 1817-18) with 50 uncolored plates and apologies for them being uncolored because the coloring was not up to the quality of Michaux's plates, and promises colored ones in the spring. On an inside page of the letter is an annotation by George Ord, April 14, 1845, stating that the above book and letter were found in the

Hall of the American Philosophical Society, left there by the late librarian, J. Vaughan. Coll. 126

DELAFIELD, MRS. VIOLETTA W. The Benjamin Smith Barton papers, 1792-1810. 21 items.

Photostatic copies of proof sheets of Barton's "Prodromis Florae Pennsylvanicae" pages 78, 81, 83, 86, 115-122. Also proof sheets for The Elements of Botany, second edition, 1812, pages 25 and 32 with preface page xvii. These are accompanied by Mrs. Delafield's notes explaining her reasons for taking the position that the material was never published. Another statement by Mrs. Delafield of the finding of the papers in 1936 and a list of items from Mrs. Delafield's Barton collection which were loaned to F. W. Pennell for an exhibit at the American Philosophical Society in 1941; Barton's prospectus addressed to the authorities of the University of Pennsylvania explaining his course of lectures in Materia Medica and various letters written to Barton are included here. Biographical items include news clippings about the man and a statement by F. W. Pennell as to the final disposition of the Barton herbarium.

Gift of Mrs. Delafield in 1936 who has the original at her home at Annandale-on-Hudson, New York, the old Montgomery homestead. Coll. 127  
Signers of documents:

Barton, Benjamin Smith (2) 1804-10; Cooke, James, 1809; Delafield, Mrs. Violetta (2) 1936; Greenway, James (2) 1792-93; Nuttall, Thomas (8) 1809-10.

GLIDDON, GEORGE ROBINS, 1809-1857. Papers, 1854-57. 3 items.

Statesman, industrialist, ethnologist, archaeologist and lecturer, Gliddon spent much of his life in Egypt where he was U. S. Consul. Later in America he became a great admirer of Samuel G. Morton and joined with Nott, Squier, and others to ballyhoo Morton's discoveries and theories of the multiplicity of the human species. Friendly also with J. A. Meigs through whom Gliddon's papers came to the Academy, he was elected a Corresponding Member in 1841. This collection consists of a long folded sheet of text for Chapter 5 for one of Gliddon's books on "Unity of Man", a nine page manuscript biography of unidentified authorship and a news clipping obituary notice taken from the New York Herald of November 30, 1857. Coll. 128

COLLINS, ZACCHEUS, 1764-1831. Correspondence, 1805-27. 305 items.

This Philadelphian, though a famous plant collector and herbarium owner, must not be confused with the English botanist of the same name and time. These letters are entirely botanical in nature, coming from 55 individuals, and present a cross section of the botanists and their problems in the early 19th century. At Collins' death his fine herbarium was claimed by Rafinesque to settle a debt, but only a portion of it went to that naturalist. Some of the specimens eventually came to this Academy.

Contains a series of letters to Rev. Henry Muhlenberg, 1812-15, to F. A. Muhlenberg, 1815-16, and correspondence with Stephen Elliott, 1813-21. An index, a partial typed analysis of the correspondence, and a microfilm of the entire collection are included.

Deposited by General Parker, executor of Z. Collins' estate, April, 1843, the collection having been collated, indexed and bound by the Academy.

List of signers:

Coll. 129

Baldwin, Wm. (23) 1817-19; Barton, W. P. C. (13) 1818-23; Bartram Wm. n. d.; Bigelow, Jacob (15) 1814-18; Brereton, John A. 1820; Brongniart, Adolphe, 1820; Bruce, Archibald, 1811; Cleaver, Isaac (7) 1815-20; Collins, Z. (41) 1805-27; Conyngham, R. 1821; Cooper, Thomas, 1814; Correa de Serra, Joseph (2) 1819; Cryder, J. 1819; Darlington, Wm. (3) 1819; Drake, Daniel, 1820; DUBY, J. 1820; Eddy, Caspar Wistar (5) 1814-17; Elliott, Stephen (13) 1813-21; Gibbs, George, 1819;

Haines, Reuben, 1815; Hayden, Horace H. (3) 1814-19; Hiffell, Chr. G. 1820; Hooker, Wm. J. (3) 1823-24; Hosack, David, 1815; Humboldt, Alex. von, 1804; Hustis, Jabez, 1818; Ives, Eli (9) 1817-19; Keating, W. H. 1823; Kelly, Matthias Joseph, 1816; LeConte, John Eatton (3) 1817-18; Lowry, John S. 1819; Lyon, John (3) 1814;

MacBride, Jas. 1816; Michaux, F. Andrew, 1811; Mitchill, Sam. L. n. d.; Monson, Alfred S. (2) 1819; Muhlenberg, Henry (60) 1812-15; Nuttall, Thomas (5) 1816-22; Parker, Daniel (2) 1819; Philip, E. L. (2) 1817; Potts, J. K. 1819; Rafinesque, C. S. (3) 1820; Rauch, Wm. 1804; (?); Schweinitz, L. D. (3) 1827; Silliman, Benj. (2) 1818; Steinhauer, H. (13) 1816-18; Stuvé, W. E. 1820; Swainson, Wm. 1820; Torrey, John (9) 1818-23; Turner, Wm. (2) 1819; Vaughan, John (2) 1819; Wallace, Jas. W. (2) 1827; Wallich, N. (4) 1819.

SCHWEINITZ, LEWIS DAVID von, 1780-1834. Synopses of various botanical groups, 1817-34. 8 items.

Three exhaustive dissertations on various botanical groups (1) "Synopsis Plantarum" [Cryptogamia] published in 1832 with corrections to correspond to the herbarium bequeathed to the Academy (2) "Synopsis Fungorum Americanorum." Parts I to III, publ. in Tr. Amer. Phil. Soc., 1832-4, revised to 1834 in this manuscript (3) "Synopsis Plantarum Americanorum," 1817? with "work up" notes and index. Finally remarks by F. W. Pennell on the history of the latter.

Individual parts donated by the author, 1834, or by George E. de Schweinitz, 1938.

\*Coll. 130

SMITH, CHARLES EASTWICK, 1820-1900. Letterbooks, 1867-99. 2,927 items.

Engineer, railroad executive, amateur botanist and philanthropist, Smith became associated with the Academy after the Civil War. His letterbooks

were donated to the Botanical Division after his death. 2,927 letters were written by Smith to 393 correspondents.

A listing of the persons addressed is on file in the ms. department. Bequeathed by the author in 1900. \*Coll. 131

SMITH, CHARLES EASTWICK, 1820-1900. Letters from botanists, 1867-99. 2,663 items.

Smith's work in many fields is represented in these letters although the whole collection carried the label "Botanical Correspondence." From his headquarters in the Botanical Section he did editorial work for the Academy and for outsiders, always in the field of natural history; as a committee man in the Academy he acted as consultant and was a generous financial contributor to the Academy's various projects from 1867 on. His herbarium was bequeathed to the Academy and contained some 5,000 specimens, about half of which were collected within fifteen miles of City Hall, Philadelphia, the other half accumulated through exchange and purchase. Being very rich in "Carices" and "Juncaceae," it made a fine addition to the Academy herbarium. A letter from Thomas Meehan written after Smith's death, presumably in 1900 and addressed to Academy officials requested that the correspondence of Smith be properly catalogued, indexed and housed for the use of future botanists. After Meehan's death there was no botanist interested enough to push the idea and the material was stored. In addition to the botanical contents mentioned, a good deal of information can be obtained about Smith's activities in the social life of Philadelphia, his editorial work and his philanthropies, but very little about his business.

Bequeathed by the author in 1900.

Coll. 132

Signers of letters:

Adams, H. M. 1882; Adams, Robert, Jr. (2) 1897; Allen, Harrison, 1896; Allen, John A. 1894; Anderson, E. J., 1889; Anglim, James, 1882;

Baird, Spencer Fullerton, 1881; Baker, George Fales, 1898; Baker, Marcus (2) 1892; Barnes, C. R. 1891; Barnes, Kate S. (2) 1881; Barnwell, James G. 1898; Barringer, D. M. (5), 1897-98; Bartlett, A. J. 1881; Beck, S. G. 1891; Bell, J. Lowrie, 1891; Bell, William, 1897; Bennett, James L. (3) 1880-81; Bessey, Charles Edwin, 1886; Biddle, George W. 1892; Bines, W. H. (6) 1885-86; Blake, Charles W. 1897; Blodget, Lorin, 1887;

Bodley, Rachael S. 1867; Boggs, T. G. (2) 1894; Boker, George H. 1883; Boott, William, 1867; Boudemijnse, A. y P. (3) 1899; Bowman, Jane (5) 1895-98; Boyd, James (5) 1892-94; Boynton, H. V. 1898; Brewster, B. B. 1896; Britton, E. G. (4) 1887; Britton, Nathaniel Lord (86) 1882-99; Brooks, Jas. C. 1898; Brophy, T. (2) 1896; Brown, Addison (10) 1882-98; Browne, L. Andrews, 1899; Browne, William Andrews, 1892; Buck, Jerome (2) 1888-89; Bucksnaue, Franz (2) 1894; Burgess, T. J. W. (34) 1887-99; Burk, Isaac (6) 1876-90; Burnham, T. O. H. 1880;

Calkins, W. W. (3) 1889; Calvert, Philip C. 1898; Campbell, Joanne M. 1897; Canby, William M. (45) 1864-93; Carruthers, William, 1889; Cassin,

## Coll. 132 (cont.)

John, 1868; Cassino, S. E. (18) 1878-96; Cattell, Henry S. 1884; Cattell, William C. (2) 1869-90; Chadbourne, S. H. (2) 1891-95; Chapman, A. W. (11) 1867-88; Chapman, Henry C. n. d.; Chesnut, Victor King (12) 1898-99; Clarke, John M. (2) 1898-99; Clinton, George W. (11) 1864-70; Cobb, Sarah E. (73) 1887-94; Colket, George H. (3) 1892-93; Comegys, B. B. (2) 1898; Commons, A. (4) 1886; Connally, A. P. 1898; Cook, George H. (5) 1881-88; Cope, Edward Drinker (2) 1888-89; Coulter, John M. (19) 1877-92; Coville, Frederick V. (4) 1894-98; Coxe, W. E. C. (11) 1888-98; Craig, Josephine A. (2) 1895-96; Crawford, Joseph, 1899; Cresson, E. T. 1868; Crowell, W. 1888; Curtiss, A. H. n. d.;

Darrach, J. (4) 1880-91; Dawson, George M. 1896; Day, David F. (24) 1882-94; Des Forges, M. J. 1880; Detwiler, S. G. 1880; Devereux, Alfred J. (4) 1889; Dewart, F. W. 1892; Dewey, Lyster H. 1898; Dewey, Melville (7) 1891-95; Diffenbaugh, Elias (6) 1866-68; Dixon, Samuel G. (5) 1894-96; Dolley, C. S. (2) 1890; Dornan, William J. (2) 1893-95; Downing, W. C. (2) 1895-99; Drum, Lavinia Morgan (6), 1887-97; Drum, R. C. 1885; Dudley, William Russel (5), 1886-92; Durand, Elias, n. d.;

Eaton, Daniel C. 1880; Egle, William H. 1891; Elkin, John P. 1898; Elliot, Frank S. 1893; Ellis, J. B. (3) 1882-95; Emory, Frederic, 1898; Engelmann, George (20) 1866-82; Fairbanks, Annie D. (5) 1882; Farlow, W. G. n. d.; Fernald, Merritt Lyndon (13) 1892-97; Fisher, J. H. (11) 1889-90; Flagg, J. Foster, 1892; Fletcher, James, 1896; Foerste, Aug. F. 1892; Foote, A. E. (2) 1893; Fox, William J. (3) 1895-96; Fricke, Albert (2) 1894; Gaines, Eugene, 1899; Galen, James (2) 1882-85; Garber, A. P. 1869; Gaskin, Heleva C. 1887; Georgi, C. (10) 1888-94; Gillespie, E. D. 1893; Goodfellow, Edward, 1880; Goodrich, Leonora (28) 1883-99; Gray, Asa (31) 1860-85; Gray, Jane L. (2) 1894; Greenland, W. W. 1892; Gummey, James McF. (3) 1897; Gurchainville, Le Metayer de, 1886;

Haines, William H. 1892; Hall, James (2) 1892-93; Halsted, Byron D. (2) 1890-94; Hankenson, E. L. (14) 1883-85; Harrison, Charles C. 1895; Heilprin, Angelo (8) 1889-95; Heinitsh, Alex. R. (8) 1894-99; Heller, A. A. (2) 1892-98; Henderson, A. H. 1898; Henderson, George (23) 1896-99; Herbst, William, 1893; Hilgard, J. E. 1880; Hillebrand, E. 1886; Hillier, George W. (6) 1890-95; Hollick, Arthur (4) 1887-91; Hosmer, (Mrs.) G. S. 1884; Howard, G. H. 1886; Hudson, W. A. 1890; Huey, Samuel B. 1890; Hulton, (Mrs.) E. R. n. d.; Hunt, Charles Warren, 1899; Hunt, William (3) 1879-93;

James, Thomas Potts (2) 1868-82; Jenkins, William R. 1896; Johnstone, W. W. 1898; Jones, B. R. 1888; Jones, D. 1898; Jones, I. W. (31) 1891-99; Jones, James F. (2) 1898; Jones, Jona R. 1892; Jordan, John H. 1898; Keen, Gregory B. 1899; Keller, Ida Augusta (3) 1897; Kennedy, J. H. (4) 1888; Kerbert, C. 1895; King, Jno. B. n. d.; King, Peter A. 1871;

Lacou, R. D. (27) 1884-91; Langtree, Mary R. 1890; Lansdale, W. Moylan (9) 1892-99; Larned, J. N. (11) 1887-96; Le Conte, Ellen, 1898;

Le Conte, Robert G. 1894; Leidy, Joseph (68) 1861-91; Lesley, Joseph Peter (6) 1864-92; Lesley, Mary, 1882; Lesquereux, Leo (29) 1883-85; Levick, James J. (4) 1887; Levis, Samuel W. (3) 1888-93; Lewis, F. Park (4) 1890-92; Lindahl, Josua (2) 1883-84; Lippincott, Alice (3) 1892; Loomis, J. H. 1898; Lowdermilk, W. H. (4) 1887-92; Lyell, Charles, 1863; Lynch, James C. 1889;

McCall, C. H. 1899; McCay, S. Kingston, 1893; McClellan, Samuel (2) 1897-99; McCollin, James G., Jr. 1891; McDonough, Joseph (5) 1890-92; Macfarlane, John Muirhead (4) 1892-95; McKim, Haslett (8) 1886; McLennan, Christina (3) 1895; McMichael, Clayton, 1897; McMinn, J. M. (6) 1866-68; McQuillen, L. H. 1868; March, F. A. (4) 1884-85; Marshall, Charles L. 1887; Marthon, Elizabeth D. (2) 1896; Martindale, Isaac Comly (18) 1881-91; Mehorter, May E. (4) 1892-98; Meier, F. R. 1899; Mendenhall, Mereus, 1888; Merrill, Frederick J. H. (28) 1895-99; Miller, Gerrit S., Jr. 1899; Mines, Harriet S. (3) 1894; Mitchell, J. E. (2) 1881-82; Mitchell, J. Howard, 1898; Moore, Clarence B. (44) 1893-99; Morris, Charles (2) 1893; Morris, Galloway C. (2) 1880-98; Mosley, Andrew J. (2) 1888; Muckle, M. R., Jr. 1896; Muhlenberg, Henry A. 1888; Murphy, John, 1880; Myers, (Mrs.) F. J. (22) 1879-82;

Nathorst, A. G. 1884; Nichols, H. K. 1898; Newel, Stanford (2) 1898-99; Nichols, H. K. 1898; Nolan, Edward J. (76) 1884-99; Ogden, Charles Burr, 1898; Ogden, Charles Smith (2) 1895-98; Ogden, Edward H. 1898; Ohin, Mendes, 1898; Ohuy, Stephen S. (10) 1867-69; O'Neill Charles (4) 1880-85;

Park, Roswell (4) 1896; Parker, C. F. (2) 1865-68; Patterson, Joseph Storm, 1895; Patton, Benj. n. d.; Paul, H. T. 1898; Peck, Charles H. (10) 1882-97; Penrose, Boies (5) 1891-99; Penrose, C. B. 1897; Penrose, R. A. F., Jr. (35) 1892-99; Perot, Charles F. 1891; Phillips, Henry, Jr. 1889; Plump, I. Neale, 1896; Poggenburg, Justus F. 1888; Pohnman, Julius, 1886; Potts, Edward, n. d.; Prang, Louis (2) 1894; Pray, Lizzie F. 1899; Prentiss, Albert N. (2) 1893; Putnam, Mary M. 1880; Quick, William H. W. 1893;

Rand, B. Howard, 1859; Rand, Theodore, 1890; Raymond, R. W. (6) 1887; Redden, A. L. (2) 1898-99; Redfield, John H. (13) 1867-89; Reed, Mary, 1868; Reynolds, Mary C. (5) 1879-91; Richmond, H. H. A. 1889; Rider, Sidney S. 1880; Ridgway, Jacob (4) 1898-99; Roberts, Israel, 1893; Robinson, Benj. L. (4) 1895-99; Robinson, Frank, 1898; Rockwood, S. S. 1891; Roosevelt, Gov. (Theodore?) 1899; Rothmolk, J. T. (3) 1868-88; Ruschenberger, W. S. W. (2) 1888-90; Rust, (Mrs.) S. M. (70) 1879-88;

Sargent, C. S. (2) 1880-89; Saunders, C. F. 1898; Saurman, Benj. F. 1867; Schaffer, Charles (7) 1884-89; Schenck, W. G. 1891; Schofield, L. B. 1883; Scott, E. A. (4) 1893-95; Scribner, Ella Lamson (2) 1895; Scribner, F. Lamson (98) 1889-99; Sellers, Coleman (2) 1880-93; Sever, Charles W. 1880; Sharp, Benj. (2) 1890-93; Sheppard, Edwin (5) 1893-99; Siddall, Charles H. 1887; Small, John K. 1894; Smith, A. Emory, 1898; Smith, Aubrey H. (35) 1862-89; Smith, (Mrs.) Aubrey H. 1891; Smith, Charles E. (13) 1875-98; Smith, Chauncey Pelton (4) 1896-98; Smith, Dan B. 1862;

## Coll. 132 (cont.)

Smith, Edward A. 1898; Smith, Franklyn (6) 1894-99; Smith, George (13) 1864-68; Smith, J. L. 1898; Smith, Jared G. 1896; Smith, Pemberton, 1898; Smith, Rebecca L. 1881; Smith, T. Guilford (112) 1880-99; Smith, Uselma C. 1899; Smyth, Bernard B. (18) 1890-93; Stewart, William S. 1890; Stone, J. D. 1893; Stone, Witmer (8) 1891-98; Streeter, Mary E. 1883; Streets, Edwine, 1890; Strickland, E. D. 1896; Strong, Nelson, 1894; Stroud, R. H. (2) 1893; Swain, G. F. (2) 1898; Swank, James M. (8) 1888-98;

Tatnall, Edward (4) 1883; Taylor, K. A. (3) n. d.; Thomas, Theodore, 1886; Thompson, Samuel Gustine, 1892; Tobey, Frank P. 1898; Towne, Edward Owings, 1892; Townsend, Franklin (4) 1893-99; Townsend, H. C. (6) 1894-98; Tryon, George W. (2) 1876-83; Tucker, Alfred (2) 1898; Tuckerman, E. 1868; Tyler, H. B. 1891; Tyler, James, 1889; Tyler, Sidney F. 1898; Vandeford, Charles F. (9) 1894; Van Pelt, Daniel (2) 1898; Vasey, George (8) 1876-98; Vorhees, Theodore, 1898;

Wahl, William H. (4) 1889-94; Walker, S. B. (3) 1889; Walker Bros. (2) 1886; Ward, Lester F. (3) 1882; Warwick, Charles F. 1899; Watkins, Albert B. 1888; Watson, Sereno (8) 1886-92; Watt, David A. P. (2) 1865-66; Weimer, Albert B. (2) 1899; Welsh, Herbert (4) 1892-93; West, Harry F. 1898; White, H. A. S. 1881; White, H. H. 1880; White, M. L. 1896; Whitlock, Lucie L. (2) 1893-99; Wibbe, J. Hermann (7) 1878-91; Williams, Len (4) 1890-97; Williams, A. L. (3) 1892; Williams, H. 1890; Wilson, Francis A. (14) 1892-99; Wilson, Jeannie M. 1890-99; Wilson, Mrs. L. L. 1897; Wilson, Matthew (12) 1890; Winchester, S. E. 1891; Wingate, Harold, 1889; Wistar, J. J. 1895; Wistar, Thomas, 1894; Wister, Annie L. (13) 1885-90; Wolle, Francis (26) 1881-91; Wood, Alfred C. (2) 1897; Woods, D. F. (2) 1898-1899; Yarnall, Thomas C. (2) 1892; Young, John Russell (2) 1894; Young, William H. 1880; Zohm, I. H. (2) 1888.

CIST, JACOB, 1782-1825. Entomological workbooks, 1817-24. 44 items.

This early American naturalist was one of the first to stress field observations and biology of insects, illustrating the stages seen, while studying their classification. He was known to have been preparing a general work on American insects, the first parts of which, text and figures, were shipped to, and acknowledged by Thomas Horsfield in London just before Cist's death. The final disposition of that manuscript is now unknown. The notes and drawings herein described are assumed to be a part of the same study.

The six field notebooks contain introductory comments on entomology, descriptions of various groups of insects, followed by the observations on forms, characteristics and life histories of individual species. This work was to appear under the title of "Entomologia Americana, or the Insects of the United States from Georgia to Maine." The entries number 761 but those for 462 to 549 and 631 to 699 are lacking.

The series of 165 watercolor drawings and 36 pencilled sketches is contained in 38 folders. In some cases there are descriptive notes. Most of the species figured are named, with the numbers corresponding to those used in the notebooks cited above.

Gift of Gilbert S. McClintock, 1942, who obtained them from various descendants of Jacob Cist. One volume has the autograph of Harrison Wright, a grandson of Jacob Cist, 1866. \*Coll. 133

PENNELL, FRANCIS WHITTIER, 1886-1952. Scientific writings, 1922-51. 19 items.

While most of these are strictly limited to botanical taxonomy, the subjects of plant geography, floral evolution and insect pollinators are also treated. Some of the articles were published in a revised form and others contain additions and corrections to published works.

Gift of Mrs. Pennell, to the Botany department, 1952. \*Coll. 134

CIST, JACOB, 1782-1825. Papers, 1794-1824. 44 items.

Included are childhood copybooks, drawings and portraits, architectural drawings, maps and some news clippings. The school books were made during his attendance at the Nazareth Boy's School of the Moravian Church, in 1794-97. Also contained here are plans of his business establishments, drafts of his inventions, maps of the Wilkesbarre, Pa. region and a "Town-plot" of Jefferson County, Ohio. The news clippings, pasted on 46 folio leaves, relate to canals, railroads, reports of legislative procedures on transportation in general, steamboats, turnpikes, agriculture. Some examples of Cist's poetry are interspersed.

Gift of Gilbert S. McClintock, 1940. \*Coll. 135

LESUEUR, CHARLES ALEXANDER, 1778-1846. Papers and drawings, 1817-27. 128 items.

French naturalist, artist and traveler, he came to this country under the patronage of William Maclure of the Academy. Lesueur enjoyed a high reputation earned on the long French government Expedition to Australia under Peron. During his active years as an Academy member, he published a great deal in its Journal, largely in the field of ichthyology, for which he made the engravings and lithographs. He subsequently spent 12 years at New Harmony, Indiana, and returned to France to become the director of the LaHavre museum.

The Academy's holdings include letters, signatures, writings, original illustrations (watercolor on velum, line drawings of insects, shells and vertebrates), engravings, photographs and lithographs, letters and documents about the collection.

Gift of the author (1837), Edward Quesnet, date not known, and of Virginia Twigg (1945), a descendant of Lesueur's New Harmony friend William A. Twigg. \*Coll. 136

SCHWEINITZ, LEWIS DAVID von, 1780-1834. Herbarium catalogs and indexes, 1817-32. 14 items.

From early childhood Schweinitz was interested in botany, studying and collecting wherever possible. He accumulated a large herbarium, through

his own collecting, through exchange and through purchase. His exchange correspondents numbered over one hundred as listed by himself. He is supposed to have bought only a single collection for his herbarium, namely the so-called Baldwin collection owned by Zaccheus Collins which was sold to settle the Collins estate. Schweinitz' herbarium was bequeathed to the Academy and contained, independent of the fungi and other cryptogamous specimens, 23,000 species of plants. When Charles Pickering, Chairman of the Botanical Committee, prepared to add the collection to the Academy's herbarium, he found such a great percentage were from Schweinitz that he decided to use that as a basis and interpolated the Academy's specimens in the newer collection. When finally arranged the Academy's numbered specimens had been increased to 28,000. It is still considered the basic herbarium of type specimens of Fungi. The Algae were not included in Schweinitz' gift and only years later when it was purchased through the Thomas B. Wilson fund did it come to the Academy.

Gift. Bequeathed in part by the author, part presented by E. A. Rau and the remainder from George de Schweinitz. The dates of our receipts vary from 1833 to 1903.

\*Coll. 137

WOLF, HERMAN THEODORE, 1855- Goldfish breeds, 1908. 2 items.

Philadelphia business man, member of the Academy and leader in the Aquarium Society of Philadelphia, Wolf prepared his Goldfish breeds and other Aquarium fishes, in 1908. The original text and drawings, uncolored, were donated to the Academy, with a presentation letter dated Feb. 2, 1916.

Coll. 138

LEA, THOMAS GIBSON, 1785-1844. Papers, 1838-44. 41 items.

Cincinnati business man, retired at forty-three and turned to natural history, he made great local collections, exchanged plants with many botanists of the day, and accumulated a large herbarium which was willed to his son James M. Lea. His botanical observations and collections were intended for a flora of Ohio, which was published posthumously in Philadelphia, 1849, by Collins. This collection includes Lea's letterbook and fifteen letters listing all the plants and shells sent to various colleagues, the manuscript of the "Catalogue of plants native or naturalized in Cincinnati, Ohio" with various small notebooks of field data, flowering dates, etc., with certain papers describing the status of some insects and blights in Cincinnati. His memoranda on zoological subjects refer to the American tent caterpillar, the bee moth, helices and other shells. A biography written in an old-fashioned hand in faded ink, is included and carries a note by F. W. Pennell giving details of Lea's will.

The manuscripts probably accompanied T. G. Lea's herbarium in 1870 when it was donated to the Academy by his son.

\*Coll. 139

LEA, ISAAC, 1792-1886. Reminiscences of Travel, 1852-53. 1 item.

This title applies to a collection of plants gathered by Dr. and Mrs. Isaac Lea in continental Europe and Great Britain, June 1852-Oct., 1853 — an album

herbarium, with the specimens arranged in artistically planned groups. The plants are not named, the value to this file being found in the fact that most pages bear dates, and all have penciled localities giving a more or less complete itinerary of the Lea trip. The chirography has not been identified and may be that of Mrs. Lea.

A presentation letter signed Arthur H. Lea, grandson of Isaac Lea, Aug. 9, 1937 is tipped in. Coll. 140

#### ANSP. COLLECTIONS - MINERALS. Papers 1816-1949. 117 items.

The facts that the important mineral collection of Adam Seybert was purchased during the Academy's first year of existence and that its first president was also America's first crystallographer, stimulated interest in mineralogy, making that department one of the first and most active in the Academy. The collection has since grown into one of the best in the world, containing over 90% of all known minerals, and the museum display is rated one of the most effective in the country. This eminence has been achieved through 150 years of collecting expeditions, gifts and purchases.

While hundreds of names appear in the records, the major donations have come through Samuel Ashmead, Emily Drown, Thomas Harvey, Isaac Lea, William Maclure, Thomas M'Euen, Henry Seybert, Charles K. Shaw, William S. Vaux and Thomas B. Wilson. On deposit at the Academy are the collections of the American Philosophical Society, the Franklin Institute and the Commonwealth of Pennsylvania. Until the acquisition of the Vaux collection, in 1882, curatorial work was voluntary. Since that time the curators have been: Jacob Binder, William W. Jefferis, Theodore Rand, Frank J. Keeley and Samuel G. Gordon.

Included are catalogues, data on collections, memoranda and correspondence.

From the Department of Mineralogy, 1952.

\*Coll. 141

Signers:

Abbott, J. L. (3) 1949; Baldwin, Morrell G. 1946; Bement, Clarence S. 1894; Binder, Jacob (4) 1891; Cadwalader, C. M. B. (2) 1933-40; Cahn, Nellie, 1946; Chapman, H. C. (13) 1893-94; Cobb, Harrison S. 1948; D'Ascenzo, Nicola G. 1894; Dixon, Samuel G. (9) 1893-94; Eckert, H. W. 1948; English Co. (2) 1893-94; Flagg, Arthur L. 1947; Foote Co. (7) 1893; Freeland, D. N. 1879; Fulweiler, J. H. 1940; Gordon, Samuel G. (30) 1933-49; Grieger, John M. 1946; Gruner, J. W. 1948;

Heinrich, E. William, 1949; Henry, Joseph, 1864; Jefferis, William W. (3) 1892-93; Jeffries, C. D. 1947; Johnson, H. M. 1866; Keeley, F. J. 1934; Kennedy, George W. 1933; Kind, Oscar, 1947; King, Fain White, 1947; Lesley, J. Peter, 1864; Lukesh, Joseph S. 1949; Meehan, Thomas (2) 1893; Meyer, Charles, 1946; Migerka, D. 1878; Miser, Hugh D. 1948; Montgomery, Arthur, 1938; Nolan, Edward J. (4) 1884-93; Palumbo, Roberto, 1948; Pecora, William T. (2) 1949; Pennypacker, Charles H. (4) 1893-94;

Rothrock, J. T. (5) 1893; Ruschenberger, W. S. W. (6) 1884-93; Schortmann, Raymond E. 1946; Schwab, Samuel S. 1945; Segeler, Curt G.

## Coll. 141 (cont.)

1948; Seixas, Joaquim C. 1948; Shaub, B. M. 1938; Sherman, J. R. 1948; Steinhaus, Henry, 1948; Thomas, Charles A. 1946; Tracy, José Carlos, 1876; Vaux, George (2) 1883-84; Watson, Joseph, 1816; Willcox, Joseph, 1893.

ANSP. MEMBERSHIPS. Papers, 1812-1917. 27 items.

Lists of members, resident, corresponding and contributing, of various dates; lists of contributions and dues; attendance records; and assembled certificates of membership. Membership lists were published intermittently, 15 manuscript lists covering the years 1812-16, 1812-27, 1812-34; 1812-51, 1812-1905, 1817-21, 1846-47, 1848, 1848-68, 1850-65, 1857-67, 1864-67, 1867-90, 1877-91, 1893-1917. Compilers are identified as John Lambert, George W. Carpenter, James A. G. Rehn, W. S. W. Ruschenberger and Edward J. Nolan.

Archived.

\*Coll. 142

Signers:

Carpenter, Geo. W.; Lambert, John; Nolan, Edward J.; Rehn, James A. G.; Ruschenberger, W. S. W.

LEWIS, HENRY CARVILL, 1853-1888. Papers, 1869-98. 305 items.

A geologist and mineralogist, Lewis became professor of geology at Haverford College. He was a member of this Academy, of the American Philosophical Society, the Franklin Institute and several foreign scientific societies. He worked on the geological survey of Pennsylvania, his special interest being in glacial drift and moraines, both here and in Great Britain.

This collection contains scientific papers, working notes, reports, photographs, and a large scrapbook of 161 pages, containing biographical material, letters, maps and scientific papers. In it is much historical data relating to the Academy.

Prepared by Julia F. Lewis and presented to the Academy by Lewis D. Cook of the Genealogical Society of Pennsylvania, Nov. 1, 1954.

Names of signers have not been indexed.

\*Coll. 143

WRIGHT, CHARLES, 1811-1885. Plant collections, 1856-61. 2 items.

Botanical explorer of the nineteenth century and one of the first North American Naturalists to botanize in a tropical country. While fighting in the Mexican war and as a member of Col. Graham's expedition to settle the boundary between Mexico and the U. S. he had many opportunities to collect plants for Asa Gray and others. Two volumes under the name Plantae Wrightiana were published to describe the new species and collecting localities. A later expedition to explore the Pacific ended in Nicaragua. Finally for ten years, 1856-66 he collected in Cuba and during that time succeeded in tripling the number of known Cuban species.

Two field notebooks (1) Plants of Cuba, including 1710 numbers, and some herbarium labels "Coll. C. Wright, 1856-57, in Cuba Orientalis" (2) Plants of New Mexico, listing 2153 numbers, many of them blank, 1861.

From the botany department, 1957.

Coll. 144

PEARY GREENLAND EXPEDITIONS, 1891-92. Papers, 1890-94. 79 items.

The Arctic explorer, Robert Edwin Peary, led an expedition to Greenland for the Academy in 1891, his party consisting of Dr. Frederick Cook, surgeon and ethnologist, John M. Verhoeff, mineralogist and meteorologist, Langdon Gibson, ornithologist, M. Henson, Eivind Astrup and Mrs. Peary. Angelo Heilprin, curator of the Academy, the second in command, was accompanied by Professors Benjamin Sharp and J. F. Holt, both zoologists, William E. Hughes, ornithologist, Dr. Robert N. Keely, Jr., surgeon, Levi W. Mengel, entomologist, Alexander C. Kenealy, correspondent of the New York Herald, Frazer Ashhurst and W. H. Burk.

The party left Brooklyn on June 6, 1891 in the "Kite" arriving at Inglefield Gulf on McCormick Bay, northeast Greenland on July 29th. Here Peary spent the winter, Heilprin's party leaving them to make their scheduled geological and biological investigations before returning to Philadelphia. In the spring, Peary's group undertook the trek across the inland ice to northeast Greenland. After studying the natives as well as the geology and geography of the area, and proving that Greenland was indeed an island, they set sail in open whale boats for the south of Greenland. En route they met Heilprin's so-called Peary Relief Expedition, transferred to the "Kite" and returned to New York. Heilprin had organized the Relief Expedition out of concern for the safety of such a small party, including one woman, left to winter under adverse conditions.

The collection includes letters, reports, both administrative and scientific, lists of specimens taken and observed, photographs of the staff, equipment and area traversed. Original outline map of expedition routes drawn by R. E. Peary. Much information about the part played by the Academy of Natural Sciences, is preserved in its Publicity Scrapbooks.

Archived in part from various Academy files, in part the gift of Laurence Heilprin, 1954.

Coll. 145

List of signers of letters and documents:

Burk, W. H. 1891(?); Hart, Gavin W. (3) 1892; Heilprin, Angelo (16) 1891-2; Hughes, W. E. (2) 1891(?); Kenealy, Alex. C. (2) 1891; McCook, H. C. 1892; Meehan, Thomas, 1891; Mengel, L. W. 1891; Nolan, E. J. 1891; Peary, Robert E. (17) 1890-94; Putnam, F. W. 1892; Sharp, Benjamin (8) 1890-92; Wistar, I. J. 1892.

KERN, RICHARD HOVENDON, 1821-1853. Paintings, 1849. 69 items.

A series of original drawings and watercolors, 35 of which are black and white wash, 27 watercolors and 7 pen and ink sketches. They vary only slightly in size, about 24 x 15 cm. On the title-page: "Drawings illustrative of the Report of Lieut. J. H. Simpson, Corps Topl. Engrs. upon the route pursued by the troops under the command of Bvt. Lieut. Col. Jno. M. Washington, Governor of New Mexico; in the expedition against the Navajo Indians, 1849".

Each drawing mounted on a single leaf of the portfolio, through corner slits cut in the page. Most are by Richard H. Kern, but a few are done by his brother Edward M. Kern, and the two collaborated on a small number. The subject matter includes landscapes, Indian portraits, Indian groups, pueblos, drawings and inscriptions from walls, plans of ruins, pottery fragments, etc. The plates are numbered from 1 to 75, but six are missing, some never published in the U. S. Govt. report of the Expedition.

Richard Kern was one of 3 brothers of Philadelphia, all of whom were artists and members of western expeditions. Richard also acted as artist on Capt. Sitgrave's expedition in the southwest in 1851, and with Capt. J. W. Gunnison's survey in 1853. During the latter he was killed by the Indians while on a subsidiary expedition with a small party.

The drawings were published by the U. S. Govt. in Executive docs., no. 64, of the Senate, 1st session of the 31st Congress, 1849-50, in 1850; again privately as "Journal of Military Reconnaissance from Santa Fe, N. Mex. to the Navajo Country, James H. Simpson." Philadelphia, Lippincott, Grambo & Co., 1852. Both printings have the lithographers name as "Printed in colors by P. S. Dubal's Steam Lith. Press, Phila." on the colored plates, while the uncolored ones in Dr. Simpson's private account are actually the same as those from the gov't. document, carrying the same running title, of Senate document no. 64.

Presentation bookplate "Francis J. Duffy, Dec. 13, 1898." Coll. 146

HEILPRIN, ANGELO, 1853-1907. Papers, 1871-96. 34 items.

Geographer, explorer and geologist, Heilprin was prominent in scientific circles in Philadelphia, founding the Geographical Society and instigating the dispatch of the so-called relief expedition to rescue Peary in Greenland. A partial diary of this trip, 1891-92 is preserved, some letters and other papers and documents regarding his official duties at the Academy. Writings and personalia complete the collection.

Gift of Laurence Heilprin, Dec. 16, 1954, through courtesy of H. G. Richards.

\*Coll. 147

List of signers:

Binder, Jacob, n. d.; Bryant, Henry G. 1893; Hart, Gavin W.; Heilprin, Angelo (9) 1892-94; Morris, Charles, n.d.; Nolan, E. J. (2) 1892.

TRYON, GEORGE WASHINGTON, Jr., 1838-1888. Treatise, 1880's. 1 item.

"Shells of Forest and Stream" the title given to a projected work by G. W. Tryon and H. A. Pilsbry progressed to the extent of 161 pages of text and 13

plates. The study, as outlined, was abandoned by Pilsbry after Tryon's death.

Deposited by R. T. Abbott from the Shell Dept., Feb., 1962. Coll. 148

SHORT, CHARLES WILKINS, 1794-1863. Papers, 1833-64. 17 items.

Kentucky botanist, physician and teacher of medical botany at Transylvania College. Collected extensively throughout Kentucky and financially supported botanical expeditions to different parts of the world for a return in specimens. Elected corresponding member of the Academy in 1831. Accumulated a large herbarium which was willed to the Smithsonian Institution, but not accepted by them. On the advice of Asa Gray, Short's heirs gave the collection to the Academy with the expressed wish to have it kept separate as the "Shortian Herbarium" but the letter of transmittal mentions only one condition namely "that it be ever open to the study and inspection of those in pursuit of botanical knowledge". This letter was signed by Short's son William for himself and his sisters dated at Louisville, Kentucky, November 20, 1863. The papers include illustrations, checklists, memoranda and a catalog of plants of Kentucky (with annotations about his own herbarium and those of Gray, Torrey, Bachman, Darlington, Lebanworth and Curtis).

Gift from the heirs or from Stewardson Brown's estate. \*Coll. 149

AMERICAN ENTOMOLOGICAL SOCIETY, Correspondence, 1867-1951. 7,121 items.

In this collection the letters of some 946 authors present a history of American entomology and especially of the American Entomological Society and the Entomological section of the Academy. Under discussion are the society affairs, working funds, publications and scientific courtesies, exchanges with other museums and entomologists. The recipients appear to be primarily the secretaries and recorders of the two organizations mentioned. Collections received at three different times from the Department of Insects are combined and treated as a unit. The Historical file supervised by E. T. Cresson, Sr. and continued by his son of the same name were transferred to the library of the Academy in 1948 for safe-keeping. Another series of letters belonging to the Society but preserved in the Department was referred to the Academy's library in 1960 by S. S. Roback, corresponding secretary. The third group was removed from an old scrapbook of the Society and contains much of the earlier correspondence included here. A large number of carbon answers and manuscript transcriptions of replies have been included but not counted in the series. Coll. 150

Signers:

Aaron, Carrie Baily (12) 1890-1926; Aaron, Eugene Murray (7) 1890-1901; Aaron, S. Frank (11) 1884-1919; Abbott, Wm. L. (2) 1916; Absolom, D. Ch. 1935; Adams, C. F. (2) 1915; Adams, Warren, 1899; Adelung,

## Coll. 150 (cont.)

Nicolai (2) 1899-1905; Adler, Cyrus (2) 1905; Adler, Hermann (2) 1877-81; Aguaya, C. G. 1932; Akhurst (Mrs.) John, 1902; Albrecht, Paul, 1946; Albright, Max (3) 1894-95; Alcazar, Edmundo del, 1922; Aldrich, John M. (57) 1900-32; Alexander, Charles P. (12) 1911-38; Alexander, Gordon (2) 1934-48; Allen, E. W. 1908; Almeida, Faustino (4) 1927-28; Altena, C. O. van Regteren, 1947; Alwood, Wm. B. (2) 1895-1901;

Andersen, Axel, 1946; Anderson, Charles S. (2) 1922; Anderson, Ernest M. 1902; Anderson, H. W. n. d.; Andre, Ernest (27) 1881-1902; Andrews, A. W. (7) 1908-09; Andrews, Henry J. 1927; Andrews, James E. 1895; Angell, G. W. J. (3) 1909; Angell, John W. (2) 1911; Angle, James L. 1922; Angus, James (15) 1890-97; Antram, Chas. B. 1921; Apt, Samuel (2) 1944-46; Armstrong, Doris M. 1918; Armstrong, Georgia P. (4) 1916; Arndt, E. L. (2) 1906; Arnold, G. 1938; Ashmead, Wm. Harris (93) 1880-1903; Ashton, T. B. (4) 1891-94; Atwood, W. P. (2) 1896; Austen, Ernest E. 1911; Auxer, Samuel, 1894; Babcock, Amory L. 1894; Back, Ernest R. A. (5) 1904-06; Baker, Carl F. (27) 1895-1927; Balachowsky, Mr. 1927; Balint, Estevan, 1940; Ball, E. D. (8) 1895-1933; Ball, Michael V. 1927; Ballard, Julia P. 1891; Ballou, Charles H. 1928; Ballou, Henry A. (7) 1902-06; Banks, Nathan (32) 1891-1924; Barber, H. G. (8) 1895-1908; Barber, Herbert S. (4) 1903-07; Barnes, Wm. (19) 1893-1919; Barnett, Claribel, 1936; Barrett, Otis W. (7) 1898-1901; Barrett, (Mrs.) Otis W. 1900; Baumberger, J. P. (7) 1908-10;

Beach, C. C. (2) 1894; Beach, F. C. 1905; Beales, E. V. (4) 1892; Bean, Thomas E. (5) 1892; Becheyne, Jan, 1947; Becker, T. H. 1911; Begin, A'Abbe P. A. (2) 1894-95; Behr, H. H. (3) 1900; Bell, Ernest L. (339) 1922-39; Benesh, Bernard (19) 1932-37; Benjamin, Foster H. (20) 1922-26; Bennett, Wm. H. 1938; Bequaert, Joseph, 1938; Bergroth, E. (2) 1907-21; Berlese, Antonio, 1924; Berry, Arthur (2) 1886; Bertkau, Ph. 1890; Bethune, Charles J. C. (10) 1889-1916; Bethune-Baker, G. I. (15) 1913-24; Beutenmuller, Wm. (80) 1891-1907; Beyer, G. E. (2) 1905-08; Bezzi, M. 1924;

Biederman, C. R. (125) 1903-24; Billouin, Louise E. 1912; Bird, Henry (9) 1891-1941; Bird, R. D. 1932; Blaauw, A. F. H. (2) 1942-43; Blackburn, C. V. (9) 1905-23; Blackmore, E. H. (6) 1920; Blackwelder, Richard E. (23) 1934; Blaisdell, Frank E. (14) 1891-1935; Blake, Alfred S. (2) 1903; Blake, Charles A. (3) 1894-1903; Blake, Doris H. (4) 1925-29; Blanchard, Frederick (19) 1880-1908; Blatchley, W. S. (12) 1902-24; Bliss, Raymond Quartus, 1950; Blundell, E. G. (4) 1919-20;

Boardman, E. R. 1877; Bodenstein, Othelia Francis, 1943; Boggs, F. C. (2) 1914; Bohart, Richard M. 1946; Bolivar, Ignacio (4) 1908-36; Bolivar, J. 1892; Bolles, E. C. 1878; Bolster, Percy G. 1925; Bonniwell, J. G. (25) 1915-20; Bonvouloir, H. de, 1867; Bottimer, L. J. 1935; Boulton, A. R. M. 1925; Bowditch, Fred C. 1879; Bower, H. M. (3) 1916;

Braddock, Charles S. (2) 1907; Bradley, James Chester (39) 1902-17; Brainerd, Heloise, 1935; Braun, Annette F. (28) 1907-21; Braun, Carl (31) 1890-91; Brehme, Herman H. (30) 1904-23; Brendel, Emil (3) 1890;

## Coll. 150 (cont.)

Brimley, C. S. (4) 1903-08; Brittain, Wm. H. 1916; Britton, W. E. (13) 1896-1921; Brockett, Paul, 1919; Brodie, Wm. 1885; Bromley, Stanley W. 1943; Brown, Jay Elmer (2) 1902; Browning, G. Wesley (23) 1897-1903; Bruce, David (24) 1891-1903; Brues, C. T. (9) 1907-33; Bruner, Lawrence (8) 1895-1901; Brunetti, E. (7) 1909-11; Brunner von Wattenwyl, Karl (2) 1906; Bryant, Henry G. (5) 1897-1912; Bujak, B. J. 1932; Burgess, A. F. (5) 1908-17; Burr, Malcolm, 1897; Burrell, R. W. 1939; Burrison, H. K. (3) 1895; Busck, August (14) 1892-1933; Butler, Arthur G. 1897;

Cadbury, John W., 3d, 1941; Cadwalader, C. M. B. (12) 1937-48; Caffrey, D. J. 1937; Caldwell, Harry R. 1922; Calkins, Virgil F. (2) 1931; Calvert, Amelia, 1943; Calvert, P. P. (80) 1890-1948; Cambridge, O. P. 1893; Cameron, P. (6) 1880-1909; Camp, R. D. 1920; Caracciole, H. (7) 1890-92; Cary, Margaret M. 1936; Carpenter, G. D. Hale (7) 1935; Carr (Mrs.) F. S. 1934; Carriker, M. A., Jr. (2) 1909; Carter (Mrs.) S. E. (13) 1917-21; Casey, Thomas L. (6) 1891-1911; Casselberry, R. C. (2) 1935-36; Castle, Salome, 1924; Causey, Nelle Bevel (2) 1941;

Chagnon, Gus (8) 1894-1905; Chaillet, A. A. 1908; Chamberlin, R. V. (2) 1932; Chambers, E. L. 1942; Chambers, V. T. (4) 1877-78; Champion, A. C. 1911; Champlain, A. B. (2) 1920; Chapman, T. A. 1898; Chapman, W. W. (4) 1926-41; Chekiang, China. Bur. Ent. (7) 1934-37; Childs, E. P. 1895; Clark, B. Preston (26) 1915-21; Clark, Charles Upson (2) 1893; Clarkson, Frederick, 1890; Clemens, J. B. (3) 1914; Cockerell, T. D. A. (110) 1892-42; Cockle, J. Wm. (6) 1904-16; Colcord, Mabel (2) 1940; Cole, A. C. 1933; Cole, F. R. (2) 1917; Collins, C. W. (3) 1912-34; Compere, Harold, 1925; Comstock, John, 1902; Comstock, John Adams (10) 1917-38; Comstock, John Henry (13) 1882-1912; Comstock, Wm. P. (2) 1913-19; Conant, Roger, 1942; Conradi, Adolph (14) 1890-1905;

Cook, A. J. 1893; Cook, John H. (5) 1905-07; Cook, Mel Y. (4) 1906; Cooke, Morris L. (4) 1912-13; Cooley, R. A. 1917; Coolidge, K. R. (10) 1905-22; Coquillett, D. W. (6) 1881-91; Corporaal, J. B. 1935; Cory, Ernest N. (5) 1927-37; Cottle, James Edw. (2) 1902-32; Couper, Wm. 1883; Coverdale, George, 1913; Cowley, J. 1936; Coxey, W. Judson, 1939; Crampton, G. C. 1932; Craw, Alexander, 1897; Crawford, J. C. 1935; Crawford, W. M. 1888; Cresson, Ezra T., Sr. (10) 1881-1908; Cresson, Ezra T., Jr. (3) 1939-47; Criddle, Norman (17) 1907-11; Criddle, Percy (5) 1908-16; Critchfield, J. B. 1936; Crosby, C. R. (5) 1909-25; Crumb, Ulee P. 1908; Curran, C. Howard, 1923; Currie, Rolla P. (3) 1898-1909; Cushman, R. A. (2) 1915;

Daecke, V. A. E. (41) 1905-15; Dannatt, W. (4) 1892-96; Darlington, Emlen P. (8) 1938-44; David, Charles W. (2) 1941; Davies, Pinckney A. 1922; Davis, J. J. (2) 1927; Davis, John (5) 1893-95; Davis, K. C. 1899; Davis, Wm. T. (9) 1896-1922; Davis, G. C. (18) 1892-1905; Dawson, R. W. (3) 1909-21; Deam, Charles C. (5) 1905-14; DeLong, Dwight H. 1935; Desmarest, E. 1882; Dew, J. A. (3) 1913; Dickerson, Edgar L. (3) 1901-08; Dietz, W. G. (21) 1899-1917; Dillon, Lawrence S. (3) 1940; Dimmock, George, 1879; Dixon, Fannie G. 1918; Dixon, Samuel G. (3) 1895-1913;

## Coll. 150 (cont.)

Doane, R. W. (5) 1888-1919; Dobbie, Howard R. 1935; Dod, F. H. Wooley (16) 1895-1915; Dohrn, C. A. 1867; Doll, Jacob, 1894; Doran, Edwin W. 1902; Dorner, George (3) 1911-13; Dos Passos, Cyril F. 1935; Dotin, Samuel B. 1896; Dow, R. P. (10) 1908-40; Dozier, H. L. 1925; Drexel, Lucy W. 1903; Duce, Herbert, 1905; Duffner, Otto Ch. (2) 1915-22; Dukes, W. C. (37) 1907-21; Dumond, R. A. 1922; Dunavan, David, 1942; Duran, Victor (2) 1919; Dury, Charles (4) 1903-08;

Eala, Quintin A. 1946; Eckfeldt, John L. 1881; Eddy, Fred A. (2) 1890; Edwards, Henry (8) 1873-83; Edwards, W. H. (56) 1890-1906; Ehinger, Wm. T. 1939; Ehrman, George A. (3) 1892-1906; Eisen, Gustav (2) 1906; Elrod, M. J. 1904; Elwes, J. H. (3) 1895-1919; Ely, Charles R. (2) 1907-12; Engel, Henry, 1909; Engelhardt, George P. (3) 1908-25; Erb, Herman J. 1900; Espanol, Francisco, 1947; Esson, L. G. (5) 1914-22; Eustis, Henry W. (3) 1899-1904; Exline, Harriet, 1935;

Faust, Charles (3) 1904-09; Fealy, Nellie E. (2) 1916-17; Felt, Ephraim Porter (40) 1898-1940; Fenninger, Carl W. (2) 1900-41; Fenyés, A. 1903; Fernald, C. H. (27) 1882-1908; Fernald, H. T. (63) 1896-1933; Ficke, H. 1894; Field, George H. (10) 1906-22; Field, Herbert Haviland (2) 1908-10; Field, W. L. W. (8) 1894-1910; Fischer, P. L. (3) 1901-24; Fish, Charles, 1880; Fiske, W. F. (19) 1895-1903; Fitzpatrick, John B. (26) 1893-96; Fletcher, James (54) 1886-1905;

Foote, A. E. 1890; Forbes, Stephen A. (7) 1880-1912; Forbes, W. T. M. (4) 1906-19; Ford, A. (7) 1930; Foulkes, O. D. (8) 1890-95; Fountain, D. C. 1900; Fox, Charles L. (13) 1919-26; Fox, Henry (2) 1917; Franck, George (104) 1901-09; Franklin, H. J. (17) 1912-19; Fraser, Donald (2) 1922; French, G. H. n. d.; Frisch, Ernest G. n. d.; Frison, Theodore H. (44) 1925-40; Frohawk, F. W. (3) 1910; Frost, C. A. (2) 1907; Fuchs, Charles (5) 1890-1912; Fyles, Thomas W. 1891;

Gadeau de Kerville, Henri, 1937; Gaige, Frederick M. 1918; Garcia-Diaz, Julio, 1935; Geddes, John M. (12) 1908-23; Gee, Arthur, 1913; Geiser, S. W. (4) 1929-32; Gentner, L. G. 1925; Gerhard, Wm. J. (35) 1898-1915; Gerould, John H. (7) 1914-17; Gestro, Raffaello (2) 1881-1936; Gibbon, Hugh (8) 1919-21; Gibson, Arthur (25) 1908-39; Gibson, Edmond H. 1917; Giglio-Tos, E. 1934; Gillette, Clarence P. (7) 1891-1907; Girault, A. Arsene (12) 1900-11; Gissler, Carl Fritz, 1873; Glasgow, Robert D. (2) 1911;

Goding, Frederic W. (14) 1890-1929; Godman, F. D. (4) 1908; Gordon, Jack G. 1907; Gowdey, Carlton C. (2) 1905-10; Graef, Edward L. 1888; Graenicher, S. 1935; Graf, J. E. 1935; Greene, Charles T. (5) 1912-39; Greene, George M. 1917; Greenman, Milton J. 1910; Gregson, Percy B. (2) 1899; Griffith, H. G. (4) 1896-99; Griffith, J. P. Crozer, 1913; Grim, J. S. (5) 1913; Grinnell, Fordyce, Jr. (14) 1904-15; Groskin, Horace (2) 1943-44; Grossbeck, John G. (14) 1906-13; Grote, A. Radcliffe (2) 1898; Grut, Ferdinand, 1884; Guijnard, J. A. 1896; Gunder, Jeane D. 1925;

## Coll. 150 (cont.)

Haines, Reuben, 1880; Hall, Gaylord C. (3) 1916-18; Hallinan, Thomas, 1911; Hallinen, J. E. (5) 1909-19; Hallock, Harold C. (2) 1925-34; Hamilton, John (3) 1883-96; Hamilton (Mrs.) John, 1897; Hampton, G. F. (3) 1905-11; Hancock, Joseph L. 1905; Hand, Edwin E. (2) 1917; Handlirsch, Martha, 1948; Hanham, A. W. (6) 1895-96; Harbeck, H. S. (2) 1906-07; Hardenberg, C. B. (10) 1903-09; Hardy, D. Elmo, 1936; Harris, Edw. D. (11) 1905-11; Harris, George Wm. 1900; Harris, Halbert M. 1924; Harrower, D. E. (5) 1916; Hart, Charles A. (2) 1908; Harvey, E. Newton (2) 1911; Harvey, Francis L. (6) 1892-93; Harvey, R. V. 1902; Haskin, J. R. (23) 1911-23; Hastert, Pierre (9) 1915-19; Hatch, Melville L. 1882; Hayward, Roland (17) 1897-1901;

Headlee, Thomas J. (3) 1908-22; Healy, John L. (2) 1907-18; Hebard, Morgan (28) 1903-28; Heidemann, Otto, 1910; Heiligbrodt, L. 1882; Heink, Charles L. 1917; Hendel, Firaboth, 1924; Henshaw, Samuel (11) 1899-1914; Herndl, Carlos, 1922; Herr, C. W. 1902; Herring, Henrietta B. (9) 1892-95; Hetschko, A. 1924; Hewitt, C. Gordon (22) 1912-15; Hewlett, Ester Parnell (13) 1916-17; Hill, Charles A. (8) 1917-19; Hillman, Fred H. (5) 1890-93; Hinds, W. E. 1930; Hine, James S. (17) 1897-1920; Hinman, Frank G. 1935; Hinton, Howard E. 1935; Hiser (Mrs.) O. F. (2) 1916-21; Hoag, W. E. (28) 1901-21;

Hoffmann, Adolf, 1940; Holdredge, Leigh Irving (2) 1901; Holland, Wm. J. (121) 1882-1931; Holmes, F. M. 1906; Hood, J. D. (2) 1911-25; Hooker, Wm. A. (4) 1904-12; Hooper, Franklin W. (3) 1900-01; Hopfinger, J. C. (12) 1915-16; Hopkins, A. D. (13) 1898-1905; Hopping, Ralph (2) 1902-18; Hopping, Roy, 1898; Horn, George H. (25) 1881-97; Horn, Walther (32) 1908-36; Hornig, Herman (53) 1897-1926; Horvath, G. (4) 1911; Hough, Garry de N. (14) 1896-1905; Houghton, C. O. (5) 1896-1902; Houlbert, C. 1925; Howard, Leland Osian (97) 1883-1926; Howard, W. R. 1898; Hoyler, Clement (8) 1908; Huard, V. A. 1910; Hubbard, C. Andresen, 1941; Hudson, George H. 1891; Huguenin, J. C. (15) 1911-18; Hull, Cordell, 1940; Hull, Frank M. 1940; Hulst, George D. (11) 1888-1900; Hunter, S. J. 1910; Hunter, W. D. 1904; Hutchinson, C. H. (3) 1897; Hutchinson, Susan A., 1914; Hutson, George S. (2) 1892-1903; Hyslop, J. A. (2) 1914-33;

Ilg, Carl, 1911; Isely, F. B. 1934; Jackson, B. Dayton (2) 1915-20; Janse, A. J. T. 1914; Jaques, H. E. 1935; Jeanes, Anna T. (2) 1898; Jeanes, Joseph (2) 1892-94; Jeannel, R. 1938; Jeheber, Ernst (2) 1905; Johannsen, O. A. (2) 1935-38; Johnson, Charles W. (15) 1871-1929; Johnson, Harry L. 1917; Johnson, James S. 1883; Johnson, O. B. (3) 1901-04; Johnson, Roswell H. (2) 1906-08; Johnson, S. Arthur (2) 1903-04; Johnson, W. G. 1899; Johnston, C. E. (4) 1908-09; Jones, Frank M. (35) 1889-1941; Jordan, Karl (13) 1892-1929; Jorgensen, Pedro (12) 1917-27; Joutel, Louis H. (4) 1901-03; Just, Theodore (2) 1939;

Kahl, Hugo (2) 1899; Karlovic, John K. 1935; Kasper, Hirman, 1949; Kasper, Vera, 1949; Kayser, R. 1894; Kearfoot, Mary L. (4) 1918; Kearfoot, Wm. D. (41) 1898-1915; Keith, Edward D. (7) 1905-09; Kellicott, D. S. (3) 1881-95; Kellogg, Vernon L. (3) 1906-27; Kemp, S. T. (9) 1899-1901;

## Coll. 150 (cont.)

Kenyon, F. C. (2) 1892-93; Kernan, Alfred (3) 1922; Kerremans, Ch. (5) 1910-13; Kertesz, Kalman, 1911; Kilpatrick, Macon M. (2) 1897; Kincaid, Trevor (19) 1893-1901; King, George B. (9) 1897-1912; Kinsey, Alfred C. 1940; Kirby, W. F. 1869; Kiritshenko, A. N. (2) 1938; Kirk, Edw. C. (2) 1911; Kisliuk, Max., Jr. (5) 1918-36;

Klagas, Edward A. (25) 1899-1925; Klages, Samuel M. (8) 1897-1924; Klier, Ph. 1881; Klots, Alex, B. (2) 1931-34; Knab, Frederick (3) 1909-10; Knaus, W. (4) 1903-05; Knipling, E. F. 1935; Knobel, Louise (28) 1921-31; Knowlton, Geo. F. 1939; Kotinsky, Jacob (2) 1908-12; Kousnetzoff, W. 1947; Kraus, E. J. 1909; Krombein, Karl V. 1941; Kryger, T. P. 1919; Kunckel, Jules (2) 1909; Kunze, Richard E. (7) 1891-1914; Kusche, J. Aug. (2) 1917-18;

Lameere, Auguste, 1901; Laurent, Minnie C. S. 1942; Lawler, Wm. F., Jr. 1926; LeConte, Robt. G. 1914; Ledyard, Edgar M. (6) 1909-12; Lehman, Theodore (5) 1918-19; Leiby, R. W. 1937; Leidy, Joseph, II (2) n. d.; Leigh, George F. 1923; Lambert, John B. (7) 1893-94; Leng, Charles W. (9) 1902-17; Leonard, M. D. 1939; Leopoldo, Ceresa, 1946; Lesne, P. 1896; Letcher, Beverly (2) 1892-97; Leussler, R. A. (2) 1914; Lewis, (Mrs.) J. L. 1912; Lewis, J. R., Jr. 1946;

Lhomme, Leon (2) 1946; Lichy, L. A. 1926; Liebeck, Charles (10) 1891-1932; Lienhart, Jose (4) 1920-23; Liljeblad, Emil, 1921; Lindsey, A. W. (53) 1917-34; Lintner, J. A. (4) 1881-83; List, George M. 1935; Loding, H. P. 1907; Longley, W. E. 1898; Loomis, H. 1890; Lounsbury, Charles P. 1899; Lovell, John H. 1916; Lowe, S. 1928; Lowe, W. 1928; Lubbock, John, 1898; Lucas, F. A. (2) 1905; Ludwig, R. (2) 1905; Lutz, Frank E. (2) 1914-19; Lyman, Henry H. (44) 1884-1912;

McAtee, W. L. 1914; MacBean, George G. (4) 1920; McClure, H. Elliott, 1932; McCook, Elinor D. T. (2) 1900; McCook, Henry C. (27) 1880-1904; McDunnough, J. H. (45) 1909-23; McElvare, Rowland R. 1941; MacElwee, Alex. (2) 1921; MacGillivray, Alex. D. (23) 1895-1920; MacGillivray, (Mrs.) A. D. n. d.; McGlashan, Ximena (5) 1913-14; McKenney, Ernest S. (2) 1915; Mackey, Laura S. n. d.; Mackintosh, E. B. (2) 1933-34; McKnight, Charles S. (2) 1892-95; Makin, Charles J. S. 1916; Malloch, James Russel (60) 1912-19; Mally, Frederick Wm. 1892; Manee, A. H. (10) 1908-13; Manger, Constantin, 1925; Mann, Wm. M. (3) 1908-22; Marchal, Paul, 1924; Marchand, Werner (3) 1916-21; Marlatt, C. L. (22) 1891-1937; Marsh, (Mrs.) Bertha (2) 1925;

Marshall, Guy A. N. (2) 1938; Martin, Edward (3) 1917-19; Martin, Rene, 1911; Mason, J. T. (5) 1891; Matheson, Robt, (2) 1912; Matteson, J. Harold, 1923; Matthews, A. n. d.; Matthews, John H. 1910; Mayo, Gertrude (5) 1905-06; Mayo, Katherine (9) 1906-07; Mayr, Gustav (3) 1868-70; Mead, Albert R. 1943; Meade, Theodore L. (13) 1906-23; Meijere, Johannes Cornelis Hendrik, 1938; Meiners, Edwin P. 1935; Melander, A. L. (20) 1906-23; Melzer, Bruno, 1913; Mengel, Levi, W. (113) 1899-1924; Merrick, Frank A. (48) 1900-11; Merrill, Harriet B. (6) 1907-09; Merrill, M. R. 1938;

Metcalf, C. L. 1923; Metcalf, Z. P. (3) 1921; Metz, Charles, W. 1911; Meyers, P. R. 1913; Meyrick, Edward (2) 1921; Meyrick, O. 1939;

Mickel, Clarence E. (2) 1936-41; Miller, Forrest W. 1942; Minot, George R. 1902; Mitchell, Evelyn G. (2) 1907; Mitchell, James L. (2) 1900; Mitchell, T. B. (7) 1925-30; Moczarski, Emil (3) 1920; Mohr, Charles E. 1947; Montgomery, Robt, 1932; Montgomery, Thomas, H., Jr. 1903; Moore, J. Percy, 1912; Moore, Raymond C. 1923; Morgan, H. A. 1890; Morison, Guy D. 1935; Morrison, Charles, 1893; Morrison, H. K. 1882; Morrison, Harold, 1915; Morton, Emily L. 1889; Mosher, Edna (2) 1915; Mott, George (2) 1914-15; Moul, Edwin T. 1943; Mulhern, Th. D. (2) 1937-44; Mulsant, M. E. 1860; Mundt, A. H. 1883; Munz, Philip A. (2) 1916; Murtfeldt, Augusta, 1913; Muttkowski, R. A. (10) 1881; Myers, P. R. 1909;

Nakahara, Waro (4) 1914; Nakamura, Y. 1917; Napier, Arthur H. (2) 1915-24; Nason, Wm. A. (3) 1904-07; Navas, Longin (2) 1918; Neave, Ferris, 1935; Neave, S. A. (6) 1923-51; Needham, James G. (2) 1916; Nell, Clara E. (4) 1923-24; Nell, Philip (14) 1892-1907; Neumoegen, B. (10) 1891-91; Neumoegen, Rebecca (2) 1895; Newcomb, Hal (46) 1921-31; Newcomb, Harry H. (35) 1898-1916; Newcomb, Wm. W. (9) 1891-1909; Nicolay, Alan S. 1925; Nolan, Edw. J. (13) 1875-1918; Norton, Charles H. (3) 1894; Norton, J. D. 1915; Nuttall, George H. F. 1924;

Oberthur, Charles (21) 1901-23; Oberthur, Rene, 1902; O'Byrne, Harold I. 1932; Ogoshi, Hisateru, 1940; Osborn, Herbert (11) 1892-1911; Osburn, Wm. 1895; Oslar, Ernest J. (58) 1893-1910; Ottolengui, R. (26) 1890-1919; Owen, Edward T. (13) 1892-1910; Ozburn, Reg. H. (2) 1938; Packard, A. S. (2) 1889-1902; Palma, Pasquale, 1935; Palmer, T. Chalkley (6) 1909-28; Parish, Herbert S. (6) 1912-14; Parker, Ralph R. 1917; Patch, Edith M. (3) 1908-11; Pate, Vernon S. L. (19) 1935-43; Patton, Wm. Hampton (40) 1878-95; Patton, W. S. 1919; Patton, (Mrs.) Wm. (6) 1882-86;

Peale, A. C. 1901; Pearsall, Richard F. (9) 1906-15; Pennsylvania Ent. Soc. (2) 1930-31; Penrose, R. A. F., Jr. 1925; Pergande, Theodore (10) 1879-1906; Perry, David (2) 1943-45; Phair, A. W. A. (12) 1915-19; Phillips, Venia T. (3) 1922-49; Pierce, Newlon B. 1887; Pierce, W. Dwight (13) 1903-20; Pilate, G. R. (12) 1895-1910; Place, Wm., Jr. (2) 1908; Poling, O. C. (80) 1899-1930; Popenoe, Edwin A. 1893; Porter, A. F. (43) 1907-28; Porter, Carlos E. 1906; Poulton, Edward B. (19) 1903-24; Prauss (Mrs.) K. 1935; Prince, A. R. 1927; Procter, Wm. 1936; Provost, M. D. 1921; Punnete, R. C. 1915; Quaintance, A. L. (4) 1896-1918;

Radourhomer, C. 1872; Ramsay, A. 1882; Ramsden, Charles T. (56) 1901-19; Rapp, Wm. 1945; Rathbun, Richard (4) 1884-1907; Rathvon, Porthenia, 1899; Rau, Philip, 1934; Raub, M. W. 1909; Ravenel, W. de C. (2) 1903-20; Reading, Joseph H. 1911; Redtenbacher, Joseph, 1911; Regan, W. S. (11) 1910-30; Rehn, James A. G. (12) 1902-50; Reiff, Wm. (4) 1915-18; Reinhard, H. J. 1935; Reinicke, Wm. R. (3) 1909-12; Reverdin, Jaques Louis (17) 1913; Reynolds, A. G. 1912; Reynolds, L. R. 1920; Rhoads, Samuel N. 1905; Richardson, Wm. D. 1903; Ricksecker, L. E. (12) 1882-

## Coll. 150 (cont.)

1911; Rider, Fremont, 1939; Ridings, James H. (4) 1891-1904; Riegel, Henry (2) 1922; Ries, Donald T. (2) 1934-47; Riley, Charles V. (43) 1871-94; Riley, W. D. (2) 1924; Riley, William A. 1905; Ris, F. 1924; Rivers, J. J. (2) 1882-1906; Rivnay, E. 1930;

Roberts, Christ. H. 1897; Roberts, H. R. 1943; Robertson, Charles (6) 1893-1902; Robinson, Coleman T. 1868; Robinson, Wirt (8) 1902-04; Rockwood, Fred K. (2) 1919; Roewer, Prof. (German) 1937; Rohwer, S. A. (31) 1908-28; Roig, Mario S. 1908; Rosenberg, W. F. H. 1911; Rosenberger, Randle C. 1913; Ross, Herbert H. (14) 1928-30; Rothschild, N. Charles (8) 1910-11; Rothschild, Walter, 1911; Rounds, Dean L. 1938; Rowley, R. R. 1890; Rudkin, Charles N. 1932; Ruhl, Fritz (2) 1893-1921; Rutt, Walter, 1914;

Sabrosky, Curtis W. 1935; Safford, W. E. (2) 1883; Salman, Kenneth A. (9) 1929-30; Sanders, J. G. (4) 1916-23; Sanderson, E. Dwight, 1907; Satherthwait, Alfred F. (4) 1907-19; Saunders, A. P. 1935; Saunders, Henry S. 1908; Saussure, Henri (32) 1903-25; Schaeffer, Charles (32) 1903-25; Schaupp, F. G. (9) 1879-94; Schaus, Wm. (57) 1920-39; Schiffel, Eugene (6) 1918-19; Schmidt, Heinrich (8) 1929-32; Schmieder, Rudolf G. (4) 1937-39; Schmiedknecht, P. n. d.; Schmoe, F. (2) 1923-24; Schneck, J. 1877; Schoenborn, H. F. 1916; Schouteden, H. 1930; Schroder, Chr. (6) 1892-1924; Schulthess, A. von (2) 1938; Schulz, Alb. (3) 1892-1906; Schurr, Theo. A. 1899; Schuster, Rudolf M. 1955; Schwarz, E. A. (4) 1876-1913; Schwarz, Ernest (5) 1917-18; Schwarz, H. 1896; Schwarz, Herbert F. (3) 1944-48; Scudder, Samuel H. (11) 1892-1901;

Seeber, Ernest, 1893; Seitz, A. 1925; Sell, R. A. (2) 1915-16; Sellers, Coleman (2) 1900; Selys-Longchamps, Edm. de, 1894; Sever, Frank (47) 1911-20; Sever, Joseph n. d.; Severin, Guillaume (2) 1911-25; Severin, M. G. (5) 1909-13; Semenov-Tian-Shansky, Andreas, 1929; Shannon, Howard J. (2) 1916; Shaw, S. Albert (2) 1900-05; Shearer, C. H. (2) 1922-23; Sherman, Franklin, Jr. (14) 1904-24; Sherman, John D., Jr. (14) 1901-42; Shine, Thomas B. (8) 1914-15; Shoemaker, W. H. (5) 1924-25; Sjostedt, Yngve, 1911; Sladen, F. W. L. (3) 1914-16; Slingerland, Mark V. (2) 1901-07; Slosson, Annie Trumbull (60) 1891-1919;

Smith, Austin, 1921; Smith, Benj. H. (2) 1908-17; Smith, Donaldson, 1891; Smith, Emily A. (2) 1878-79; Smith, Frederick (3) 1867-77; Smith, Harry S. 1940; Smith, Herbert H. (22) 1881-1902; Smith, John B. (176) 1889-1904; Smith, M. R. (2) 1932-35; Smulyan, M. T. (3) 1930; Smyth, E. Graywood, 1934; Smyth, Ellison A., Jr. (46) 1894-1910; Snow, F. H. (23) 1883-1907; Snyder, Arthur J. (56) 1893-1923; Snyder, C. Harrison, 1943; Snyder, W. E. (2) 1909; Sornborger, J. D. 1919; Soule, Caroline Gray (8) 1905-06; Spalding, Tom (34) 1902-11; Speiser, O. T. 1913; Spieth, Herman T. 1935; Spuler, Anthony (2) 1922;

Stamm, J. C. (4) 1911; Stannard, Lewis J., Jr. (2) 1939-45; Staudinger, Otto (24) 1892-1931; Sternitzky, R. F. (17) 1924-30; Stevenson, Charles, 1906; Stichel, W. (2) 1923; Stiles, C. W. (10) 1912-19; Stockhausen, Paul C.

(4) 1928-29; Stohr, L. M. 1916; Stone, Witmer (4) 1892-1926; Stoner, Dayton (2) 1915-34; Stubenrauch, Arnold V. (2) 1940; Stumper, Robert, 1949; Sturtevant, A. H. 1917; Sumichrast, F. (3) 1868-80; Summers, H. E. 1901; Surface, H. A. (17) 1906-16; Swainson, E. M. (12) 1893-1924; Sweeting, James, 1940; Swenk, Myron H. (4) 1904-07; Swett, Louis W. (2) 1908;

Talhok, Abd-ul-Monim S. 1936; Talmadge, J. E. (4) 1892-1936; Taylor, George W. (2) 1904-06; Taylor, Leland H. (12) 1920-23; Terry, F. W. 1910; Thaxter, Roland, 1882; Thomas, W. Stephen (3) 1939-40; Thompson, M. T. (5) 1904-07; Thurston, C. V. 1902; Titherington, Robt. J. (2) 1923; Titus, E. G. 1907; Titus, E. S. G. (4) 1900-03; Torre Bueno, J. R. de la (25) 1904-33; Toumey, J. W. (3) 1893-94; Townes, Henry K. 1925; Townsend, C. H. Tyler (26) 1891-1935; Trelease, Wm. 1911; Tretz, Harrison M. n. d.; Trimen, Roland, 1911; True, A. C. (2) 1908; Truman, P. C. (2) 1908; Tullgren, Albert, 1913; Turner, Hy J. (2) 1922-23;

Uhler, P. R. (14) 1881-1914; Ulke, Henry (2) 1889-1907; Uvarov, B. 1924; Vachell, Arthur H. 1903; Van Duzee, E. P. (65) 1881-1939; Van Duzee, E. P. (65) 1881-1939; Van Duzee, Millard C. (23) 1923-32; Van Dyke, Edwin C. (16) 1903-19; Van Hyning, T. (2) 1915; Van Ostrand, H. T. (8) 1908-09; Van Winkle, A. S. 1917; Vausell, George H. 1914; Verity, Roger, 1913; Vickers, Ernest W. 1900; Viereck, Henry L. (71) 1902-31; Vincent, R. P. 1892; Vorhies, C. T. (2) 1938;

Wade, Joe S. (2) 1931-35; Walker, E. M. (4) 1913-29; Walker, Francis (2) 1867-73; Wallis, J. B. (7) 1909-27; Walsh, Benj. D. (7) 1909-27; Walsingham, Baron (2) 1880; Ward, Henry B. 1903; Warfield, E. D. 1895; Warren, B. C. S. 1923; Washburn, F. L. (3) 1893-1919; Wasmann, E. 1911; Watson, Frank E. (21) 1917-31; Watson, J. Henry, 1916; Watson, John (3) 1893; Webber, Ray T. (8) 1920-27; Weber, Hermann, n. d.; Weber, R. 1899; Weber, S. E. (6) 1906; Webster, F. M. (11) 1893-1912; Weed, Clarence M. 1884; Weed, Howard Ewarts, 1891; Weeks, Andrew Gray (56) 1891-1930; Weeks, Henry Clay (10) 1906; Weidt, A. J. 1910; Weiss, Harry B. (2) 1912-31;

Welles, Charles S. (9) 1899-1911; Welles, Maria P. (2) 1914; Wellman, Creighton (13) 1907-11; Wellman, Francis Creighton, 1907; Wesson, Lawrence G., Jr. (2) 1943; Westcott, O. S. (3) 1907-14; Westwood, John O. 1874; Weyerstall, Otto (5) 1915-16; Wharton, Wm. R. 1917; Wheeler, Wm. Morton (15) 1902-20; White, Gordon D. 1922; White, H. G. (2) 1894; White, J. J. (32) 1913-27; Wickham, H. F. (30) 1891-1914; Wickham, Harriet A. 1931; Wilbur, Donald A. 1940; Wiley, C. A. (2) 1893; Wilkinson, E. (3) 1893; Will, Homer C. 1934; Willard, Harry G. 1897; Williams, Francis Xavier (10) 1904-11; Williams, Jos. L. 1948; Williams, Roswell Carter, Jr. (2) 1945-7; Williams, (Mrs.) Roswell Carter, 1947; Williamson, E. B. (16) 1903-21; Williamson, Henry, 1937; Williamson, Jesse H. 1923; Willis, (Mrs.) John Augustus, 1941; Williston, A. W. 1907; Williston, S. W. (2) 1884-1907; Willson, D. B. (3) 1897; Wilson, Rathmel (3) 1866-67; Winn, Albert F. (9) 1891-1931;

## Coll. 150 (cont.)

Wolcott, A. B. (8) 1895-1922; Wolcott, Robert H. (2) 1893-1916; Wollaston, H. 1860; Wood, R. V. 1945; Wood, Wm. C. (44) 1890-1935; Woodgate, John (12) 1907-09; Woodworth, C. W. 1915; Wormsbacher, Henry (7) 1917; Wright, George W. (2) 1886; Wright, W. G. (7) 1892-1907; Wright, W. S. (7) 1906-07; Wytsman, P. (6) 1922-24; Yamamoto, Hiromu, 1935; Zabriskie, J. L. 1883; Zerny, H. 1923.

FOSSILS OF THE ANTHRACITE COAL MEASURES, 1860?. 1 item.

This list of 66 fossil plants is mostly concerned with the genus Sigillaria. The notes give the general information about the material collected, the locality from which it came and the person from whom it was received, if not collected by the author. Various places in Pennsylvania are mentioned, namely, Sharp Mountain, Pottsville, East Norwegian, Monterey, Ashland, St. Clair, Llewellyn, Wolf Creek, Forestville, and Muscawa. Persons mentioned as donors are C. H. Tyson, L. Bartholomew, and Mr. Mayland.

Provenance not known.

Coll. 151

CIST, JACOB, 1782-1825. Correspondence and other documents, 1794-1829. 987 items.

American naturalist, artist, inventor, business man, pioneer in anthracite coal development, author and U. S. Postmaster. The collection includes personal and business letters, documents, agreements, memoranda, clippings and records as postmaster of Wilkes-Barre, Pa. His accounts as treasurer of the Wilkes-Barre Bridge Co. are included and records of activities as a founder and officer of Luzerne County Agricultural Society, and as a Commissioner from his county to the Pennsylvania Commission for Internal Improvement. His tax accounts as County Treasurer, with supplementary letters give details of the procedures in vogue during that era. Includes some typescript and some facsimile copies.

Gift of a descendant, Gilbert S. McClintock of Wilkes-Barre, Pa., 1940.

Signers of letters and documents:

\*Coll. 152

Alden, Enoch (3) 1803-05; Alden & Bennett, n. d.; Arndt, John P. n. d.; Babb, J. P. 1825; Bacheracht, Louise, Severinborn, 1823; Bachman, Isaac, 1814; Barnes, William, 1812; Beach, Nathan, 1809; Beates, Fred (2) 1816; Beaumont, A. 1828; Beck, Paul, Jr. 1816; Beitel, John (2) 1817-22; Bell, William (2) 1800-03; Biegy, George, 1815; Bowman, H. (3) 1828-29; Bown, William (3) 1814; Boyd, Washington, 1806; Boyer, John, 1815; Bradley, Abraham, Jr. (4) 1813-26; Bradley, Phineas (4) 1808-23; Brockelman, William L. (9) 1812-14; Brongnairt, Adolphe, 1822; Brown, J. 1819; Brown & Lewis, 1823; Buckingham, Henry, 1816; Burnside, Judge Thomas (2) 1825; Butler, Lord, 1816;

Cave, Thomas, 1820; Central Rail Road Company, 1825 (?); Champin, Henry N. 1825; Chapman, Isaac A. (9) 1814-19; Chapman, Joseph (2) 1821; Cist, Charles, Sr. (42) 1797-1805; Cist, Charles, Jr. 1817; Cist, Jacob

(133) 1794-1825; Cist, J. & C. Miner, n. d.; Cist, Lewis (9) 1794-1803; Cist, Mary (Weiss) (5) 1801-09; Cist, Mary Ann (6) 1823-27; Cist, Rebecca, 1808; Cist, Sarah (Hollenback) (28) 1806-29; Clymer, Henry, 1816; Collins, Zaccheus, 1820; Comstock, Peres, 1804; Courtauld, James, 1820; Cunow, John G. (2) 1807-14;

Dana, Chester, 1821; Dart, Anson (5) 1820; Davenport, Humphrey, 1809; Davis, Thomas, 1825; Dawson & Morrison, 1815; Day, William (29) 1820-24; Dean, John R. 1815; Delaunay, Pierre, 1804; Dennis, Jacob J. 1822; Depew, Thomas (6) 1822-23; Dilley, Daniel J. 1823; Dilzund, John (2) 1821-22; Dimock, Asa (23) 1821-22; Dimock, Warren (7) 1820-21; Dixon, Thomas, 1816; Doffart, Jacob, 1815; Dolfnus, Hein (?), n. d.; Dolph, Alexander (14) 1821-22; Dotter, Henry, 1815; Dotter, Solomon, 1815; Dow, Thomas (18) 1820-24; Drake, Benjamin (12) 1818-23; Drake & Palmer, 1816; Drinker, Henry W. (11) 1816-25; Drum, George, 1824; Ducker, John, 1819; Dudley & Safford (10) 1823; Dull, John C. (8) 1822; Duncan, James J. 1825; Dyer, Thomas, 1821;

Easton & Wilkesbarre Turnpike Co. (3) 1805-23; Ecky, A. (2) 1820; Eddy, John H. 1816; Eddy, Thomas, 1818; Edwards, Horace H. (4) 1809-15; Ellis, W. Cox, 1825; Engles, W. M. 1809 (?); Evans, John, 1811; Evans, Oliver (3) 1815; Fell, Edward (4) 1821; Fell, Jesse, 1818; Fenstermacher; Philip, 1816; Fenstermacher, William, 1814; Fisher, Coleman, 1820; Fisher, Jacob, 1815; Fisher, Samuel W. 1813; Flanagan, John, 1821; Foose (?), Jacob, 1822; Frailey, Leonard (9) 1801-02; Frantz, Peter (2) 1815; French, George, n. d.; Freytag, Daniel, 1813; Fuller, C. n. d.; Fulton, Robert, n. d.;

Gibson, John B. 1821; Gillis (Mrs.), n. d.; Gilliss, Thomas H. (2) 1802; Gilpin, Joshua (3) 1817-26; Gilpin, Thomas (3) 1817-26; Gordon, George, 1814; Graff, Frederick (2) n. d.; Granger, Gideon (2) 1806; Greiner, A., 1824; Groh, George Adam, 1815; Guier, William, 1820; Gutekunst, H. G. 1814;

Haga, Godfrey, Jr. (4) 1800-13; Haines, George (2) 1815-25; Hall, H. 1817; Hall, William, 1820; Hannis, John (20) 1819-21; Hanse, John (2) 1814; Harris, Isaac, 1818; Hart, Jacob, 1799; Hawley, Almon (2) 1829-33; Hawley, Elizah, Jr. 1815; Hawley, Timothy R. (4) 1821-26; Heller, John (2) 1815; Henry, J. Joseph (2) 1814-26; Henry, William (3) 1814; Herter, Martin, 1815; Hess, David (2) 1814; Hewitt, James, 1806; Hibbard, Joseph, 1815; Hogan, David, 1812; Hollenback, George M. (3) 1808-27; Hollenback, Matthias (5) 1807-17; Hollenback & Cist, 1808; Hood, William, n. d.; Hopkins, Thomas & Co. 1820; Horn, Christian (2) 1815; Hornich, Christian, 1814; Horsfield, Joseph (3) 1814; Horsfield, Thomas (3) 1806-25; Horsfield, William (2) 1814-25; Howell, Benjamin B. (3) 1818-20; Hutchins, Thomas, 1823;

Jackson, William, 1815; James, Thomas C. 1814; Jameson, Alexander, 1811; Keating, William H. 1824; Kern, John (7) 1802-03; Kingsberry, Stephen, 1812; Kirkpatrick, John B. 1820; Klotz, Abraham (2) 1811-14;

## Coll. 152 (cont.)

Kremer, Peter, 1815; Land, Gilbert, 1817; Lane, George (11) 1818-19; Laning, John, 1814; Laning, Mary Ann (Hollenback) 1829; Latimer, Thomas (2) 1820-22; Lee, Washington, 1821; Lehigh Coal Concern (4) 1814; Lehigh Navigation Company, 1814; Leibert, Joseph, 1820; Lewis, David, 1816; Lintz, Simon (2) 1814; Loysel, C. n. d.; Luekenback, Charles, 1823; Luzerne Co., Pa. 1813; Lyon, James, (4) 1802-04;

McCalb, Archibald, 1816; MacCulloch, George P. (6) 1825-26; McMahan, James, 1805; Magrath, Michael, 1825; Main, Thomas (2) 1808-10; Meigs, Retirn J. 1822; Miner, Charles (2) 1817-21; Miner, John, 1815; Miner, Nathaniel (3) 1814; Miner, Thomas, 1826; Morris, David, 1802; Morse, Sam, 1802; Mott, Edward, 1820; Mozer, Joel, 1818; Müller, Friedrich, 1815; Mussi, Joseph (2) 1822; Naszinger, Henry (3) 1815; New Coal Company of Luzerne Co. 1825; Nicholson, Samuel G. 1829;

Palmer, George, 1822; Parker, Jeremiah (2) 1817-20; Pease, Calvin, 1816; Perry, Benjamin, 1816; Peters, Richard, Jr. 1825; Pierce, John, 1821; Prosser, Thomas, 1820; Raeder, James, 1812; Ragnet, Condy, 1820; Rainow, Francis, 1810; Rapine, Daniel, 1808; Rapine & Conrad & Co. 1805; Reinholdt, George, 1820; Renwick, James (4) 1824-25; Rhodes, William, 1800; Ridge, Chief (Indian) 1825; Ridgely, Charles G. 1824; Riggs, Romulus (2) 1821-24; Ritter, J., Jr. 1807; Roberts, Hugh (3) 1816-24; Robinson, John (2) 1814; Rockwell, William, 1816; Rogers & Brothers, 1826; Ronaldson, James (7) 1813; Ronaldson, Richard, 1813; Rudolph, Jacob, 1814;

Sansom, William (2) 1818-19; Santee, Lannerd, 1815; Say, Thomas (2) 1824; Schneider, Charles, 1820; Scott, David, 1815; Selden, Carey, 1822; Sergeant, E. S. (3) 1816-21; Shivers, Thomas, 1811; Simpson, Jacob, 1815; Sinton, John (2) 1814; Sinton, Joseph (2) 1817; Sively, George, 1813; Skinner, William, 1810; Slocum, Isaac, 1810; Smith, Benjamin B. (2) 1807; Smith, Daniel (6) 1819-24; Smith, David (5) 1815-19; Smith, George (2) 1814; Smith, Jacob, 1812; Smith, John, 1815; Smith, Joseph (3) 1814; Smith, Linah(?) 1828; Smith, M. n.d.

Snyder, Daniel, 1815; Snyder, Jacob, 1815; Snyder, Peter (2) 1814; Solt, Conrad, 1815; Soltt, Paul (2) 1815; Sower, Samuel (2) 1802; Stell & McAlpon (2) 1820; Stelwaggon & Knight (3) 1814-15; Stoddart, Henry, 1820; Stoddart, John, 1820; Stop, Mr. n. d.; Stover, John, 1813; Streater, Charles (2) 1821; Stuckey, Benjamin (2) 1815; Sullow (?), Jacob, 1815;

Temasy, James, 1815; Thomas, John, 1814; Thompson, John (2) 1815-23; Thompson, Manna, 1815; Thornton, William, 1809; Tilghman (Chief Justice) n. d.; Tilghman, Benjamin (2) 1816; Titus, Jacob, 1822; Tuttle, Stephen (2) 1814; Tuttle & Covell (2) 1815; Twillan, Joseph (2) 1817-18; U. S. General Post-Office (2) 1813-21; Vanuxem & Clarke, 1818; Vaux, George (3) 1820-22;

Wall, Ezra, 1824; Wallace, John B. 1813; Waller, A. B. 1824; Wampole, J. 1814; Watkins, Samuel L. 1806; Way, George (2) 1811-18; Weaver, Henry, 1815; Weiss, Francis, 1820; Weiss, Jacob, 1786; Weiss, Jacob, Jr. (2)

## Coll. 152 (cont.)

1803-04; Weiss, Johann Jacob, n. d.; Wernwag, Powell & Troutman (4) 1816-18; Whipple, Isaac, 1815; White, Josiah (5) 1824-25; White & Hazard, 1814; Whitehead, George (2) 1815; Whitney, Joshua (3) 1814; Wicker, Joseph, 1822; Wilcox, Samuel, 1819; Wilkes Barre Academy, 1824; Wilkesbarre Bridge Company (130) 1816-18; Williams, Thomas, 1828; Wilson, Martha, 1820; Winchester, George (7) 1825; Woodhouse, James (2) n. d.; Wright, Harrison, 1879; Wright, Josiah, 1825; Young, Robert, 1815.

GRAY, ASA, 1810-1888. Papers, 1839-77. 29 items.

Eminent botanical figure in 19th century America and the only botanist to be enshrined in the Hall of Fame. Employed many collectors and consummated many exchange deals with other botanists. In furthering this purpose, he identified specimens for other herbaria. Our papers consist of letters, identification lists and a series of notes on the Zaccheus Collins correspondence at the Academy of Natural Science. These notes embody many human interest comments about the authors in the Collins list.

\*Coll. 153

ANSP. REAL ESTATE. Papers, 1791-1918. 482 items.

Consists of material relating mostly to two parcels of real estate owned by the Academy; the land on which the building at 19th and Race streets stands, and a tract of 1,723 acres in West Virginia which came to the Academy from William Maclure's estate. Also some items relating to the 2nd street property and the Broad and Sansom streets building. The collection contains correspondence (mostly by attorneys and realtors and not indexed) deeds, reports, maps, bills and miscellaneous legal documents. The West Virginia material contains a 43-page resumé by Nolan, of all transactions and correspondence from the acquisition of the land in 1844 to its sale for \$6,000.00 in 1875, a part having been sold earlier for delinquent taxes.

Archived from attic, 1960.

\*Coll. 154

BAILY, WILLIAM LLOYD, 1818-1861. Correspondence, 1847-61. 36 items.

Typed transcripts of letters written to William L. Baily, and some bills, receipts, etc. The letters largely concern his interests in hummingbirds, trees, etc. Also a letter signed by C. Tate Regan, 1919 and copies of presentation correspondence.

This series of letters was mostly published in Cassinia, Nov. 23, 1919, p. 1-13.

Gift of William Lloyd Baily, of Haverford, 1946.

Coll. 155

List of signers of letters:

Audubon, Victor G. 1855; Bailliere, H. E. 1856; Baird, Spencer F. (2) 1855-61; Bell, J. G. 1855; Darlington, Wm. 1856; Gould, John (3) 1854-56; Gray, Asa (2) 1856; Lawrence, Geo. N. (3) 1856; McIlvain, J. H. 1855;

## Coll. 155 (cont.)

Potts, Joseph, 1861; Reece, D. 1855; Theophilus, 1847; Regan, C. Tate, 1919; Baily, Wm. L. II (2) 1946.

AARON, CARRIE BAILY, 1862 ?-1954. Papers, 1890-1910. 4 items.

Three letters and a notebook containing an entomological essay by Mrs. Aaron. The essay was entered in a content and won the prize offered by Mr. Lamborn. This introduction seems to have flowered into a close friendship which influenced Mrs. Aaron's suggestion to Robert H. Lamborn to donate a sizeable fortune to the Academy, and his reaction to it. A bequest, the largest ever received by this institution, was subsequently made. Mrs. Aaron's biography of Lamborn was published in the Academy's Proceedings for 1901. She also colored the spider plates for Henry C. McCook's book.

Archived from the Department of Insects.

Coll. 156

Signers:

Aaron, Carrie B. 1910; Skinner, Henry, 1890; Wood, Harold Bacon, 1955.

BACHMAN, JOHN, 1790-1874. Papers, 1837-48, 3 items.

Naturalist and Lutheran minister of Charleston, S. C. and corresponding member of the Academy. Well known for his part in the controversy on the unity of man, which was raging among Samuel G. Morton, George R. Gliddon, Ephraim G. Squier and Joseph Clark Nott. Most famous for his joint authorship with J. J. Audubon of the illustrated folio work, Viviparous Quadrupeds of North America. Papers consist of an article on the Virginia opossum and two original watercolors.

Gift of the author, 1837 and 1848.

\*Coll. 157

BACHE, ANNA. Poem, 1833. 1 item.

Poem about shells, tipped in Mrs. Julia Planton's Workbook on Conchology, and removed, Dec. 15, 1959. At the close of the poem is the signature of Anna Bache and the notation: Written at Pensacola, Florida, 1833.

Gift of Mrs. Planton's heirs, 1920.

Coll. 158

GRIFFITH, ROBERT EGLESFELD, 1798-1850. Papers, 1819-1935. 9 items.

Botanist, conchologist and physician, he was elected a member of the Academy in 1815 and served on various Academy committees, being vice president at the time of his death. He acted as a member of the Committee on the Organization of the Scientific Corps, U. S. Exploring Expedition, 1838-42 and also reported on botany for Lt. Wm. F. Lynch's Dead Sea Expedition, 1847. His collections and library were bequeathed to the Academy. These papers consist of two letters by Griffith, a transcript in his hand of William Swainson's "A treatise on malacology," 1840 and biographical materials, one piece being a typed sketch by James A. G. Rehn.

Gift of the author, 1850.

\*Coll. 159

PLANTON, (Mrs.) JULIA. Workbook in conchology, 1920. 1 item.

The bound volume of 62 pages, with original watercolor drawings on 19 plates carries a notation in H. A. Pilsbry's hand: "This manuscript conchology was presented to the Academy with a small collection of shells (not those figured) about 1920. It is from the estate of Mrs. Julia Planton, through her descendants." Coll. 160

POULSON, CHARLES A. d. 1866. Papers, 1831-44. 9 items.

An American conchologist who described himself as being a member of the Academy of Natural Sciences, of the Geological Society of Pennsylvania and of the Philosophical Society of Ohio, began this workbook in 1831. The general title-page, "Monographs of the several genera of terrestrial and fluviatile shells of the United States, with other malacological mema . . ." is followed by a later one, "A Monograph of the Cypraeidae, Feb, 1832" near the back of the book. Between the two are transcripts of six writings on conchology. L. S. Frierson of Shreveport, La. considered this workbook an "autographic list of the shells in Poulson's collection".

Gift of L. S. Frierson, Sept. 27, 1929. \*Coll. 161

ABBOTT, CHARLES CONRAD, 1843-1919. Papers, 1895-1915. 150 letters and 165 loose pages.

This American naturalist as a young man was active at the Academy of Natural Sciences, publishing scientific treatises on fishes, birds and related subjects. Later he turned to popular and juvenile writings about nature. Concurrently many archaeological treatises appeared under his name.

During his most prolific period as a popular writer, he carried on a lively correspondence with Mrs. Julia Stockton Robins of Haverford, Pa. Essentially these letters signed by Abbott form a diary of his field observations near Trenton, N. J. and the progress of his writing and publication arrangements, 1895-1900. Included are a few pages of Abbott's reminiscences written in 1915 and copied by H. W. Fowler, giving a summarized history of the home farm, "Three Beeches," where his popular works were prepared.

Gift of Henry W. Fowler, who salvaged them. The letters to Mrs. Robins were a part of the papers purchased by C. M. B. Cadwalader from Mrs. Witmer Stone after her husband's death. Coll. 162

SAY, THOMAS, 1787-1834. Writings, 1817-27. 80 items.

Mostly published in the *Journal*, 1st ser., Academy of Natural Sciences of Philadelphia; a few not located in letterpress. Much editing appears to have been done, when the texts are compared with the publications, and for this reason retained in the manuscript collection.

Donated, in part, by Mrs. Lucy Say, with her husband's library and collection, in 1835. \*Coll. 163

REDFIELD, JOHN HOWARD, 1815-1895. Correspondence, 1846-98. 418 items.

The letters are mostly addressed to Redfield, with a scattering of penciled replies, but a few are written to Thomas Meehan or Isaac Martindale. Affairs of the Botanical Section and increase of the herbarium, with correspondence of exchange and purchase of ferns for Redfield's personal collection and observations about geographical distribution of plants are treated. Acceptances and regrets for the botanical reunion held during the 1844 Philadelphia meetings of the American Association for the Advancement of Science are included.

Archived from the Botanical Department in 1955.

\*Coll. 164

Signers:

Allen, T. F. 1884; Apgar, Austin C. (2) 1884-98; Arthur, J. C. (3) 1884-94; Austin, C. F. 1873; Austin, R. M. 1878; Backlund, Knut (2) 1894; Bailey, L. H., Jr. (2) 1884-88; Bailey, Wm. Whitman, 1884; Barnes, C. R. 1884; Barnes, Kate (2) 1876-77; Barstow, J. W. 1884; Bates, George L. (3) 1894; Beal, Wm. Jas. (3) 1884-87; Bebb, M. L. (6) 1878-86; Bebb, Mrs. 1885; Bennett, James L. 1881; Bessey, C. E. 1884; Bicknell, Eugene P. 1884;

Bodley, Rachel R. (2) 1874-82; Bouvé, Thomas T. 1884; Boyd, (Miss) E. S. n. d.; Brackenridge, W. D. (2) 1867-90; Brandegee, Townshend S. (3) 1871-92; Brewer, Wm. H. 1868; Briggs, Fanny E. 1894; Brinton, J. Bernard, 1882; Brinton, Eliz. G. (Knight) (3) 1886-92; Brinton, N. L. (4) 1884-87; Brown, Addison, 1879; Brown, J. Edine, 1891; Brown, James S. (2) 1884; Brownne, Robt. H. 1866; Browning, G. W. 1876; Buchanan, John (2) 1872-73; Buckhunt, Wm. A. 1884; Buckley, S. B. 1881; Burtlehaus, F. H. 1895; Butler, Geo D. 1877;

Canby, Wm. M. (2) 1884; Candolle, Alph. de, 1886; Chace, A. H. 1884; Chickering, J. W. 1880; Collins, Frank S. 1889; Colman, Norman J. 1886; Congdon, Ernest A. 1884?; Cooper, Emily, 1884; Cooper, Sarah P. 1878; Cooper, The Misses, 1884; Cope, Mary S. 1884; Corson, Hiram, 1884; Coues, Elliott, n. d.; Coulter, John M. (3) 1876-83; Cooley, Grace E. 1892; Coville, Fred V. (3) 1886-93; Cowles, S. N. 1869; Curran, M. K. (2) 1884-85; Curtiss, A. H. (2) 1871-80; Darlington, (Miss) S. P. 1875; Davenport, Geo. E. (4) 1874-83; Day, John, 1881; Day, Richard H. 1887; Day, Walter, 1884; DeLaCour, Joseph L. 1884; Dinwiddie, Robt. 1884; Downs, Annie S. 1889; DuBois, Eugenia, 1884;

Eaton, Daniel C. (2) 1871-84; Eckfeldt, John W. n. d.; Edwards, Wm. 1873; Eggert, H. 1877; Engelmann, Geo. (2) 1878-80; Ernst, A. (2) 1877-78; Fairbank, S. B. 1871; Farlow, W. G. 1876; Faxon, C. E. 1874; Faxon, Edwin, 1892; Faxon, Walter, 1872; Fendler, Aug. 1863; Fernald, Merritt L. 1891; Fitzgerald, P. H. 1881; Fletcher, James, 1884; Foote, A. E. 1884; Fuller, Andrew S. 1884; Garber, A. P. (2) 1879; Gerard, W. R. (3) 1876-84; Gifford, Mrs. H. S. (2) 1880; Gilbert, Benj. D. (2) 1866-79; Goodall, G. D. (2) 1880-81; Gray, Asa, 1884; Green, Traill, 1884; Greene, Edward (2) 1880-88; Gregory, Emily L. (6) 1887-88; Greville, R. K. (2) 1853-56; Griffith, J. P. Crozer, 1878;

Hageboom, Chas. L. 1894; Haines, Flora E. 1884; Hall, Elihu, 1873; Hall, Isaac H. 1866; Hanberry, F. J. 1889; Harvey, F. L. (3) 1886-87; Heller, A. A. 1891; Hilgard, E. W. 1884; Hitchcock, R. 1884; Hitchings, E. H. (2) 1874-84; Hollick, Arthur, 1884; Holm, Theo. (4) 1894; Holton, I. F. 1876; Hoopes, Josiah (5) 1866-86; Howell, A. H. 1884; Hunt, George, 1886; James, J. F. 1884; James, T. P. (2) 1862-68; Jellett, E. C. (3) 1888-94; Jessup, H. G. 1875; Johnson, (Miss) A. M. 1884; Jones, H. L. 1869; Jones, M. E. 1879; Keller, I. A. 1892; Kellerman, W. A. 1884; Kleeberger, G. R. 1877; Kunze, R. E. 1884;

Lamborn, R. H. 1880; Lapham, I. A. 1867; Lawson, George, 1885; Leffmann, Henry (2) 1877-78; Leggett, W. H. (4) 1872-80; Lemmon, J. G. 1880; LeRoy, P. V. (2) 1874-78; Lewis, G. A. 1883; Lewis, M. V. n. d.; Lyell, K. M. (4) 1869-82; Lyman, H. H. 1884; Macfarlane, J. M. (4) 1893-94; Maclorkin, George, 1884; Mann, Horace, 1865; Marcy, Oliver, 1884; Martindale, I. C. 1883; Meehan, Thomas, 1884; Merriam, J. S. 1871; Miller, E. S. (2) 1872-84; Monks, S. P. 1877; Morong, Rev. Thos. (3) 1878-92; Moyer, I. S. 1879; Mueller, Ferd. von, 1886; Muir, John (2) 1875-76; Munson, T. V. 1892; Murill, F. J. H. 1884; Murphy, A. R. 1888; Myer, Isaac, 1893; Myers, F. J. (2) 1880;

Nash, G. V. 1895; Newberry, J. S. 1886; Nuttall, Tho. 1846; Owen, (Mrs.) M. L. 1886; Paine, J. A., Jr. 1866; Palmer, Edward (3) 1881-87; Palmer, T. C. 1893; Parish Bros. 1882; Parish, W. F. S. 1884; Parkhurst, V. P. 1875; Parry, C. C. (3) 1872-79; Peck, C. H. 1884; Penhollow ?, D. P. 1884; Porter, T. E. (6) 1879-88; Post, A. C. (2) 1878-79; Post, G. E. (7) 1877-78; Prestoe, Henry, 1867; Pringle, C. G. (2) 1883-94; Pyle, T. Y. 1894;

Rau, E. A. 1884; Rawson, Rawson (2) 1866-67; Redfield, J. H. (13) 1878-93; Reynolds, M. C. (2) 1878-79; Rex, F. C. 1893; Rhoads, C. N. 1884; Ridler, C. E. 1884; Robeson, J. I. 1887; Robinson, B. L. (5) 1892-94; Robinson, John (2) 1881-84; Rothrock, J. T. (4) 1877-92; Roviroso, J. N. (27) 1888-94; Rudkins, W. H. 1884; Rusby, H. H. (6) 1883-94; Rusby, W. S. 1887; Ruschenberger, W. S. W. (2) 1881-84; Rust, M. O. 1878;

Sandberg, J. H. (5) 1885-93; Sargent, C. S. (3) 1879-87; Schäffer, Charles, 1884; Schimmel, J. O. n. d.; Schimper, A. L. W. 1881; Schrenk, Jas. 1884; Scribner, F. L. (2) 1884-91; Shoemaker, (Miss) M. W. 1884; Shriver, Howard, 1892; Siler, A. H. 1875; Small, J. K. (2) 1891-92; Smith, A. H. 1887; Smith, C. E. (4) 1867-92; Smith, J. D. (2) 1886-93; Smith, J. J. (2) 1866; Sprague, Isaac, 1891; Stevens, G. T. 1884; Stevenson, W. C., Jr. 1883; Stone, (Mrs.) Seander (?) 1884; Stowell, W. A. (3) 1887; Sturtevant, E. L. 1884; Suksdorf, W. N. (2) 1882-83;

Tatnall, E. C. 1884; Taylor, G. W. 1875; Taylor, W. B. 1884; Thistelton-Dyer, W. T. (5) 1889-93; Thomas, J. J. 1866; Thurber, George (2) 1864-66; Torrey, John (2) 1869-72; Treat, Mary, 1884; Trelease, William (3) 1884-92; Tweedy, Frank, 1883; Underwood, L. M. (2) 1891; Vasey, George (7) 1878-91; Wall, G. L. 1884; Ward, L. F. 1884; Watson, Sereno, 1884; Watt, D. A. P. (3) 1870-84; Wibbe, J. H. 1879; Williams, C. B. 1886; Williamson,

## Coll. 164 (cont.)

John (4) 1882; Willis, O. R. 1875; Wolcott, H. L. T. n. d.; Wright, Charles, 1872; Young, A. H. 1875.

CRAWFORD, JOSEPH D., 1858 - Journal of a botanical trip, 1900? 1 item.

This undated personal account of a three-day trip between Philadelphia and Hamburg, Pa. presents a kaleidoscopic picture of the scenery and plants of the Blue hills, the railway traveling conditions and hotel accommodations of the time. The personnel consisted of J. Bernard Brinton, Ida A. Keller, Benjamin Heritage, Chas. D. Lippincott, Louis Schmidt, Henry Bachman, Witmer Stone, Amos P. Brown, and Stewardson Brown, Albrecht Jahn and J. D. Crawford. The group names indicate an outing of the Philadelphia Botanical Society which was most active in field trips around the turn of the century.

A 14 page account, unsigned but identified by H. W. Fowler as the writing of Crawford. Deposited by the Phila. Bot. Society, 1959. Coll. 165

LEIDY, JOSEPH, II, 1866-1933. Papers, 1889-1932. 96 items.

Physician nephew of Prof. Joseph Leidy, he began this biography of his uncle, but left it unfinished at his death. The papers include three drafts covering the years 1823-69: (1) a short 18-page preliminary account (2) typescript record of 373 pages (3) a revised copy of 202 pages, deposited by the College of Physicians of Philadelphia.

Many letters by Joseph Leidy, I, to F. V. Hayden, S. F. Baird and F. B. Meek have been copied, in part, in the text of the biographies.† E. D. Cope's criticism of 1869, with the letter by Prof. Newberry in defense, with Henry Osborn's correspondence about the controversy are included. Four letters by Joseph Leidy, II, to Joseph K. Corson, about his uncle's papers and 85 letters addressed to Joseph Leidy, II, complete the collection.

Gift of the author, of Philip Ludwell Leidy and others.

\*Coll. 166

Signers:

Abbott, A. C. 1912; Agnew, (Mrs.) M. C. n. d.; Ainsworth, F. C. 1904; Atwood, Wallace W. 1915; Autun ?, D. 1903; Babcock, Wm. R. 1893; Bell, Robert, 1903; Brock, R. W. 1909; Bronte, M. 1911; Calkins, Garn N. 1912; Carleton, T. 1924; Cattell, J. M. 1932; Chapman, Henry C. (2) 1902-04; Clarke, John M. 1922; Cope, Porter F. 1920; Cushing, Harvey, 1925; DaCoste, J. M. (2) n. d.; Dercum, F. X. 1924; Dolley, Charles S. (2) 1932; Furness, W. H. 3d, 1924;

†On deposit from the College of physicians, in part. A check of the inclusions shows that the letters are not copied in their entirety, but paraphrased, translated or otherwise changed by the biographer. The letters are, in part, to be found at the Smithsonian Institution, a microfilm of which is filed at the Academy.

Garrison, F. H. 1916; Gentry, E. R. 1917; Gley, S. (2) 1903-11; Gook, A. 1903; Gould, Julia N. 1903; Hague, Arnold, 1912; Harris, B. F. 1889; Herzenbraun, Van Nuffel, 1912; "John", 1914; Kenshaw, Samuel, 1903; Kinpford ?, H. S. 1906; Leffmann, Henry, 1914; Leidy, Joseph, II. (15) 1902-11; Lutz, Frank E. (2) 1912-16;

MacVeagh, Wayne, 1892; Marean, Emma E. 1909; Middleton, Wm. S. 1923; Mitchell, Langdon, 1917; Mitchell, P. Chalmus, 1910; Mitchell, S. Weir (2) 1904-09; Montgomery, Thomas L. (2) 1902-15; Moore, J. Percy, 1912; Morris, J. Cheston (2) 1897-1909; Mosenthal, Johanna K. 1910; Nicholson, J. P. 1909; Nolan, E. J. 1909; Osborn, Henry F. (2) 1902-17; Powel, Mary Edith (5) 1895-1910; Rizer, H. C. n. d.; Stiles, C. W. (2) 1909-12; Sunter ?, Allen J. 1911; Walcott, Chambers (2) 1917; Warren, Charles D. 1892; Wharton, Anne H. 1923; Willcox, Joseph, 1918; Wyman, Mary M. 1903.

GORDON, SAMUEL GEORGE, 1897-1952. Expeditions, 1921-49. 32 items.

In his endeavor to build and improve the condition of the Academy's collection of minerals, Gordon concentrated on the local scene, encouraging amateur groups to participate. Later, he wanted to increase the Vaux collection, so studied the possible collecting localities in the world where good material could be found to round out the Academy's holdings. His projected expeditions were planned for years ahead, each season finding him initiating something new.

His five major trips for the Vaux collections are: (1) To the Andes of Peru, Bolivia and Chile, 1921 (2) Julianehaab District of Greenland, 1923 (3) To Bolivia and Chile again, 1925 (4) To the Bolivian Andes and across to Africa, where he worked in the Belgian Congo and in the Transvaal (5) Atacama Desert of northern Chile. These have been referred to collectively as the Vaux Expeditions.

Many minor trips were made, this manuscript collection including notes and general information about several, and containing letters, lists of specimens, cost estimates, arrangements and accounts.

Archived from the Mineral Dept. in 1952.

\*Coll. 167

Signers of letters and documents:

Bell Asbestos Mines, Ltd. 1948; Cadwalader, C. M. B. (2) 1938; Faust, George T. 1947; Gordon, S. G. (7) 1938; Griffiths, J. C. 1948; Headden, Helen, 1946; Muehleck, Ernest (3) 1948; Nichols, W. T. 1948; Peddar, T. W. 1938; Rehn, J. A. G. (2) 1929-30; Roos, George A. 1945; Syme, John P. 1949; Whinfrey, C. G. 1949.

BROWN, STEWARDSON, 1867-1921. Papers, 1882-1906. 79 items.

A businessman by training and a botanist by inclination, he gave up his position with the Lehigh Valley Railroad in 1902 to become the first curator

of the herbarium to be formally appointed in the Academy of Natural Sciences of Philadelphia. With Ida A. Keller, he published a book on the "Flora of Philadelphia and vicinity," but devoted most of his time to improving the herbarium, particularly by collecting in various parts of the world (Florida, Alberta, Venezuela). This collection includes his botanical correspondence and a manuscript catalog of his private herbarium, as well as such personalia as his school reports from the Germantown Academy, 1883-1884, news clippings, an announcement of his forthcoming book and letterpress copies of The Gossip, v. 1, no. 4, Sept. 10, 1881 and The Linnaean Fern Bulletin, no. 8, n. d.

Gift from Stewardson Brown's family, 1956.

\*Coll. 168

Signers:

Brinton, J. Bernard, 1892; Britton, Nathaniel Lord (5) 1892-95; Brown, Stewardson, 1894; Burtlehaus, F. H. 1895; Crawford, Joseph (6) 1892-94; Harshberger, John W. 1893; Heller, A. A. 1896; Herbst, William (2) 1893-95; Heritage, Benjamin, n. d.; Kimball, C. W. 1895; Lamson-Scribner, F. 1891; Leeds, Arthur N. 1894; Lippincott, Charles D. (4) 1893-95; MacElwee, A. 1894; Macfarlane, John M. 1893; Meehan, Thomas (7) 1895-96; Palmer, T. Chalkley (2) 1896; Porter, Thomas C. 1894; Robinson, B. L. 1896; Rose, J. W. 1899; Rusby, H. H. 1893; Stone, Hugh (2) 1895; Stone, Witmer (30) 1892-1906.

WILSON, THOMAS BELLERBY, 1807-1865. Papers, 1830-63. 133 items.

Physician, naturalist, and philanthropist, Wilson was perhaps the most important donor of books, museum collections and financial aid in the history of the Academy. He was one of the founders of the Entomological Society of Philadelphia, later to become the American Entomological Society, and also one of its chief benefactors. He was a naturalist of unusually wide interests. This lot contains correspondence, a variety of personalia, lists of books donated to the Academy's library and certificates of his membership in four scientific societies.

From the American Entomological Society; the official correspondence of the Academy; Mrs. Alfred L. Mathias and from Mr. and Mrs. William A. Price; and from the University of Delaware, 1959.

\*Coll. 169

AUSTIN, COE FINCH, 1831-1880. Annotations and Comments, n. d. 3 items.

A New York state botanist, interested in mosses and ferns, Austin was successively lecturer, teacher, collector, landscape gardener and once curator of plants for John Torrey at Columbia University. His collecting was done primarily in Central New York, New England and New Jersey. In L. D. von Schweinitz' Specimen Florae Americae Septentrionalis Cryptogamicae, 1821, on page 8, he writes: "I have on the margins, under Schweinitz's name placed what I conceive to be the correct names of the species as represented in Herb. Torrey," signed C. F. A. Two short writings are inserted:

(1) "Schweinitz's Hepaticae," (with explanatory notes to numbers 2-58 in part) and (2) "Hepaticae in Herb. Torrey."

From the Botany Department, 1956.

Coll. 170

BOND, FRANCIS EDWARD, 1870-1923. Botanical field notebook, 1911. 3 items.

Collector who financed an Academy expedition to Venezuela, accompanied by Stewardson Brown and Thomas S. Gillin. The Botanical specimens were mostly from the area around the mouth of the Orinoco River. This record carries 264 entries, dated Jan. 16-Mar. 13, 1911, with localities noted.

These entries are set on alternate lines, with identifications written in by F. W. Pennell. The material was given to the Academy (now accessioned as nos. 560,820 to 561,080 inclusive) by F. E. Bond. Two letters, 1910-11, refer to a series of Venezuelan birds collected at the same time, and likewise donated to the Academy.

Coll. 171

NUTTALL, THOMAS, 1786-1859. Biographical papers, 1861-1937. 10 items.

Born in Scotland and educated as teacher, botanist and horticulturist, Nuttall moved to Philadelphia in 1807. He was closely connected with the Academy of Natural Sciences and made various extensive collecting trips to the West, one with John K. Townsend to the Columbia River. Later he spent some time at Harvard with Asa Gray then returned to Scotland to occupy his family estate. In this collection are two articles which appeared in the early series of the Journal in 1825 accompanied by three pencil drawings. One of these plates is signed by J. Whitfield but the other two may logically be assigned to Nuttall. Of the biographies, an extensive one by Francis W. Pennell, 1937, a typewritten transcript of W. L. Jepson's copy from Kew Gardens Biographical Separates, 1930, Elias Durand's Biographical notice of six pages, and a reproduced copy of John Battersby's account from the Settle Chronicle and North Ribblesdale Advertiser, 1861, no. 85 are present.

Nuttall's writings were archived from the Academy's Publication Committee papers and the biographies deposited with F. W. Pennell's effects.

Signers:

\*Coll. 172

Pennell, F. W. 1937; Battersby, John, 1861; Durand, Elias, 1860; Jepson, W. L. 1930.

AUDUBON, JOHN JAMES, 1785-1851. Papers, 1831-1950. 173 items.

Document signed by 18 members nominating Audubon for corresponding membership to the Academy September 28, 1831; holograph article for the Proceedings v. 6, 1852, p. 114; biographical information amassed by McCready Huston; and photographs of the Havel Establishment in London, where some of Audubon's plates were made for his elephant folio of American Birds. Correspondence and documents for the National Exhibition in 1938 and other papers. Gift in part, 1950.

\*Coll. 173

Signers:

Chestnik, Barney; Huston, McCready.

CRYSTALLOGRAPHICAL SOCIETY OF AMERICA. Papers, 1948. 13 items.

Inaugural papers dealing with the formation, aims, first officers and members of the Society in Joint Meeting with the American Society for X-ray and Electron Diffraction, in which S. G. Gordon, then curator of minerals at the Academy played a prominent part.

Archived with Gordon's papers in June 1957.

Coll. 174

JOSEPH LEIDY FAMILY. Papers and genealogy, n. d. 5 items.

The manuscript pages of vital statistics are in the Leidy family Bible, once belonging to Joseph Leidy and retained for genealogical reference. Included in this collection are news clippings of the Mellick family (Joseph Leidy's maternal grandmother's name), and photostatic copies of the genealogy of the Leidy family, biography of Philip Leidy and of Joseph Leidy, 2nd.

Gift of Philip L. Leidy, 1944 and of his sister, Mrs. J. Hamilton Cheston, Apr. 9, 1956.

Coll. 175

CRAWFORD, JOSEPH D., 1858 - Papers, n. d. 3 items.

This druggist and amateur botanist became interested in the flora of New Jersey while in business in Tuckerton. Having moved to Philadelphia and been elected an Academy member, in 1891, he became associated with J. Bernard Brinton in botanical outings. Through Brinton, he became interested in the Botanical section and with him was a founder of the Philadelphia Botanical Club. As chairman of the Botanical Committee of the Pennsylvania Pharmaceutical Association he upheld the plan to make a checklist of Pennsylvania plants. Two writings, "Welsh Mountain (Chester County area) Flora" and "Panama Plants" are included.

From Botanical Department 1956 and 1958.

Coll. 176

ANSP. COLLECTIONS - ARCHAEOLOGICAL. Papers, 1853-1928. 29 items.

The three-volume accession lists (nos. 1-29,759) of ethnological and archaeological materials of the Academy's collection close with the 1928 entries. This is not a complete record of the receipts, as various specific donations were entered separately and accompanied the specimens when transferred from the Academy. The papers include documents, letters and notes, with lists of special donations and of subscribers for particular desiderata, such as the S. G. Morton crania collection, also a series of 12 photographs of Peruvian artifacts belonging to the Wm. S. Vaux collection, Jan. 1867, has been added.

Coll. 177

LEIDY, JOSEPH, 1823-1891. Writings. 46 items.

The series represents scientific articles published in the Academy's

Proceedings. Retained as examples of the author's techniques in preparing manuscripts for publication.

Gift of the author, 1845-56.

\*Coll. 178

ANSP. Accounting records, 1826-1919. 1,727 items.

General correspondence, accounts, receipts, statements, and reports of investments; canceled checks, checkbook stubs and papers concerned with the handling of Academy financial affairs as reported by the Pennsylvania Company, Western National Bank, Logan Trust Company, Girard Trust Company and the Trust Company of North America are all to be found in this collection.

Archived from the library and the attic in 1955.

\*Coll. 179

G., C. de. Illustrations, 1858. 13 items.

A series of illustrations of vertebrate fossils, part photographic, showing special features or structures, entitled "Bad Lands, 1858".

Donated, in part, by W. G. Binney.

Coll. 180

ASHMEAD, SAMUEL, fl. 1839-1864. Index of Marine Algae, 1839-57. 2 items.

Elected a member of the Academy in 1839, Ashmead was active in its affairs for many years, being curator, member of the publication committee and auditor at various times. A Philadelphia algologist, he was closely connected with the botanical department to which he bequeathed his collection of algae. This index devotes 118 pages to the genera, followed by catalogs of algae from specialists, namely Dr. Watson, Dr. Diesing of Vienna, Dr. Tanardini of Venice and Prof. Harvey of Dublin. Lists of collections made by Ashmead and Townsend Yearsley at Beesley's Point, N. J. complete the papers.

Gift of the author, 1864 ?

Coll. 181

ANSP. BUILDING OF 1839. Documents and papers, 1837-55. 51 items.

The building was erected at the corner of Broad and George Streets, plans being started for it in 1837 and the building dedicated on May 25, 1839. The papers include plans of the various Academy members, a committee report to William Maclure, copies of the Morton-Maclure correspondence regarding the plans, with Maclure's suggested changes and enlargements dating from 1837-39,† various records pertaining to the enlargement of the building, 1847-55 and finally, the corner stone contents of the 1839 building which were returned to the Academy in 1903.

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†The original of this correspondence is on file in the American Philosophical Society's manuscript collection.

The items have been collected from various archival sources and assembled in 1960. \*Coll. 182

Signers of documents and letters:

Bridges, Robert (6) 1847-55; Carpenter, George W. (2) 1853-55; Fisher, James C. n. d.; Goddard, P. B. 1839; Holden, Isaac, 1837; MacEuen, Thomas, 1837; Maclure, William (14) 1837-39; Morton, S. G. (4) 1837-47; Pearsall, Robert (2) 1839; Pickering, Charles (2) 1837; Vaux, W. S. (4) 1839-55; Wetherill, J. P. (2) 1837-39; Wilson, T. B. (3) 1847-55; Zantzing, William S. (2) 1849-53.

CATALOGUE DE COQUILLES, n. d. Stylograph. 1 item.

This seven-page account, "Catalogue de Coquilles marines, terrestres et fluviatiles de l'Hotellerie a Alexandrie (Egypte)" is unsigned and undated.

Provenance unknown, from a volume of tracts which had been bound by the Academy's library many years ago. Coll. 183

SHACKLETON ANTARCTIC EXPEDITION, 1906-07. Photographs. 46 items.

The official name of this expedition is, "The British Antarctic Expedition, 1906-07." These photographs are mounted on heavy boards 30 x 23 cm. The pictures include photographs of personnel, activities of the party on water, land and ice, their ship, their longboats, their dogs and the animals seen in Antarctica. Many others pertain to the topography of the area, to icebergs, ice floes and glaciers.

Donated to the Academy in 1915 by J. H. McFadden. Coll. 184

NORTH AMERICAN PHILLIPS CO., INC. Spring course in X-ray, 1947-49. 14 items.

The specific subject of this course had to do with diffraction and spectrometry. The papers explain the projected course, list the attendance from the New York City area and present a special register of the attendance for the entire session as well as correspondence with Samuel G. Gordon, curator of Minerals at the Academy. He was invited to participate as lecturer at this time.

Received from S. G. Gordon's file, 1957. Coll. 185

HUBER, WHARTON, 1877-1942. Huber-Stone Correspondence, 1875-1949. 2,340 pieces.

The correspondence found in the Department of Vertebrates is in part signed by Wharton Huber and in part by Witmer Stone, and pertains to the administration of the Department for the years included. It has been as-

signed under Wharton Huber's name to distinguish it from the Stone correspondence which treats the history of ornithology.

The signers number 643 and the items have been calendared thru the letter "L".

Coll. 186

The signers:

Abbott, Clinton G. 1934; Abbott, Gertude, 1925; Abbott, William L. (3) 1930-35; Akeley, Mary L. Jobe, 1939; Albrecht, C. J. (6) 1927-28; Aldrich, John W. 1935; Alexander, Mary C. B. n. d.; Allen, Arthur A. (3) 1929-37; Allen, Glover M. (17) 1931-38; Allen, Robert P. 1937; Anderson, R. M. (6) 1931-34; Anthony, A. W. (2) 1893-94; Anthony, H. E. 1933; Anthony, R. D. 1937; Archer, G. F. 1919; Argerich, Juan A. 1914;

Bacon, H. M. (6) 1912-27; Bailey, A. M. 1931; Bailey, J. W. 1927; Bailey, Vernon (2) 1936-38; Baird, S. F. 1854; Baker, Fred, 1920; Ball, Wm. H. 1929; Barber, Edwin Atlee (5) 1902-15; Barbour, Thomas (10) 1928-37; Barringer, D. Moreau, Jr. 1935; Bartow, Henry B. (4) 1903; Bartsch, Paul, 1937; Bates, George L. 1930; Bates, William N. 1934; Baumgartel, Arthur G. (3) 1928-31; Beecher, C. E. 1899; Bender, R. O. 1930; Benham, William B. 1929; Benson, R. Dale, Jr. (5) 1929-35; Bent, A. C. 1936; Biddle, Thomas (3) 1904-05; Biddle & Ward (3) 1904; Blayney-Percival Collection (3) 1929-32;

Bond, James (5) 1926-29; Borton, George Wills (2) 1928-33; Bouchelle, Theodore W. (4) 1920-30; Bowen, Wilfred Wedgewood (7) 1929-35; Brock, (Mrs.) Arthur (2) 1936; Brown, C. Emerson, 1914; Brown, Lewis P. (2) 1934; Brown, Otway H. 1939; Brown, Wilmot W. 1930; Browning, (Mrs.) Edward (4) 1926; Bryant, Henry G. 1932; Buck, Warren E. 1934; Buckle, C. E. (4) 1927-28; Bull, D. Bernard (5) 1930; Burgin, Herman (2) 1928; Burnet, R. M. 1933; Burns, F. L. 1932; Burt, William H. (3) 1935-36; Burton, E. Milby (4) 1930-38; Butler, A. L. 1932; Butler, Elmer G. 1934; Butler, Frank D. (3) 1915; Butterfield, Roger, 1938; Bye, Raymond Taylor, 1928;

Cadwalader, Charles M. B. (69) 1923-40; Cadwalader, W. B. 1936; Calvert, Marguerite H. 1928; Camac, C. N. B. 1903; Carlton, Marshall G. 1937; Carriker, A. M., Jr. (33) 1913-36; Carter, G. N. (2) 1935; Carter, John D. 1928; Carter, John Pim, 1938; Castner, Samuel J. (2) 1936; Chamberlain, E. B. (2) 1933-38; Chapin, James P. (10) 1923-29; Chapman, Ellwood B. 1931; Chapman, F. M. (2) 1926-32; Chase, Agner (2) 1921; Chatfield, W. H. 1929; Cheyney, Julia, 1939; Choate, Ernest A. 1937; Clair, Clara Jessie, 1929; Clancy, Michael J. (2) 1922; Clark, C. M. (2) 1926; Clarke, James K. 1903; Cluff, Hyrum A. (6) 1902-04;

Cobb, Marion Coyne, 1940; Collins, Alfred M. (5) 1929-30; Compton, J. Clifford (2) 1939; Conant, Roger (4) 1938-40; Conklin, E. G. (2) 1934; Cook, Fannye A. 1940; Cooke, M. T. 1931; Coolidge, Harold J., Jr. (4) 1932-38; Cope, E. D. (2) 1898-1903; Cope, F. R. (5) 1929-36; Corkran, W. W. 1935; Corson, Edward R. 1938; Corwin, Margaret T. 1921; Cousley, H. J. (2) 1920; Covell, Paul F. (3) 1927-32; Cowan, Ian McTaggart (6) 1927-39;

## Coll. 186 (cont.)

Coxey, W. Judson (2) 1909-31; Craigie, E. Horne, 1934; Crosby, S. L. 1894; Croskey, John Welsh (7) 1922-23; Crowl (Mrs.) L. Leon, 1939; Cruickshank, Allan D. 1939; Cuntz, H. F. (3) 1935-36; Cutright, Paul Russell, 1941; Cuyler, W. Kenneth, 1929;

Dale, Bonnycastle, 1927; Daley, Mary Wood (2) 1930; Davies, D. C. 1926; Davies, William Harper, 1930; Degerbol, Magnus, 1938; Delacour, Jean, 1929; Dervedde, K. 1933; deSchauensee, R. M. (2) 1924-28; Dickey, Donald R. 1935; Dickey, H. S. 1931; Dille, Fred M. (2) 1929; Doane, Ernest (2) 1934-36; Dolan, Brooke, 1938; Donaldson, Henry R. 1936; Douth, J. Kenneth (2) 1933-38; Dove, Robert, 1934; Drinker, Harry (7) 1930-31; Drummond, James, 1934; Dunn, Emmett R. (3) 1929-33;

Eaton, Howard (2) 1904; Edge, (Mrs.) C. N. 1930; Ehrenfeld, Frederick (2) 1925; Ehret, C. D. 1937; Eigenmann, C. H. 1907; Elliott, William R. (2) 1894; Emlen, John T., Jr. 1934; Enders, Robert K. (3) 1937-40; Ervin, E. G. (4) 1898; Evans, J. P. V. 1929; Evans, Thomas (2) 1931;

Fachenthal, B. F., Jr. 1920; Farquharson, Robert A. 1931; Faset, W. F. 1932; Feathers, Dawson A. (6) 1936-38; Fenton, Beatrice, 1927; Firth, Rosanna T. (4) 1923-25; Fish, Harry A. 1939; Fitz, Grancel, 1937; Flemming, J. H. (5) 1931-34; Fletcher, John F. Stanwell (2) 1939-40; Flowers, Philippe, 1928; Ford, (Mrs.) Henry A. 1893; Forman, Bernard, 1935; Fowler, Henry Weed (8) 1921-30; Francine, Jacques, 1935; Frayzur, Frank Hall, 1938; Freund, Rudolf, 1937; Friedmann, Herbert (8) 1929-35; Fryklund, P. O. (3) 1926-27; Fulweiler, J. H. 1936;

Gamon, Anne Patterson (2) 1930; Gee, N. Gist (4) 1923-27; Gerger, Christina, 1931; Gerstell, Richard, 1939; Geeres, J. Kenneth, 1935; Gilbert (Mrs.) John J. 1921; Gillin, James R. 1927; Gilmore, Walter (2) 1928; Gilpin, Vincent (2) 1928; Given, Ellis E. W. (2) 1937; Glass, S. C. 1929; Gloyd, Howard K. 1938; Gordon, Seth E. 1927; Graf, J. E. 1932; Gray, Prentiss N. (7) 1927-31; Green, Harold T. (9) 1921-37; Green, Morris M. (2) 1927-36; Greenman, Milton J. (9) 1907-27; Gregory, William K. 1924; Grinnell, Joseph (10) 1925-39; Griscom, Florence Conrad (3) 1929; Griscom, Ludlow (4) 1929-35; Groskin, Horace, 1938; Grubb, M. S. 1939; Grun, Hermann, 1935; Günther, A. 1894;

Haimbach, Frank, 1928; Hall, E. Raymond (4) 1934-37; Hallahan, John W. 1932; Hamilton, William J., Jr. 1937; Harbeck, H. S. (4) 1920; Hardenberg, C. B. 1912; Harkin, J. B. 1936; Harper, Francis (9) 1935-37; Harris, Montgomery, 1929; Harris, William P., Jr. 1935; Harrison, George L. (9) 1905-36; Harrison, J. L. 1921; Harrison, Joseph (2) 1934; Harrison, DeSales, 1937; Harrison, Theodore L. 1932; Harrower, David E. (3) 1922-23; Hart, Frank (3) 1927-30; Haslam, Greville (5) 1927-39; Hastings, L. W. 1903; Hatt, Robert T. (4) 1929-33; Hays, I. Minis, 1921; Hebard, Charles S. 1893; Hebard, Daniel L. (7) 1928-39; Hebard, Morgan (2) 1929; Henderson, Margaret W. 1939; Henshaw, Samuel (2) 1919; Higgins, Andrew, n. d.; Higgins, Mortimer L. J. (10) 1925-28; Hill, Julian W. 1935;

Hoff, Clayton M. 1938; Holmes, Walter, W. n. d.; Holman, John P. 1936; Holt, Ernest G. 1935; Holzworth, John M. 1931; Hood, James E. 1903; Hoopes, Josiah (9) 1898-99; Houghton, George H. (2) 1937; Howard, Leland Ossian, 1932; Howell, A. B. (6) 1926-36; Howell, A. H. (8) 1937-39; Howland, R. H. 1923; Huber, Wharton (28) 1922-36; Huffnagle, John (2) 1910; Hughes, A. E. 1932; Hull, Archie V. 1932; Hutchinson, R. H. (2) 1920; Ingham, George Albert, 1933; Jacot, E. C. 1933; Jillson, Willard Rouse (3) 1927-28; Johnson, H. B. (2) 1921-22; Jolliffe, Fred, 1937; Jonas, Louis (2) 1935; Jones, William H. 1875; Jordan, David Starr (2) 1923;

Kaempfer, Emil, 1932; Kahmar, William W. 1930; Keeley, F. J. 1917; Keen, Henry M. 1930; Kellogg, Remington (3) 1936-38; Kennard, Frederic H. (6) 1928-29; Kissinger, Walter C. (2) 1926; Klauber, L. M. 1929; Knapper, Phoebe, 1933; Knight, Charles W. R. (4) 1928-31; Knight, Edward C. 1923; Komarek, E. V. 1938; Krogman, W. M. 1938; Krotch, Hemond, 1936; Kuroda, Nagamichi (12) 1929-37;

Laguna, Frederica de (2) 1933; Laing, Hamilton M. (5) 1930-39; Larzelere, J. S. (2) 1929; Lawrence, Caroline T. (3) 1929; Lawrence, N. T. 1929; Lee, E. E. (3) 1936; Leeds, Arthur N. 1936; Lefevre, Rufus H. (3) 1927-29; Lehman, A. L. (2) 1899; Leibbrandt, Charles, 1938; Leighton, A. O. 1927; Lewis, J. Morris (2) 1913; Lincoln, Frederick C. (4) 1927-35; Lindsay, Wm. H. 1923; Lippincott, Joseph W. (8) 1933-40; Littlejohn, Chase (4) 1929-30; Livingston, Philip A. 1936; Lloyd, Hoyes (8) 1926-37; Loch, E. Erskine (2) 1937; Long, W. S. 1936; Loveridge, Arthur (5) 1923-34; Lovering, Gilpin, 1935; Lowery, George H. 1938; Luttringer, Leo A. (2) 1926-36; Lyman, Frank (2) 1921-22; Lyman, Marcus W., Jr. (2) 1933; Lyman, Storrs H. (2) 1934;

McAtee, W. L. (6) 1927-31; McCown, Johnnie, 1939; McCullough, Charles E. 1926; McDonald, Norman J. (2) 1936-39; MacDonald, W. O. 1926; McGregor, Richard Crittenden, 1928; McIlhenny, Francis S. 1902; MacIntyre, William Clarke (3) 1928-34; McKenzie, J. S. n. d.; Madeira (Mrs.) Campbell (2) 1926; Madeira, Percy C. 1924; Magee, David M. P. 1913; Maillard,

Paul (2) 1939; Mann, Albert, 1913; Markus, M. B. (2) 1935-36; Martin, Bertha Neidhard, 1926; Mason, George E. (5) 1923-24; Mathews, Gregory M. (3) 1932-33; Maxon, William R. (2) 1923; Mayo, Nath. 1913; Meehan, William E. 1922; Mengel, Levi W. 1930; Michael, Charles W. 1931; Middleton, Raymond J. (5) 1931-39; Miller, Alden H. (2) 1931-35; Miller, Edgar Grim, 1922; Miller, Ernest, 1938;

Moffett, Lacy I. (15) 1923-37; Moffitt, James (23) 1930-38; Mogensen, John, 1937; Mohler, J. K. 1917; Montell, James L. 1930; Moodie, Roy L. (5) 1928-31; Moore, Clarence B. 1923; Morehead, Bruce, 1939; Morrison, Walter, 1934; Moses, Allan L. (2) 1930; Moyer, Nevin W. 1931; Muchmore, L. J. 1923; Murphy, Robert Cushman (3) 1923-30; Nabours, Robert K. 1932; Needham, James G. 1926; Neilson, Lewis L. (8) 1934-37; Nelson, E. W. (3)

## Coll. 186 (cont.)

1934; Newbold, Clem, 1929; Newcomb, Hal, 1926; Newcomb, Charles H. (5) 1927-29; Newell, David M. 1933; Nichols, David Gelston (2) 1938; Nichols, G. E. 1933; Nicholson, Edgar W. 1936; Niederlein, Gustavo (4) 1903-05; Noble, G. K. 1921; Nolan, Edward, 1912; Norris, Henry, 1929; North, Chandler (2) 1937;

Oberholser, Harry C. (6) 1932-40; O'Brien, Charles E. 1933; Osgood, W. H. (8) 1929-39; Page, Charles C. n. d.; Paige, Arthur E. 1937; Palmer, T. Chalkley (2) 1926; Palmer, T. S. (4) 1926-40; Pardee, C. (2) 1902-03; Parish, H. S. (4) 1914-15; Pearson, Oliver P. 1938; Pearson, T. Gilbert (4) 1923-32; Pennell, Francis Whittier (10) 1924-25; Pennington, Leigh H. 1927; Pennock, Charles L. (9) 1921-33; Penrose, Boies, II, 1936; Penrose, R. A. F. (13) 1922-27; Perkins, Joseph A. 1923; Perot, Charles P. 1893; Perrin, Marguerite, 1934; Peters, James L. (15) 1929-35; Pichulo, Don, 1935; Pierce (Mrs.) Albert K. 1923; Pierce (Mrs.) Wright McEwen, 1938; Pino, Mr. 1930; Plasterer, Harold L. (5) 1937-39; Platt, P. G. 1937; Poole, Earl L. (8) 1928-39; Porter, E. H. (9) 1903-04; Pough, Richard, 1936; Prendergast, J. S. 1937; Pyle, Francis, 1910;

Racey, Kenneth, 1933; Rathbun, S. F. (4) 1930-31; Reath, B. Brannan, 1930; Redington, Alice M. 1938; Redington, Paul, 1932; Rehn, J. A. G. (2) 1931; Reventlow, Aage, 1929; Rhoads, Samuel N. (7) 1895-1911; Richmond, Charles V. 1929; Rinker, G. C. (4) 1938; Rittmayer, Edward, 1933; Roberts, H. Radclyffe, 1932; Roberts, S. Raymond, 1925; Robinson, J. M. 1926; Roedes, Arthur (2) 1921; Rohwer, S. A. 1922; Romig, J. H. (2) 1897; Roney, C. Henry (3) 1912; Roosevelt, Kermit, 1934; Rosenberg, W. F. H. (9) 1913-34; Rosenbusch, F. 1935; Rosengarten, George D. (3) 1927; Rothery, William E. (2) 1893; Rothrock, Boyd P. 1929; Rothrock, J. S. 1933; Rowan, William, 1923; Ruhl, H. D. 1936; Rusby, H. H. 1921; Rutherford, Hugo, 1934;

Sanborn, Colin Campbell, 1941; Sanderson, W. E. 1936; Saunders, George B. (2) 1932; Sayers, M. V. Lewis, n. d.; Schofield, W. 1932; Schurr, Burlingham, 1933; Schwarz, Ernst, 1940; Schweinitz, G. E. de (2) 1926; Sellers, Horace Wells (2) 1931; Sharp, B. Karl, 1917; Sharpless, Frederick F. (4) 1907-12; Shaw, Tsen-Hwang, 1932; Sherman, H. B. (2) 1936; Shoemaker, Lois Meier, 1940; Shreve, Thomas C. 1937; Shumard, I. T. 1906; Sickles, Martha Roth (2) 1937; Simmons, George Finlay, 1928; Simpson, George Gaylord (2) 1928; Skinner, Henry, 1920; Slevin, Joseph D. 1907; Slogoff, Morton (2) 1937;

Smith, Austin, 1930; Smith, Charles, 1931; Smith, Charles Eastwick Estate (2) n. d.; Smith, Earl E. 1936; Smith, Hugh M. (6) 1925-27; Smith, Ronald W. (10) 1936-38; Snyder, L. L. (2) 1934-36; Sopee, J. Dewey, 1927; Sornborger, J. D. 1921; Spaeth, Reynold A. 1925; Sprague, James M. 1941; Sprunt, Alexander, Jr. (4) 1929-35; Stamp, Harley, 1917; Steinbach, Jose (20) 1920-28; Stejneger, Leonhard, 1932; Stites, Thomas H. A. 1910; Stockley, C. H. 1939; Stokes, Francis J. 1938; Stone, Witmer (31) 1918-39;

## Coll. 186 (cont.)

Storer, Robert W. 1938; Storer, Tracy I. 1929; Stressman, E. (2) 1934; Strong, R. M. 1930; Sutton, George M. (9) 1927-39; Swarth, Harry S. (2) 1930;

Tanner, Vasco M. (2) 1927-36; Tate, G. H. H. 1941; Taverner, P. A. (5) 1929-30; Taylor, Richard Cowling, n. d.; Terhune, H. W. 1930; Terres, J. Kenneth (4) 1935-41; Thomas, W. Stephen (6) 1937-39; Thompson, John W. 1926; Thomson, Clarke (3) 1927; Thorne, Samuel (2) 1929; Thrasher, Philip, 1936; Thurston, Henry, 1931; Todd, W. E. Clyde (9) 1923-34; Tompkins, Ivan R. 1936; Townsend, Henry C. 1936; Trautwine, John C., Jr. 1920; Trepp, Christine S. 1909; Trevor, J. C. (2) 1935-36; Trimble, Marvin, 1927; Trotter, (Mrs.) Spencer (4) 1930; Trotter, Spencer, 1929; Trotter, William Henry, 1926; Tucker, Henry, 1928; Turner, Judd C. 1939; Tyson, T. Mellar, 1910;

Ulmer, Fred, Jr. (7) 1939-41; Umlauff, Johannes (3) 1914-20; Underdown, Eliot (12) 1929-31; Underdown, Henry T. 1929; Underwood, C. F. (6) 1931-36; Van Auken, B. H., Jr. (2) 1893; Vance, Henry, 1933; Van Rossem, H. 1930; Van Tyne, (Mrs.) C. H. 1942; Van Type, Josselyn (3) 1929-35; Vaux, George, Jr. (9) 1901-24; Verner, S. F. (3) 1904-05; Verrill, A. Hyatt (2) 1940; Viereck, Henry L. 1926; Vogt, William (2) 1937; Von Lengerke, Justus (4) 1927;

Walker, Alexander, 1926; Walker, Ernest P. (2) 1931; Walker, Isabella, 1930; Wallace, Paul A. W. 1939; Walsh, Oliver S. 1937; Ward, Charles H. 1912; Ward, Rowland (4) 1912-13; Wardle, H. Newell, 1908; Warner, Langdon (2) 1912; Warrington, Henry, 1929; Watts, R. L. 1923; Wayne, Arthur Trezevant, 1924; Webb, C. S. 1929; Weber, Louis (2) 1904-33; Weigold, Hugo, 1933; Welter, W. A. 1931; Wetmore, A. (11) 1926-30; Weygandt, Cornelius (2) 1929-30; Weyl, Edward S. 1938; Wherry, Edgar T. 1932; White (Mrs.) J. William (2) 1922; White, Joseph P. 1937;

Willcox, Joseph (3) 1908-09; William, Clarence R. n. d.; Williams, R. C., Jr. 1928; Williams, W. H. 1901; Williamson, Jesse H. 1923; Willoughby, Hugh L. (2) n. d.; Winesteel, J. Theodore, 1920; Winsor, J. D. (2) 1926; Wistar, I. J. (2) 1903; Wood, George B. (2) 1905; Wood, Harold B. (2) 1929-30; Wood, Merrill (2) 1933; Woodhouse, Dr. n. d.; Woods, Malcolm J. (2) 1930-33; Woodward, J. R. (3) 1934; Woolman, Anna, 1930; Woolman, Edward (2) 1930-33; Worth, C. Brooke (5) 1926-31; Worthley, J. T. 1933; Wright (Mrs.) George I. 1934; Wright, William Jenks (2) 1939; Yarnall, Alexander C. 1928.

ANSP. BUILDING FUND - TRUSTEES. Papers, 1862-95. 53 items.

The Board of Trustees of the Building Fund was established to raise money for a new building for the Academy at 19th and Race Streets. The main part of the building was completed and opened in time for the Philadelphia Centennial Exposition in 1876. However, a large new wing was immediately projected and the Board of Trustees continued its duties. The two most important members were W. S. W. Ruschenberger, who acted as Chairman, and George Vaux, Jr. who served as treasurer. In this lot are included the bylaws and duties of the trustees, their minutes, bank book, annual reports from 1878-92, treasurer's reports, and many items relating to subscriptions and subscribers to the fund.

Archived.

\*Coll. 187

MARTIN, GEORGE, 1826-1886. Notebooks, 1882-83. 3 items.

This physician botanist and member of the Academy began his mycological studies in 1878, specializing in parasitic leaf fungi. Collected and studied critically a great many of the specimens in J. B. Ellis' Centuries of North American Fungi. After her husband's death, Mrs. Martin donated his fungi herbarium to the Academy. The notebooks are entitled, "Fungi exsiccati" and "Archetypa Fungorum Manu propria pinxit . . . 1882-83," 2 vols., pls. 1-173.

Gift of the author's executors.

Coll. 188

IVES, JAMES EDMUND, 1865-1943. Echinoderm drawings, 1890. 1 item.

Physicist, Jessup student, member of the Heilprin Yukatan and Mexican expedition and assistant curator of the Academy, 1887-93, Ives prepared an illustrated paper on his Mexican echinoderms for publication in the 1890 Proceedings. The plate is preserved here.

Gift, 1890.

Coll. 189

SCHAUENSEE, RODOLPHE MEYER DE, 1901- Types of birds in the Collection of the Academy of Natural Sciences, 1957. 1 item.

This typescript volume of 433 pages is the full manuscript from which the author's paper called, "On some Avian types, Principally Gould's in the Collection of the Academy", published in its Proceedings, vol. 109, page 123-246, was extracted. Two copies were deposited in the Academy's library as mentioned in de Schauensee's published account, the carbon being on yellow paper which contains annotations, corrections and revisions in the hand of Mr. de Schauensee. These emendations were transferred to the first copy by the librarian.

Gift of the author.

Coll. 190

LAMBORN, ROBERT HENRY, 1835-95. Bequest, 1895-1915. 3 cartons.

Civil engineer, railroad magnate, realtor and financier, Lamborn was also an amateur naturalist. His interest in the Academy dates from his childhood association with his uncle Jacob Peirce, who was once its librarian. His establishment of prize money for essays on control of mosquitoes, stems from his personal trials when building the Lake Superior Railroad. He was a well-known beekeeper and later a member of the Academy.

Lamborn willed his entire estate of more than a million dollars to the Academy to be used for biological and anthropological purposes. The inheritance being questioned by other heirs-at-law a long legal battle ensued and eventually the bequest was evenly divided between the Academy and the relatives. The assets consisted, in part, of real property in various sections of the country, namely Colorado, Wisconsin and Pennsylvania. The lands were held for some years, gradually being sold and the income used for research. This large collection of papers contains correspondence, copies of wills, leases, tax notices, bank statements, canceled checks and other documents. No "contents" page has been prepared, nor list of signers made. Coll. 191

ECKFELDT, JOHN W., 1851-1903. Writings, 1886-1903. 3 items.

Physician member of the Academy, he devoted much of his leisure to entomology and botany. Gradually his interest turned entirely to plants and was centered on lichenology. His valuable gift herbarium of lichens was added to the Academy's botanical collections in 1898. His writings consist of (A) "Notes on lichens in the herbarium of the Academy" (B) "Lichens Eckfeldti, 1887-1903" (C) Annotations in "Points-for-tecking ofver skandnaviens vaxter . . . 4 Characeer, Alger och Lafver." A letter signed by Henning Horn of Rantzien, 1958 is added. \*Coll. 192

AMERICAN ENTOMOLOGICAL SOCIETY. Collections, 1859-1938. 9 items.

Throughout its history, beginning in 1859, the Society has maintained three interests, collections, library and publication of research. The collections were kept distinct for a long time but eventually were incorporated with those of the Academy of Natural Sciences.

The papers include catalogs of special collections, memoranda of donations, desiderata, lists, labels and summaries. Donor's names mentioned are Frank H. Genung, E. T. Cresson, Sr., Frank Mason, G. R. Crotch, L. Heligbrodt, and George H. Horn. Diptera, Hemiptera, Coleoptera in general, Lucanidae in particular and Hymenoptera are treated.

From the Insect Department 1960.

\*Coll. 193

GILLIN, THOMAS. Journal, 1911. 1 item.

Collector of birds who accompanied Francis E. Bond and Stewardson Brown on the Academy's Expedition to Venezuela. His journal records field observations and localities for 505 birds obtained at the mouth of the Orinoco River, Jan. 13 to Mar. 18, 1911. The whole collection was donated to the Academy in the same year by Francis E. Bond.

Found with ANSP file of donations to the museum, 1958.

Coll. 194

ANSP. COLLECTIONS - MUSEUM SPECIMENS. Donations, 1814-1930. 674 items.

The official report of the Academy, as published in its Proceedings, annually listed "Donations to the Museum" assembled from the records kept by the curators. In 1954-5 Margaret Wurtz assistant to the editor, prepared a card file from these published lists, entering all gifts under the name of the donor, bringing the record up to 1930. During the years 1925-30 the information was supplied as weekly additions by departments, the sheets prepared by the Curators. Later gifts are available in a carded "Accessions File" located in the business office.

The early daily records in book form, as "Curator's books," the weekly sheets, "Additions to the Museum," and the Wurtz' card file "Donations to the Museum" are preserved in this collection.

Assembled from various storage files, 1960.

\*Coll. 195

WINTER, HEINRICH GEORG, 1848-1887. Catalogue of Fungi europaei, n. d. 1 item.

While entitled as above cited, the notebook list is in fact a fragment of the catalogue, since the numbers are all in the 3,000's. The cover-title states, simply: "Rabenhorst-Winter. Fungi europaei."

Found in the Botany dept., 1957.

Coll. 196

FOWLER, HENRY WEED, 1878- Illustrations, 1900-60. 2,358 items.

When E. D. Cope died in 1897 his alcoholic collection was bequeathed to the Academy and Henry W. Fowler detailed to transfer the collection from Cope's home on Cherry St. Very few of Cope's specimens had been pictured and Fowler vowed he would draw every fish in the Academy's collection. This vow was never fully realized but 4,007 species are now represented in pencil, ink, wash drawings or watercolor, the illustrations mounted on 2,358 pieces and wrapped in 65 packages. A typed index, alphabetically arranged under generic names, by M. Thayer and V. T. Phillips is available in the Manuscript department.

Gift of the author, with the stipulation that the Academy preserve and service the collection, making it available to outside ichthyologists. Permission to publish is to be authorized by the manuscript librarian and only on condition that the photographic work be done in the Academy building. May, 1958.

\*Coll. 197

FOWLER, HENRY WEED, 1878- Journal, 1885-1948. 6 items.

When just a child, Fowler started keeping a record of his field trips, with observations on things seen and heard, topography and environment. Called by him a "Journal," entries have been kept through 1958 and because he discusses persons and places with the appropriate dates, his Journal becomes a biographical diary as well. His trips include local ones, many to New Jersey and the East coast of the United States, and those to far off places, in Hawaii, China, Japan, the West Indies and the Florida Everglades. While the subject matter has to do mostly with ichthyology, it includes many observations on birds, this subject being his second love. Some news clippings, many snapshots and drawings illustrate the work. An index to each volume is written on the end papers.

Gift of the author, 1958.

\*Coll. 199

PILSBRY, HENRY AUGUSTUS, 1862-1957. Biographical Papers, 1908-57.  
10 boxes.

Writings ("Monograph of Fresh Water Shells" and article on "Tonna"), honorary certificates, pictures of collecting areas and people; and 9 boxes of miscellaneous, unsorted biographical material.

From the Department of Mollusks in 1957.

Coll. 200

ANSP. COLLECTIONS - MOLLUSKS, and OTHER INVERTEBRATES.  
Papers, 1833-1959. 95 items.

Catalogs, lists, indexes and observations relating to the Academy's mollusks, Crustacea and chilopods. Includes also Isaac Lea's original list of soft parts of Unionidae, a collection presented to the Academy in January 1877. The notes by Lea begin with the date 1863. Also 33 labels by Lea, for the jars described in the list, that is, nos. 1-33 (except no. 28 which is missing) and an unnumbered label: Naiades, dried, on paper, from Chas. J. G. Lea, 1838. Many of these alcoholics are still in the Academy's collection, but not all identified, since these labels were washed from the jars when the basement was flooded in 1903.

Various names appear as collectors or compilers of lists, e.g., Isaac Lea, Thomas B. Wilson, Lewis R. Gibbs, Thomas Say, Thomas Nuttall, J. K. Townsend, R. E. Griffith, Titian R. Peale, A. R. Diehl, Rob. Swifth, O. A. L. Mörch and others.

\*Coll. 201

List of signers:

Bridges, Robert, 1850; Diehl, A. R. 1850; Leidy, Joseph, 1850; Lea, Isaac, 1863; Mörch, O. A. L. 1847; Zantzinger, William S. 1850.

WALKER, ELLISTON PEROT, 1920(?) - Field notebooks, 1940. 3 items.

Student of diatoms, botanist and assistant in the Academy's herbarium for many years. He collected plants in Alaska, the Yukon, Labrador, and in the southeastern United States, the latter in 1940. The field books give collection data, including geographical and ecological notes.

Archived with Pennell's papers in 1958.

Coll. 202

RUSH, WILLIAM H. Catalog of species of mollusks, 1885-87. 1 item.

Physician attached to U. S. Navy, Rush made his collections during the "Gulf Stream Current Observations" carried out by the U. S. Coast and Geodetic Survey in the working seasons of 1885-87. The complete title: "List of species of mollusks collected during 1885, 1886, 1887, by dredgings from the bed of, and by collecting upon the shores of the countries bordering the Gulf Stream from Cape San Antonio, Cuba, to Cape Hatteras, N. C."

Gift of the author.

Coll. 203

SCUDDER, SAMUEL HUBBARD, 1837-1911. Papers, 1884. 14 items.

Scudder was a distinguished American entomologist, his early studies of Orthoptera being the basic work in the field. A Custodian of the Boston Society of Natural History and Assistant Librarian at Harvard University, he became a corresponding member of the Academy in 1867. This collection consists of an 11-page typescript biography of John Lawrence LeConte, and 13 pieces relating to the life of various members of the LeConte family.

Gift of the author, 1884. From American Entomological Society files in 1960.

Coll. 204

ANSP. BOTANICAL SECTION. Herbarium documents, 1875-1926. 89 items.

According to the bylaws of the Academy whereby sections were authorized, all specimens, books, etc., accumulated by the section, were the property of the Academy, but it seemed convenient to retain the distinction of a sectional herbarium for the purposes of this guide. Accession books, 1874-79, 1887-96; donations, 1876-87; sources of plants, 1905-20, and correspondence regarding the plants obtained by the Botanical section make up the papers.

From the department of Botany by C. Earle Smith, Jr. in 1958. Coll. 205

List of signers:

American Philosophical Society (9) 1897-1949; Baker, Fred, 1920; Britton, Nathaniel Lord, 1921; Burk, W. V. (2) 1891; Congdon, J. W. 1911; Eby, J. B. 1911; Eckfeldt, John W. (2) 1886-91; Elmer, A. D. S. (19) 1915-26; Gleason, H. A. (21) 1922-25; Glover, Benjamin F., Jr. (4) 1921-22; Hall, F. S. (5) 1925; Hammond, W. S. (3) 1920-26; Heller, A. A. (5) 1923; Jahandiez, Emile, 1923; Jennings, Cortez H. 1915; Kenoyer, L. A. (3) 1924; Knowlton, Clarence H. (4) 1921-23; Meehan, William, 1892; Muller, Adolf (2) 1920-21; Mumbauer, J. H. (3) 1915-47; Munoz, Carlos (2) 1948; Rau, William H. 1911; Sargent, C. S. (2) 1921; Stone, Witmer, 1919; Weigel, Theodor Oswald (6) 1922, 24

ANSP. BOTANICAL SECTION. Documents and papers, 1876-1920. 98 items.

From its establishment, June 20, 1876, to its dissolution by the revised bylaws of the Academy in 1924, the section was a busy one. Its activities give a continuous history of the interest in botanical subjects in the area during the years of its existence (affiliations, meetings, public lectures, field trips, collections and library). The Section was not replaced by the Dept. of Botany since the two existed side by side for several years. Its five officers were a Director, a Recorder, a Treasurer, a Secretary and a Conservator.

This collection of papers was preserved in the Dept. of Botany, having been donated in part from papers of its officers. Archived in 1958.

\*Coll. 206

RUSCHENBERGER, WILLIAM SAMUEL WAITHMAN, 1807-1895. Correspondence, 1868-94. 253 items.

Relates largely to Academy administration and interests, as Ruschenberger was its president from 1869-1881, and actively concerned himself with its affairs for many years later. Included are letters from 107 well-known scientists, and biographical notes and reminiscences about others. Highlighted are R. M. Holbrook's reminiscences of Leidy, Ruschenberger's biographical sketches of Prof. Gabb, William Hembel, Mr. Schwann and H. A. Pilsbry and Wistar's deed of trust.

From Academy's files.

\*Coll. 207

Signers:

Baird, Spencer F. 1880; Barber, E. A. (2) 1877-79; Beamer, Ferd. M. (5) 1892-93; Blanchard, Anna, n. d.; Bovie, C. L. (2) 1876; Boyd, John C. 1877; Buffon, Nadault de, 1883; Butcher, Wm. 1876; Castle, James H. n. d.; Chapman, Henry C. (2) 1893; Conard, Samuel, 1873; Cope, E. D. 1874; Cresson, Chas. M. 1878; Cresson, Ezra T., Sr. (2) 1877;

Darrach, James, 1891; DeGarmo, Chas. 1891; Dixon, Samuel G. (14) 1892-94; Dobbins, R. J. 1877; Eaton, John, 1883; Fitler, Edwin H. 1877; Frazer, Persifor, Jr. (2) 1874; Gest, John B. 1874; Greer, James A. 1877;

Haines, (Miss) J. R. 1893; Haines, John S. 1877; Haldeman, S. S. 1877; Hall, James, 1871; Harrison, A. W. (2) 1874; Hart, Charles Henry (4) 1878; Haseltine, Frank, 1877; Heilprin, Angelo (5) 1890-93; Henszey, William C. 1877; Hilles, Nathan (2) 1876-77; Holbrook, R. M. n. d.; Holt, J. F. 1894; Hooker, Wm. S. 1875; Hoopes, Josiah, 1877; Ives, J. E. 1892; James, Tho. P. (2) 1871; Jeanes, Joseph (3) 1868-70;

Kaup, Augustus, 1876; Kennedy, Silas D. 1876; Knight, J. Paul, 1876; Krauss, F. 1877; LeConte, John L. (2) 1878-79; Leidy, Joseph, 1876; Lennig, Nicholas (2) 1893; Lewis, F. W. 1893; Lewis, Grace Anna (2) 1893; Lewis, John F. 1893; Lewis, Julia F. 1892; Lloyd, Herbert J. 1890;

McAllister, John, Jr. 1871 ?; McCloskey, Torrence, 1875; Mactier, Wm. L. 1876; Malcom, Howard, 1866; Martindale, Isaac C. (8) 1882-91; Meehan, Thomas (7) 1877-94; Monks, Sarah P. (2) 1877; Montgomery, Thomas L. 1891; Moss, Lucien 1893.

## Coll. 207 (cont.)

Nolan, Edw. J. (33) 1871-95; Norris, Isaac, 1894; Norris, Wm. F. 1875; O'Neill, Hugh, 1891; Pennock, Edith (3) 1876-78; Pepper, William, n. d.; Perot, Charles P. (3) 1893-94; Phillips, Moro, 1876; Ponsonby, John (2) 1888; Porter, Thomas C. 1891; Quay, M. S. 1877;

Rand, Theo. D. (3) 1879-82; Redfield, John H. (4) 1889-94; Richardson, Joseph G. 1871; Ridings, J. H. 1879; Riley, C. V. 1880; Roberts, S. Raymond (3) 1879-82; Ruschenberger, W. S. W. (36) 1866-94;

Saul, James, 1875; Sartori, Edm. W. 1871; Schaffer, Charles, 1893; Sharpless, I. T. (2) 1874; Sickels, Emma C. 1893; Smith, Uselma C. (3) 1887; Smith, W. H. 1879; Staley, H. S. n. d.; Staton, John S. 1891; Stewart, George N. 1879; Stimpson, Wm. 1871; Stone, Witmer (2) 1893; Switzer, J. B. 1877;

Taylor, Agnes C. 1889; Taylor, Marmaduke B. (2) 1889; Tryon, George W. n. d.; Tyson, Jas. 1876; Vaux, George (9) 1874-83; Vaux, William S. (6) 1868-77; Walter, Y. S. 1879; Ward, James W. 1877; Warman, Albert, 1873; Whelen, Edw. S. (3) 1879; Wilkinson, John B. 1893; Willcox, Joseph, 1877; Wistar, Isaac J. (8) 1879-93.

PENNELL, FRANCIS WHITTIER, 1886-1952. Field Notebooks, 1908-49. 73 items.

Systematic botanist and for a long time curator of plants at the Academy, Pennell records a lifetime of collecting while studying the "Schrophulariaceae." The areas visited include many stations in the U. S. and Canada, as well as extended trips to Mexico, Colombia, Peru and Chile. His entries are numbered 1-26,920, referring to specimens taken. The herbarium is now incorporated in that of the Academy with Pennell's numbers retained on his plant sheets.

Gift of Mrs. Pennell after her husband's death and turned over to the library by C. Earle Smith, Jr., Oct. 28, 1958. \*Coll. 208

PENNELL, FRANCIS WHITTIER, 1886-1951. Correspondence, 1874-1952. 4,070 items.

Botanical correspondence during his affiliation with the Academy, first as a Jessup Student and later as Curator of the herbarium and head of the Botany department. Covers his varied interests in administering the department and as a member of National committees, representing the Academy, and matters pertaining to his special research with the "Scrophulariaceae." A large block of the letters deals with the history of American botany and biography of botanists. Throughout his years here, he was active in the Philadelphia Botanical Society and for many years before his death he carried the title of professor of the University of Pennsylvania and was also editor of the botani-

cal section of Biological Abstracts. Some correspondence was maintained as a member of the Ludwick Institute and a small amount in this collection points to his active attachment to the Friends Society locally. A few are addressed to earlier Curators.

Archived from the Botany Dept. in two lots, August 1958 and November, 1958. \*Coll. 209

Signers of letters:

Abrams, LeRoy (29) 1921-49; Adams, Charles C. 1946; Adams, J. W. (2) 1947; Agnew, Donald (3) 1947; Ainsworth, Walter, 1949; Alexander, E. J. (2) 1944; Allan, H. H. 1926; Allen, Walter S. (2) 1944; Ames, Oakes, 1930; Anderson, Edgar (8) 1945-47; Anderson, Edwin (7) 1948-49; Anderson, J. P. (4) 1947-49; Anderson, R. M. (3) 1935; Anderson, W. A. 1948; Angell, Donald K. 1948; Archer, W. Andrew, 1939; Ariste, Joseph, 1918; Arnold, Lillian E. 1946; Arwidsson, Th. (2) 1946; Avinoff, Andrey (3) 1943;

Babb, Grace F. 1949; Babcock, E. B. (3) 1943; Baehni, Charles (3) 1947-48; Bagehee, K. D. (2) 1946; Bailey, J. L. (5) 1942-43; Bailey, L. H. (15) 1931-50; Bailey, W. (2) 1947; Baker, A. C. 1947; Baker, C. F. 1906; Baker, Lucile (2) 1947; Baker, Milo S. (12) 1948; Baldwin, J. T. 1945; Ball, Carleton R. 1901; Barkley, Fred A. (5) 1944; Barnas, C. Maria (4) 1947; Barneby, Rupert C. (43) 1944-49; Barnes, Laura L. (2) 1943; Barnes, W. C. (2) 1932; Barnhart, John H. (14) 1912-44; Barr, Claude A. (2) 1947; Barroso, G. M. (6) 1950-51; Bartlett, H. H. (9) 1912-48; Bartley, Floyd, 1945; Barton, Robert T. (2) 1944; Bartram, Edwin B. (14) 1943-49; Bartram, Frank, 1942; Bates, J. M. (3) 1911-20; Baumann, Gladys, 1949; Baxter, Samuel N. (2) 1943;

Beadle, C. D. (2) 1900; Beall, Alberta B. (2) 1944; Beetle, Alan A. (4) 1943; Beck, C. (4) 1949; Benedict, Don. M. (2) 1948-49; Bennett, Ralph S. (10) 1946-47; Benson, Lyman (13) 1945-48; Berry, Edward W. 1920; Betts, Edwin (13) 1945-48; Bicknell, E. D. 1915; Billington, Cecil (2) 1948; Biswas, K. (3) 1939-43; Blake, S. F. (10) 1944-48; Blanchard, W. H. 1911; Blomquist, H. L. (9) 1933-45; Boivin, Bernard (3) 1943;

Brainard, Ezra, 1910; Braun, E. Lucy (3) 1933-51; Briesemeister, William (9) 1944-48; Britton, N. L. (2) 1921; Brown, Carroll T. 1943; Brown, Clair A. (3) 1943; Brown, H. E. 1897; Brown, N. E. (3) 1907-18; Brown, O. H. 1947; Brown, Stewardson (3) 1897-1910; Brunel, Jules B. 1929; Buchholz, John T. (4) 1943-44; Buchtien, Otto, 1943; Buckley, Leer (2) 1944; Bunting, John A. 1913; Burkart, Arturo (2) 1947; Burkhill, L. H. (2) 1951; Burns, Ned J. (3) 1947; Bush, B. F. (2) 1927-33;

Cadbury, John W., III (2) 1945; Cadbury, W. W. (2) 1947; Cadwalader, Charles M. B. 1945; Cain, Stanley A. 1943; Callen, Eric (12) 1943-47; Calvert, Philip (3) 1943; Camelo, Joaquin G. (20) 1946-50; Camp, W. H. (9) 1946-49; Campbell, Douglas H. 1929; Campbell, F. L. (3) 1946; Carey, Cornelia L. (3) 1943; Carpenter, F. M. (3) 1946; Carres, Mr. 1949; Carter, Annetta (8) 1945-47; Carter, Jack J. 1903; Carter, John D. 1946; Carter, Lola, 1947; Chapman, F. M. 1923; Chardon, Carlos E. (2) 1945; Chase,

## Coll. 209 (cont.)

Agnes (6) 1936-49; Cheeseman, E. E. 1937; Chester, Allen G. 1945; Cheston, Edward M. (2) 1944; Christ, J. H. (5) 1947-48; Christensen, Carl, 1930; Christensen, Theo. J. (4) 1945-46; Chrysler, M. A. (13) 1944-47; Churchill, Mr. (3) 1943; Clausen, Roy E. 1925;

Clausen, Robert T. (18) 1943-48; Cleland, Ralph E. (2) 1934; Clemens, Mary S. (5) 1943-47; Clements, Frederic, 1920; Clinton, G. P. 1912; Clipp, T. S. 1926; Clokey, Ira W. (5) 1944-45; Closkey, I. 1928; Cocke, E. C. 1942; Cockonye, L. 1926; Coker, W. C. (13) 1924-43; Collins, Frank (2) 1893; Collom, Rose E. (2) 1949; Comford, Anna Willis (3) 1944; Comstock, John A. (7) 1944; Conant, Roger (4) 1946-49; Condon, J. W. 1911; Conrad, Henry S. (4) 1924-49; Constance, Lincoln (15) 1935-49; Cooke, Wm. Bridge (10) 1946-49; Cooper, K. W. (7) 1949; Copeland, E. B. 1929; Copulos, Milton D. 1915; Core, Earl L. 1935; Corey, V. L. 1943; Correll, Donovan S. (2) 1949; Cotner, F. B. (5) 1946-48; Cottary, W. P. 1929; Cotton, A. D. 1943; Coville, Frederick V. 1920; Crane, Frank A. (2) 1944; Croizat, Leon (14) 1945-49; Cronquist, Arthur (22) 1943-48; Cuatrecasas, Jose (7) 1945-48; Curtiss, Anthony (2) 1948; Cushman, H. (2) 1911;

Darflu, J. 1924; Davies, P. A. (19) 1943-48; Davis, Ray J. (12) 1945-48; Dawson, Genevieve (2) 1947; Dawson, Ray F. (3) 1945; Day, Mary A. 1919; Dayton, William A. (13) 1922-45; Deam, Charles C. (17) 1921-49; Deane, Walter (2) 1891-1923; Degener, Otto (16) 1943-46; Delafield, John R. (2) 1943; Demaree, Delzie (7) 1929-52; Descole, Harocio (22) 1943-49; Detling, LeRoy E. (4) 1944; DeWolf, Gr. P. 1950; Dickens, Doris (3) 1945-46; Diels, L. 1914; Dix, W. L. (16) 1945-49; Dobbs, Raymond J. (2) 1947; Dodds, Kenneth S. (2) 1948; Dodge, Carroll W. (4) 1948; Dore, W. G. (3) 1947-48; Dorf, Erling (9) 1942-48; Doty, Maxwell S. (2) 1946; Dowell, Philip, 1913; Drake, Thomas, 1945; Dreisbach, Robert R. (2) 1946; Drew, W. B. (3) 1942-48; Droust, Francis (3) 1941-49; Duboc, Jessie L. (2) 1924; Dudgeon, Winfield (2) 1924; Dunbar, Pomeroy L. 1946; Duncan, Wilbur H. (5) 1948-49; Dunkle, Merle E. (4) 1943-44; Durand, Elias J. 1901; Dutton, D. Lewis, 1925;

Earle, Elizabeth C. 1944; Eastham, J. W. (10) 1948; Eastwood, Alica (20) 1910-46; Edmundson, Frank (3) 1947; Edwards, W. W. 1942; Eggleston, W. W. 1906; Ehlers, J. H. 1923; Elkinton, Howard (20) 1944-46; Elvee, Alex M. 1903; Em, Carl, 1928; English, Carl, 1949; Epling, Carl (7) 1932-45; Erlanson, C. O. 1937; Espinosa, Bustos Marcial R. (4) 1945-49; Essig, Sanford (2) 1949; Esty, Robert P. (3) 1945; Evans, Arthur T. 1935; Evans, A. W. (10) 1901-47; Evans, William Bacon, 1947; Evan, Joseph (62) 1945-49; Eyerdam, Walter J. (4) 1947-49;

Farlow, W. G. 1911; Farwell, Oliver A. (3) 1915-30; Fassett, N. C. (13) 1943-49; Felix, J. Claude, 1924; Fenninger, Carl W. (5) 1947; Fernald, M. L. (72) 1935-49; Ferreyra, Ramon (6) 1948-49; Ferris, Roxana S. (14) 1944-48; Fessenden, G. R. (2) 1943; Fitzpatrick, H. M. (6) 1943; Fleisher, Horace T. 1947; Fleming, R. L. 1945; Fogg, John M. (2) 1949; Fosberg, R.

F. (3) 1943; Foster, Robert C. (8) 1944-48; Fox, Henry, 1949; Fox, William B. 1948; Fraser, S. V. (3) 1944-45; Freer, Ruskin S. (3) 1947; Fretz, C. D. 1899; Frick, T. A. (7) 1947-49; Fuller, George D. 1948; Fulling, E. H. (4) 1943-44; Fussell, Linnacus, 1903;

Gaiser, L. O. (6) 1944-45; Garcia, Barriga Hernando (2) 1944; Garrett, A. O. 1924; Gates, Thomas S., (2) 1944; Gazin, C. L. (2) 1947; Geiser, S. W. (3) 1946-48; Gentry, Howard Scott (33) 1943-49; Gleason, H. A. (20) 1925-49; Gluck, Fran Helene, 1946; Godfrey, R. K. 1951; Goodman, George J. (13) 1935-49; Goodson, Orr (15) 1945-49; Goodwin, DuWayne L. (2) 1949; Goodwin, Martha (2) 1947; Gordon, Robert N. (11) 1943; Gould, Frank W. (17) 1943; Grant, Adele Lewis (6) 1943; Grant, John M. 1902; Graustein, Jeanette E. (10) 1947; Greenman, M. J. (20) 1916-47; Gregg, Clifford C. (23) 1945-48; Griffin, G. H. 1942; Grinnell, Lawrence I. (7) 1945; Groff, Harold K. (3) 1945-48;

Hall, Charlotta C. (6) 1945; Hall, G. A. (3) 1892; Hall, H. M. 1917; Handel-Mazzetti, Mr. (2) 1933; Hanes, C. R. (5) 1945-46; Hanna, Leo A. (2) 1941; Happ, George B. 1943; Harbison, F. G. 1901; Hardy, G. A. (23) 1943-49; Harger, E. B. 1908; Harper, Francis (3) 1945; Harper, Jessie, Clair (2) 1946; Harper, Roland M. (28) 1935-47; Harra, H. (2) 1949; Harrington, H. D. (7) 1943-50; Harshberger, John W. 1903; Harvey, A. Burlingame (2) 1945; Hatschbach, Gert (3) 1949; Hayden, Ada (2) 1943; Heiser, Charles B. (4) 1946-49; Heller, A. A. 1894; Henderson, L. F. 1935; Hendrix, David B. 1942; Henry, Norman J. (22) 1943-50; Henry, L. K. (2) 1943; Herbst, William, 1903; Heritage, Benjamin, 1903; Henriques, John A. 1923; Hermann, Frederick J. (14) 1935-36; Herter, Guillermo, 1948; Hess, Elizabeth, 1945; Hewitt, Anna B. (2) 1949;

Hibbard, Claude W. 1934; Hiers, Glen Sefton (5) 1946; Higgins, B. B. 1942; Hill, Arthur W. 1917; Hill, Helen, 1947; Hinkley, L. C. (6) 1944; Hinton, Geo. B. (5) 1938-40; Hitchcock, C. Leo (31) 1936-47; Hoehme, F. C. (8) 1933-47; Holker, T. B. (5) 1943-45; Holm, Theo, 1894; Hoopes, Alban W. (4) 1947; Hoover, Elizabeth N. (2) 1949; Hoover, Robert F. (6) 1947; Hopkins, Milton (6) 1943; Hough, A. F. 1944; House, H. D. 1936; Howard, Richard A. 1948; Howe, Marshall A. 1906; Howell, John Thomas (12) 1947-48; Hoyer, C. T. 1949; Hulten, Eric (12) 1939-47; Hunter, Fenley (4) 1949; Henziker, Armando T. (6) 1947-48; Huttleston, Conald G. 1947;

Illiff, Lucinda, 1947; Irwin, Francis W. 1945; Isely, Duane (9) 1944; Issatchenko, B. 1927; Jackson, H. S. 1909; Jaeger, Edmund C. (2) 1946; Jahn, A. 1898; Janish, Carl L. (85) 1946-50; Jellett, Edwin C. 1902; Jenkins, Charles L. (17) 1942-49; Jennings, O. E. 1948; Johnson, Rufus (2) 1941; Johnston, Ivan M. (6) 1944-48; Johnston, Walter B. 1948; Jones, Frank Morton (2) 1948; Jones, George Neville (36) 1943-47; Jones, Marcus E. 1916; Jordal, Louis H. (3) 1949; Jorgenson, Pedro, 1931; Josey, E. P. 1942; Just, Theodore, 1948;

## Coll. 209 (cont.)

Kausel, Eberhard (14) 1948-52; Kearney, Thomas H. (4) 1950; Keck, David D. (18) 1943-46; Keely, Hanna (3) 1946; Kern, Frank D. (2) 1949; Killip, E. P. (46) 1943-49; Kittridge, E. W. 1919; Klaes, Mary M. (3) 1946; Koch, Peter (3) 1947; Keolz, Walter (12) 1943-48; Koster, Hollis (5) 1945; Krusen, Wm. T. (3) 1949; Kuenne, Charles F. (11) 1947-48;

Lambert, Walter D. (14) 1945-49; Langman, Ida (13) 1947-49; Lanjourv, J. (5) 1947; Latham, Roy (2) 1921-22; Lea, James F. 1944; Lee, Edith H. M. 1949; Leeds, Arthur, N. (6) 1903-47; Leeds, Morris E. (13) 1943-47; Lehman, Ernest (10) 1925-47; Lehman, Robert F. (4) 1945; Leithold, Alvin C. (2) 1944-45; Lemmon, W. P. (10) 1934-49; Leon, Mr. 1911; Leonard, E. C. (2) 1927-50; Lepage, Ernest (23) 1944-49; Li, Hui Lin (57) 1943-49; Liebeck, Lena (3) 1948; Lightfoot, T. M. 1919; Lippincott, Charles C. 1904; Lintz, Y. M. 1924; Liu, M. n. d.; Livingston, Phillip A. (3) 1949; Looser, Qualterio (3) 1929-43; Lundell, C. L. (6) 1945; Lunell, G. 1918;

McAllister, F. M. 1920; MacBride, J. Francis (8) 1917-18; McClure, Ruth D. (2) 1945; McCormack, E. M. 1925; MacFadden, Fay A. (2) 1943; Macfarlane, John M. (7) 1927-43; McGirr, Newman F. (2) 1944; McGroaty, W. B. (3) 1944; McKelvey, S. D. (13) 1944-49; Mackenzie, Kenneth K. 1922; McMillan, Calvin M. (6) 1947; McMinn, H. E. (22) 1927-46; McNair, James, 1924; McNeal, Donald L. (21) 1944-49; McVaugh, Rogers (36) 1943-48; Maguire, Bassett (50) 1933-49; Mains, E. B. (3) 1945; Malcutt, G. n. d.; Maldonado, Angel (2) 1945-49; Malte, M. O. 1926; Manning, Wayne E. (14) 1943-48; Marie-Victorin (6) 1935-44; Marquand, Eleanor C. (2) n. d.; Marquis, A. M. 1949; Mason, Herbert L. (6) 1943-47; Massey, A. B. (19) 1942-47; Matuda, E. (3) 1947; Maxon, William R. (25) 1925-44;

Meehan, Thomas, 1888; Melhus, I. E. (3) 1945; Mercur, Robert S. (3) 1943; Merrill, E. D. (257) 1943-49; Mexia, Y. 1928; Meyer, Fred. (25) 1947-49; Millaway, Mary J. (2) 1943-45; Millsbaugh, C. F. (2) 1917-21; Moldenke, Harold N. (133) 1943-49; Moore, Dwight M. (4) 1949; Moore, George, 1912; Moore, Mary T. 1944; Moore, John W. (3) 1943; Morrison, B. T. (8) 1943-46; Morton, C. V. (16) 1929-49; Moseley, E. S. 1927; Moss, E. H. (4) 1948; Moul, Edwin T. (4) 1948-49; Mukerjee, S. K. 1939; Mumbauer, Joseph R. (3) 1947; Munoz, Carlos (3) 1948; Munz, Philip A. (55) 1927-49; Murdock, John, 1914; Murrill, W. A. 1921; Myers, R. Maurice (3) 1947;

Nelson, Aven (3) 1917-35; Nelson, J. E. 1922; Nelson, Ruth A. (5) 1948; Nichols, E. 1926; Nielsen, Etlar L. (2) 1947; Nisbit, Gladys (2) 1942; Norton, Charles F. (4) 1945; Ochterena, Isaac (2) 1947; Oliver, W. R. B. (3) 1945-46; Olsson, Alex A. (9) 1944-45; Orcutt, C. R. 1925; Ormsby, S. F. (2) 1947; Ortega, Jesus Gonzalez, 1925; Osborn, Ben (3) 1945; Ostenfield, C. H. (2) 1913-25; Ostenhout, George H. (2) 1891-1923; Overholts, L. O. (2) 1918-29; Ownbey, Gerald B. (19) 1949; Ownbey, Marion (29) 1946-49;

Packer, Francis R. 1942; Painter, J. R. 1909; Palmer, Ernest J. (11) 1921-47; Parker, Kittie F. (13) 1945-48; Parker, R. N. (16) 1946-48; Parks, John J. 1942; Patrick, Ruth (2) 1947; Payson, Edwin B. 1922; Pearson, Oliver P. (10) 1946-48; Peattie, Donald C. n. d.; Peck, Morton E. (5) 1944; Peiron, Frank W. (4) 1949; Penland, C. William T. (4) 1943; Pennell, F. W. 1946; Pennock, Aldrich, 1903; Pennock, Edward (3) 1943; Pesman, M. Walter (3) 1948-49; Peterson, C. Bernard (2) 1944; Philipson, W. R. (3) 1948; Phillips, Walter S. (4) 1947-48; Pilger, R. 1924; Pilsbry, Henry A. (2) 1947; Piltier, H. 1926; Piper, C. V. 1924; Pohl, Richard W. (3) 1948; Polunin, Nicholas, 1952; Pool, R. J. 1935; Poole, James P. (8) 1949; Poole, R. F. 1942; Popense, Nelson, 1923; Porter, C. L. (26) 1943-49; Porter, Thos. 1900; Porter, Walter P. (3) 1945; Prain, D. 1913; Procter, George R. (15) 1946-49; Pultz, L. M. (2) 1945; Purpus, C. S. 1929; Pyle, Robert (8) 1944-45; Quigley, Ray, 1945;

Raizada, M. B. (11) 1944-46; Ramsey, Helen (5) 1946; Rapp, William F. (5) 1944; Raup, Hugh M. (3) 1944; Rechinger, K. H. 1949; Redles, George, 1903; Reed, Francis W. (6) 1945-48; Reed, Howard S. (2) 1946; Reeder, John R. (9) 1948-49; Regan, Clara W. 1947; Renden, A. (2) 1925-43; Rendle, A. B. 1926; Rensselaer, M. Van (2) 1945; Reynolds, Mary K. n. d.; Reynolds, P. K. (4) 1946; Rhoades, Rendell (2) 1948; Rick, Charles M. (3) 1949; Ricker, P. L. (11) 1945-50; Rickett, H. W. (24) 1929-47; Rickey, P. L. 1921; Rietz, G. Rinar du, 1945;

Robbins, G. Thomas (11) 1941-46; Robinson, B. L. (3) 1922-35; Rock, Joseph F. (3) 1944; Roever, W. E. 1945; Rogers, C. M. (4) 1949; Rogers, D. P. (2) 1944; Rogers, Hollis J. (4) 1947-48; Rogers, Walter E. (4) 1946-47; Roig, Juan, 1923; Rollins, Reed C. (9) 1945-49; Romero, Edmundo (2) 1948; Roos, M. C. (3) 1944; Rose, F. H. 1943; Rose, J. 1921; Rosendahl, C. O. 1929; Rosengrutt, Bernado (3) 1943-44; Rothert, Otto A. 1944; Rouleau, Ernest, 1946; Rousseau, Jacques (2) 1944; Rummel, Anna, 1935; Rusby, H. H. 1923; Rydberg, P. A. 1925;

Saffon, W. S. 1915; St. John, Harold (4) 1939-43; Sandwith, N. Y. (2) 1947; Saviex, V. P. 1936; Schäffer, Charles, 1893; Schallert, P. O. n. d.; Schellbach, Louis (2) 1949; Schery, Robert W. (2) 1947; Schlechter, Rudolf, 1924; Schmid, Frederick C. (4) 1945-46; Scholander, P. F. 1943; Schramm, J. R. (25) 1942-49; Schubert, Bernice G. (16) 1943-47; Schultes, R. E. (12) 1949; Scott, John (2) 1874-75; Scott, Wesley E. (6) 1943-49; Seaver, Fred J. (25) 1928-48; Senn, Harold A. 1942; Seifriz, William (7) 1929-46; Serrill, Wm. J. (2) 1947; Setchell, W. A. (2) 1912-26; Sharp, B. C. (2) 1934-35; Sharp, A. J. (2) 1949; Shaver, Jesse M. (2) 1948; Shaw, Charles, 1906; Shear, C. L. (10) 1929-49; Sherff, Earl E. (20) 1927-43; Shinnors, Lloyd H. (10) 1943-46; Short, C. W. 1943; Shreve, Forrest, 1943; Shull, George H. (19) 1945-49; Shulz, Augusto G. (4) 1943-47;

## Coll. 209 (cont.)

Skottsberg, C. 1933; Small, John K. (6) 1925-35; Smith, A. C. (30) 1943-48; Smith, Clifton F. (4) 1945; Smith, Datus C. (8) 1943; Smith, Herbert (3) 1883-1913; Smith, Huron H. 1932; Smith, Lyman B. (17) 1943-46; Smith, Stanley Jay (2) 1948; Smith, William Wright (17) 1943-47; Soule, Phelps (3) 1940-42; Sowden, Lee (4) 1947; Spawn, Willman (2) 1943; Sperry, Owen E. 1944; Sprague, T. A. (2) 1927-48; Squires, Walter Albion, 1929; Stair, Leslie D. (8) 1946-49; Standley, Paul C. (8) 1923-48; Starcs, Jarlis, 1949; Stearn, William T. (4) 1947; Stebbins, G. Ledyard (3) 1947-49; Stehle, H. (3) 1943; Steinbach, Jose, 1929; Steinfiels, C. H. 1925; Stevens, F. L. 1925; Stevens, Neil E. 1917; Stevenson, J. A. (11) 1943-49; Steyermark, Julian A. (9) 1933-49; Stitler, C. I. (5) 1944; Sturm, H. P. (6) 1943-48; Suksdorf, W. N. 1928; Sumstine, David R. (16) 1942-49; Svenson, Henry K. (18) 1928-49; Swallen, Jason R. (2) 1947;

Talish, Z. L. 1947; Tate, G. H. H. 1927; Tatnall, R. R. 1943; Taylor, Charles A. 1947; Taylor, Raymond L. 1945; Taylor, T. M. C. (2) 1951; Taylor, W. R. (5) 1920-49; Templeton, Bonnie C. (11) 1944-49; Tenbrook, E. L. 1903; Terrell, Edward E. 1945-49; Tessmann, Guenter (2) 1949; Tharp, B. C. (7) 1927-49; Thomas, Mabel L. H. (2) 1925; Thomson, Paul W. 1949; Thomson, John W. (3) 1945; Thorp, James, 1929; Tillotson, Stanton H. (5) 1943-47; Toothaker, Charles R. (4) 1944-49; Tsoong, R. Ch. (4) 1949;

Underwood, L. M. 1901; Urbank, Ellen (4) 1923-25; Uribe, Julian, 1923; Van Steenis, C. G. G. J. (2) 1949; Vargas, C. C. (15) 1943-49; Venturi, S. 1929; Verdoorn, Fr. (80) 1943-48; Vines, Robert S. 1947; Vosnoff, G. n. d.;

Walker, E. Virginia (3) 1945; Walker, E. H. (10) 1943-50; Waterfall, U. T. 1943; Watts, May Theilgard (5) 1948; Weatherby, C. A. (17) 1933-48; Weber, Neal A. 1949; Weber, William A. (16) 1946-51; Weer, Paul W. (3) 1947; Weigand, Karl M. 1912; Weiss, Harry B. (6) 1944-46; Wernham, H. F. 1920; West, Erdman (2) 1943; Wherry, Louis C. (2) 1946; White, J. Henry (2) 1922-23; White, Raymond A. 1943; Whitehouse, Eula (2) 1943; Whiting, A. F. (2) 1943; Wildman, Edward E. (3) 1942-45; Williams, Clarence Russell, 1947; Williams, Edwin B. (5) 1945; Williams, Louis O. (8) 1946-49; Louis, V. F. (12) 1947-49; Williamson, Charles S. 1903; Wilms, F. 1900; Wilson, E. H. 1927; Wilson, Ralph R. (2) 1946; Wister, John (11) 1946-48; Witte, William H. (9) 1943-48; Wittrock, G. L. (34) 1943-46; Wolf, Carl B. 1945; Wolf, W. (3) 1941-43; Wood, T. Kenneth, 1948; Woodhouse, R. P. 1926; Woodson, Robert E. (18) 1945-51; Woolman, Anna (2) 1943; Worth, C. R. (27) 1945-48;

Yenn, Teng-Vhein (2) 1943; Yuncker, T. G. (2) 1919-46; Ziefle, A. (6) 1947-48; Zundel, George L. (3) 1944;

STRECKER, HERMAN, 1836-1901. Papers, 1856-1908. 62 items.

Amateur Lepidopterist and member of the American Entomological Society, but professionally an architect and sculptor. He published his own work on Lepidoptera, for which he prepared the drawings and made the plates himself. He collected widely and maintained a large correspondence with other enthusiasts. At his death his collection of Lepidoptera was estimated to be the best in the United States.

This numbered collection contains a small notebook of 72 pages with penciled illustrations, his signature on page 33 and scattered dates of 1856-58. It had been given to a boyhood friend W. Russell Robinson and donated to the Academy of Natural Sciences by his son Wirt. Of the 61 letters, 37 are by Strecker, written mostly to Henry Skinner, and the others pertain to the possible purchase of his Lepidoptera collection offered for sale by his widow. The Academy was unable to meet her price and it was later sold to the Field Museum in Chicago in 1908.

Gift of W. Robinson and of Henry Skinner, archived from the Department of Entomology in 1955. Coll. 210

Signers of letters:

Burnham, George, Jr. 1902; Calvert, P. P. 1902 ?; Dolan, Thomas, 1902; Drexel, Lucy W. (5) 1902; Griscom, C. A. 1902; Lea, Henry C. 1902; Penrose, C. B. 1902; Robinson, Wirt (2) 1908; Shipley, Samuel R. 1902; Stotesbury, E. T. 1902; Strecker, Eveline E. (5) 1905-06; Strecker, Herman (37) 1883-1901; Thomas, George C. (2) 1902; Wanamaker, Rodman, 1902; Weber, Carl, 1902.

AMERICAN ENTOMOLOGICAL SOCIETY. History, 1868-1958. 255 items.

Miscellaneous historical material relating to the council, librarian, various standing committees, secretary's records, nominations for membership, correspondence and other data. Contains a 66-page typescript history of the Society, and a notebook with many news clippings (1916).

From the Society, 1951.

\*Coll. 211

List of signers:

Akhurst, John, 1871; Baird, S. F. 1871; Behr, J. H. (3) 1871; Blanchard, F. 1871; Burgess, Edward, 1871; Castle, D. M. 1910; Cresson, E. T. (5) 1915-16; Edwards, W. H. 1871; Glover, Townsend, 1871; Grote, A. R. 1870; Hawley, Clifford B. 1924; Hebard, Morgan, 1922; Horn, G. H. (2) 1887; Knight, Frank, 1887; Levette, G. M. 1870; Lintener, J. A. (4) 1870-71; Mead, Theodore L. 1871; Osten Sacken, R. (2) 1871; Packard, A. S., Jr. 1871; Provancher, L. 1871; Randall, John Swan, 1871; Reed, Edmund Barnes, 1871; Riley, Ch. Valentine (2) 1871; Ross, A. M. (2) 1871; Say, Lucy (6) 1871; Skinner, Henry (2) 1913-16; Smith, S. J. 1871; Stelle, J. Parish, 1871; Warren, J. Q. A. 1871; Welles, Chas. S. 1910.

DENKE, CHRISTIAN, 1775-1838. Papers, 1797-99. 27 items. Photostats.

Letters (23) written to Muhlenberg, owned by American Philosophical Society. The Denke letters were photostated for C. Earle Smith, Jr. for his research on the historical plant collections in the Academy, and archived by him in 1957. Fragmentary because Smith removed the various lists of plants to be kept with the Academy's herbarium. Also in Coll. 910 are an Index and a Supplement, 1797-99, to Kramsch's Flora Nazarethana. Another two volumes, unsigned, but identified as the hand of C. Denke by C. Earle Smith, Jr. These volumes are possibly new compilations or classroom texts, one about animals, the other based on Linne's Philosophia Botanica, 1751. The latter is enlarged to cover many more species and with descriptive material not included in Linne.

Gift of C. Earle Smith, Jr. 1957, and John H. Packard. Coll. 212

UNIO HEROS Say, a workbook, 1825? 1 item.

The binder's title, "Extracts of Natural Science," scarcely indicates the subject of this workbook. Text refers to Unio heros Say with other conchological notes. It appears to be an accumulation of original descriptions of mollusks, copied from various published sources. Unsigned, p. 11-152 tentatively dated between 1819-29, but the species in the title was described in 1825. Provenance not known. Coll. 213

BASSETT, ELISHA. Checklists, 1845-96. 2 items.

Amateur ornithologist of Salem, New Jersey, who prepared lists of birds of the southern New Jersey-Pennsylvania area, first from published sources, then from his own observations. 766 species are listed, one to a page, and entries numbered 1-2,242. Nos. 2014-2242 record also place, date and name of collector. One volume is autographed.

Deposited by R. M. de Schauensee, 1950. \*Coll. 214

AMERICAN ENTOMOLOGICAL SOCIETY. LIBRARY. Accessions, 1860-1960. 9 items.

The founders of the Entomological Society of Philadelphia, the predecessor of the American Entomological Society, stressed the advantages of a library and of a study collection of insects. Donations to the library were recorded for 1860-96 in two ledgers; three catalogs were prepared, 1863, 1864, and 1885; and four accession books show all additions to date. The first three accession books have been checked in red to show the volumes which are on permanent deposit in the Academy's library.

From the Department of insects in 1960. Coll. 215

WEISS family of Weissport, Pa. Papers, 1777-1916. 208 items.

Jacob Weiss, 1750-1839, was a Colonel in the U. S. Continental Army and fought in the Battle of the Brandywine and later became Assistant Deputy Quartermaster at Easton, Pa. A geologist and businessman, he formed with Jacob Cist and Hilegas of Philadelphia, the first company for mining and marketing anthracite coal; was an early resident of Gnadenuhthen (later called Weissport). Francis Weiss, 1773-1845 was a surveyor and businessman, while his nephew Francis Weiss, 1819-1888 followed the same profession.

The papers include diaries, geological and surveying notebooks, maps and observations; personalia and biographical notes; transcribed documents, portraits, scrapbooks, business journals, daybooks, mercantile records and account books as well as correspondence of many members of the family. Highlighting the collection is a record book of 1781, of supplies prepared and handled by Jacob Weiss, while Deputy Quartermaster, and notebooks giving prices of labor and supplies for 1777-86, recorded on his estate at Gnadenuhthen. Most of the documents and correspondence refers to Jacob Weiss, Francis Weiss and his nephew Francis Weiss.

Gift, Jan. 29, 1959. Collected by Mrs. Rebecca Weiss Smaltz and donated by her granddaughters, Miss Rebecca G. Smaltz and Mrs. Eleanor Smaltz Williamson, through the efforts of Mary Effie James, a Research Associate of the library of the Academy. \*Coll. 216

Signers of letters and documents:

Bachman, Nicholas, 1844; Badman, H. T. 1780; Bauman, John, 1842; Baumann, Dennis, 1849; Belford, George, 1850; Berlin, (Mrs.) n. d.; Bicking, William, 1842; Bogh, Jacob E. n. d.; Bowman, Bernard, 1845; Boyer, John A. (2) 1844; Cist, Charles, 1789; Cortright, Ira, 1850; Cox, Thomas, n. d.; Crane, Robert M. n. d.; Dawson, E. Amelia, 1899; Dodson, Charles M. 1875; Durnfort, Daniel, 1829; Eastburn, Joseph, 1822; Eggert, H. B. n. d.; Enzian, George H. 1916; Eysenbach, Louis, Jr. 1899; Fisher, Pastor (2) 1899; Franklin, B. 1756; Frantz, Peter, n. d.;

Grauer, Andrew, 1843; Greiner, Bianka, 1843; Hunsicker, John (3) 1845; Jordan, John Woolf (4) 1899-1903; Keese, C. B. 1845; Laciari, C. B. H. 1837; Leaux, M. M. 1850; Lee, Henry, 1894; Lehigh & Susquehanna Railroad, 1839; Leisening, J., Jr. 1850; Levan, B. S. 1845; Lewis Publishing Co. 1904; Linderman, Robert P. 1888; Luzerne County Petitioners (2) n. d.; Moore, A. D. 1883; Moyer, Joseph, n. d.; Nothstein, Peter (2) 1842; Packer, Asa, 1875; Rehur, Thomas T. 1845; Reichel, Charles Gotthold, 1790; Richards, Mr. n. d.; Sallade, Jacob (4) 1843-45; Sharpe, Richard, 1850; Smaltz, Rebecca Weiss (6) 1867-85; Taylor, John, n. d.; U. S. Army, (Continental Army), 1778-83; Weaver, E. A. 1839; Weiss, Alexander, 1879; Weiss, Charles, 1832; Weiss, Clarence S. 1888; Weiss, Elizabeth, n. d.; Weiss, Francis (3) 1819; Weiss, Frank (2) 1894; Weiss, John George, 1899; Weiss, Lewis, 1790; Weiss, Rhettie (see Smaltz, R. W.); Weiss, Thomas, 1916; Wester, T. C. 1917; Wright, Harrison (5) 1878-79.

BOHATSCH, ALBERT, Letter, 1885? 1 item.

A signed letter in German Script, written on the back of an 1885 Catalog of his Carabus collection.

Gift of the author to the American Entomological Society. Coll. 217

AMERICAN ENTOMOLOGICAL SOCIETY. MEMBERSHIP. Papers, 1859-1938. 4 items.

The four ledgers give (a) First proposals for membership, 1859-63 (b) Proposals for corresponding members 1859-1938 (c) Proposals for resident members 1859-1922 (d) Original obligation book with 87 signatures of members under its original name of the Entomological Society of Philadelphia, 1859-1885(?) and (e) A list of members living nearby in 1960.

Archived, 1960. Coll. 218

HOLBROOK, JOHN EDWARDS, 1794-1871. Illustrations, 1836-38. 3 items.

The colored engraver's proofs of snakes represent species appearing in his North American Herpetology, but are not identical with the published plates. The unfortunate circumstances surrounding Holbrook's work, the reissue of parts, with revised plates, all give these a great bibliographic importance. The plates are of Coluber crythrogrammus, v. 1, pl. 22, 1836; Crotalus durissus, v. 2, pl. 17, 1838; and Heterodon simus, 2d ed. v. 4, pl. 15, 1842. Two are signed "Sera pinc", the other "Rogers pinc". Lithographers G. Lehman and P. S. Dubal.

Gift to H. W. Fowler by George W. Wood who inherited them from his father Horatio C. Wood. Donated by Fowler, 1958, to the Academy.

Coll. 219

FOWLER, HENRY WEED, 1878- Correspondence, 1894-1941. 3,106 items.

Primarily concerned with studies, observations and opinions in systematic ichthyology but stressing also his exchanges, gifts and swaps to increase the fish collection of the Academy. Many other letters about the exchange of fish literature. The list of 624 authors in the collection reads like a directory of the ichthyologists of the world.

Donated by Fowler in April, 1959.

Coll. 220

Signers:

Abbott, Charles (18) 1903-09; Abbott, Clinton G. (2) 1938; Abbott, (Mrs.) J. de B. (2) 1937; Abbott, J. F. (2) 1899; Adams, Wallace (27) 1931-34; Albert, Russell L. (2) 1937; Alexander, J. S. 1931; Alfaro, Anastasio, 1915; Allen, Morrow L. (13) 1932; Altenburger, Karl, 1933; Anderson, Charles (6) 1934; Anderson, Esther C. (8) 1932; Andriashev, A. P. (2) 1936; Atkinson, Carroll B. (173) 1931-39; Ayers, Howard, 1932;

Babbitt, Lewis H. (2) 1936; Baker, W. B. 1934; Ball, Stanley C. (38) 1922-29; Ballou, W. N. n. d.; Barattini, Luis P. (4) 1935-36; Barbour,

Thomas (58) 1917-39; Barnard, K. H. 1933; Barrett, Franklin, 1932; Bassett, George W. (2) 1931; Bean, B. A. (3) 1921-32; Beaufort, L. F. de (3) 1920-39; Bedford, H. W. 1932; Beebe, William (10) 1931-38; Behr, (Mrs.) Otto (5) 1938; Beldt, O. C. (9) 1931; Bell, Frank T. (2) 1936; Bell, Samuel (22) 1938-39; Bensauade, Vasco (4) 1937-38; Benson, R. Dale (19) 1931-39; Benz, Auther (2) 1932; Bequaert, Joseph (2) 1936; Berg, Leo S. (7) 1932-38; Bertoni, A. de W. (2) 1913-17; Bevan, Wesley E. 1931;

Bigelow, Henry B. 1935; Birtwistle, W. (36) 1930-38; Bishop, Sherman C. (5) 1934-35; Blackman, E. M. (6) 1931-33; Blanchard, Frank N. (5) 1920-36; Bogert, C. M. (5) 1934-37; Bolin, Rolf L. (3) 1931-37; Borodin, N. A. (20) 1925-32; Bouleyer, G. A. 1912; Bowen, Joseph D. (2) 1933; Boyer, Dorothy A. (2) 1931; Breder, C. (7) 1923-36; Brimley, H. H. (5) 1936-38; Brock, Vernon (5) 1936-37; Brown, Otway H. (30) 1934-37; Bryan, E. H., Jr. (24) 1931-37; Buck, Peter H. (10) 1936-38; Budker, Paul (2) 1937; Buller, N. R. (8) 1931-32; Bullock, D. S. (8) 1931-39; Burgin, Richard A. (6) 1937-39; Burt, Charles E. (12) 1931-35; Burton, E. Milby (72) 1931-36;

Cadwalader, Charles M. B. (5) 1930-31; Caldwell, Harry R. 1919; Calvert, Philip P. (2) 1935-37; Carlson, J. Gordon, 1936; Carpenter, R. R. M. (2) 1934; Carr, A. T. (10) 1936-37; Carricker, M. A., Jr. 1910; Carter, H. A. (2) 1932; Cascia, Pasquale La (3) 1933; Cattell, J. McKeen (2) 1900-01; Chabanaud, Paul (3) 1932; Chamberlain, E. B. (2) 1932; Chance, Edwin M. (5) 1935; Chang, K. S. Francis (2) 1939; Chaplin, Charles C. G. (10) 1937; Chapman, W. M. (3) 1939; Cheng, T. H. (7) 1936-37; Chevey, P. 1933; Chien, T. H. 1931; Christie, J. N. 1921; Chu, Y. T. (5) 1932-33; Clark, Francis N. n. d.; Clark, H. Walton (2) 1935; Clark, James L. (2) 1933; Clarke, J. K. 1904; Clemens, Joseph (2) 1922-23;

Cochran, Doris M. 1936; Cocks, Edmund (2) 1931; Cockwell, D. A. 1910; Coggins, H. L. 1901; Coker, W. C. 1933; Colby, Edward P. (2) 1933; Conant, Roger (11) 1931-37; Conavin, William P. M. (4) 1935-38; Conklin, E. G. (5) 1931; Cook, William A. 1934; Cooke, C. Montague, Jr. (3) 1927-37; Coolidge, Harold T. (6) 1935-38; Copley, Hugh (7) 1934-36; Cornman, G. E. 1937; Crawford, John L. (2) 1935; Crile, George (2) 1938; Cromie, George H. (12) 1930-35; Cullock, Allan, R. 1920; Cunningham, Bert (4) 1934; Curtiss, Anthony (2) 1938; Cushman, Joseph (2) 1936-37;

Dahlgren, Ulric (5) 1906-38; Dammerman, K. W. 1934; Dannermann, J. 1932; David, Lore A. (2) 1939; Davis, Olive Stull (4) 1931; Davis, William T. 1908; Dean, Bashford, 1903; Deckert, Richard, 1923; Deets, William (10) 1934-37; DeFeo, Peter Zarro (5) 1932; Deibler, O. M. (47) 1932-37; Deigman, J. G. 1938; Delsman (10) 1931-38; Derry, Bruce E. 1931; Devincenzi, Garibaldi J. (4) 1938; Devine, Frank L. 1935; Dickenson, Mary C. 1921; Dill, Homer, 1922; Dinburgh, J. Van, 1923; Ditmars, Raymond L. 1921; Dixon, S. G. 1894; Douglas, S. B. 1901; Drinker, Henry S., Jr. 1939; Dunn, Emmett R. (6) 1931; Dymond, J. R. (2) 1923-24;

Earle, Murray (2) 1935; Eastman, C. R. 1916; Eaton, T. H. 1934; Edmundson, C. H. 1927; Edwards, S. P. S. 1901; Ege, Vilck, 1928;

## Coll. 220 (cont.)

Eigenmann, C. H. 1904; Ellis, Walter C. (4) 1935-37; Ellison, W. A. (8) 1936-37; Establier, M. A. (3) 1933; Evans, W. B. 1903; Evans, William L. 1936; Evermann, Barton Warren (11) 1900-31;

Fabian, A. E. (2) 1932; Farrington, S. Kip, 1937; Felippone, Florentino (39) 1929-35; Ferguson, M. S. (9) 1939; Firth, Frank E. (2) 1934; Fisher, A. K. (8) 1904-32; Fitch, Henry S. (2) 1934; Fletcher, John F. S. (2) 1939; Follett, W. I. (7) 1938-39; Forbes, S. A. (2) 1903; Force, Edith R. (2) 1935; Ford, Alexander Hume (2) 1928; Forster, A. O. 1930; Fowler, Christine Cecilia (4) 1937-38; Fowler, Henry Weed (3) 1924-32; Fox, S. R. n. d.; Free, H. W. (2) 1934; French, C. A. (10) 1937-39; Friedman, Herbert (4) 1933-35;

Gage, Simon H. 1928; Galloway, J. C. (46) 1937-39; Garman, S. (2) 1901; Gaskill, Alfred (2) 1920; Gee, Nathaniel Gist (2) 1936; Geer, Francis H. (10) 1935; Geiser, Samuel W. 1922; Giamferrari, Luisa (7) 1931-38; Gilbert, C. H. (7) 1894-1907; Gill, T. V. n. d.; Gilmore, C. W. 1921; Giovannoli, Leonard (2) 1931; Gloyd, Howard K. (3) 1928-34; Goldsborough, E. L. (3) 1904-05; Gosline, W. A. (2) 1939; Graf, J. E. (7) 1932-39; Grant, Chapman, n. d.; Gray, M. May, 1936; Gray, Prentiss N. (5) 1932-34; Gray, William B. (13) 1937-39; Greeley, John R. (7) 1923-39; Greenman, M. J. 1905; Gregory, Herbert E. (57) 1923-38; Griem, Karl (2) 1932; Grimm, Kimber (3) 1933; Grinnell, Joseph (2) 1903-38; Grosh, A. H. 1905; Grundy, Joseph R. (2) 1936; Grunsky, C. E. 1932; Gudger, S. W. (32) 1932-37; Guild, Eastham (7) 1933-35; Guimaraes, Jose Ricardo, 1934; Guppy, P. Lechmere (2) 1937;

Hallberg, F. 1924; Hand, H. Walker (5) 1902-07; Handkinson, T. L. 1920; Harcourt, Ralph, 1938; Hardenberg, J. D. T. (9) 1933-34; Harper, Francis (3) 1933-35; Harrison, A. C., Jr. 1901; Harrison, Joseph, 1934; Hartweg, Norman (2) 1934; Haslam, Greville (15) 1934-39; Hays, J. M. 1904; Hayward, G. S. P. (2) 1939; Hebard, D. L. (2) 1933; Heine, F. E. (2) 1934; Heinziling, C. H. 1927; Hemmingway, Ernest (8) 1934-35; Henn, Arthur W. (2) 1934; Henneberger, W. L. 1921; Henrici, May, 1931; Henshaw, Samuel, 1926; Herald, Earl Stannard (5) 1939; Herklots, G. A. C. (68) 1929-39; Herre, Albert W. (14) 1928-39;

Hild, Harold B. (2) 1936; Hildebrand, Samuel F. (6) 1924-38; Hill, Gordon (4) 1936-37; Hill, Howard (5) 1930-36; Hitner, George (2) 1933; Hodges, L. M. 1935; Hoeppli, R. 1932; Hoffmann, William E. (7) 1932-38; Hollister, Gloria (2) 1939; Holly, Maxmilian, 1936; Hora, S. L. (34) 1921-37; Hornell, James (7) 1922-25; Howard, Alvin P. (4) 1936; Howard, Edgar B. 1933; Howes, Arthur, 1936; Howes, Mary Pearsall (5) 1939; Hubbs, Carl L. (34) 1920-40; Huber, Fred (5) 1933-35; Hughes, Richard, 1903; Hunt, Lynn Bogue (8) 1934-35; Ichang, T. L. (2) 1932; Ihering, Rudolf von (8) 1937-38; Ikeda, Hyôzi (3) 1937; Innes, William T. (16) 1929-39; Invine, F. R. 1939; Jacot, Arthur (4) 1923-28; Jayne, Horace (3) 1904; Johnson, Murray L. (2) 1937; Jordan, C. L. (3) 1933; Jordan, David Starr, (41) 1901-27; Judell, A. 1927;

Kaganovsky, A. G. 1937; Kahn, A. L. (13) 1933-34; Keasbey, Anthony, Q. 1936; Keim, T. D. 1937; Kein, F. D. 1904; Kelly, Howard A. (4) 1922-23; Kelly, Joseph J. (2) 1939; Keyes, C. R. n. d.; Kincaid, Trevor, 1922; Kling, T. Walter (4) 1933; Kopenhaver, Mary (5) 1936; Kopf, Max J. 1937; Koster, William T. (2) 1931; Koumans, F. P. (4) 1937-38; Kraft, B. R. (8) 1933-34; Kramelich, K. (3) 1934; Krone, Ricardo, 1908; Kundel, B. W. (3) 1936; Kuronuma, Katsuzo (2) 1937;

Lamberton, Charles (3) 1917-22; LaMonte, Francesca (13) 1932-39; Lane, M. M. (2) 1933; Lang, Herbert (12) 1923-36; Lagemoh, S. Okagos, 1921; Large, J. Warren (3) 1934; Larsell, O. 1928; Lawler, Laurence R. (14) 1931-33; Leary, William R. (2) 1937; Legendre, M. R. (3) 1938; Leigh, George F. (2) 1912; Leon, J. R. Lacomba de (4) 1935-36; Lewis, Forrest (2) 1935; Lin, Shu-Yen (8) 1932-36; Lindaman, H. R. (2) 1931; Lindberg, G. N. (2) 1937; Linsdale, J. M. (3) 1936; Litson, Eliz. 1903; Lloyd, S. C. 1938; Lockwood, W. E., Jr. (2) 1935; Longley, W. H. (6) 1931-34; Longman, H. A. (3) 1934; Loveridge, Arthur (14) 1932-37; Lovering, Arthur (3) 1935; Luederwaldt, H. 1921; Lukens, R. M. (2) 1936; Lutz, Frank E. (2) 1934;

McAdams, Fred R. (2) 1934-37; McCord, J. D. (10) 1935-37; McCulloch, Allan R. (2) 1923; MacDonagh, E. J. (2) 1931-32; Macedo, Carlos Morvalles, 1939; Macintosh, E. H. (3) 1936; Major, Harlan (8) 1937-39; Marchand, J. M. (3) 1931-35; Markardt, Rudolph O. (2) 1935; Marley, H. W. Bell (78) 1922-36; Marshall, Bryon C. 1931; Masya, Luang (2) 1935; Matsubara, K. (2) 1938; Mayer, Fritz (35) 1932-36; Mayo, Nathan (2) 1913-36; Meehan, W. E. (2) 1898-1904; Meek, S. E. (7) 1901-03; Meinken, Herman (3) 1938-39; Mendes, A. L. (7) 1936; Merriam, John C. 1931; Mettee, Charles (4) 1938;

Miles, Cecil (33) 1939-41; Miller, C. C. 1931; Miller, Charles M. (2) 1937; Miller, Harry Edward (2) 1936; Miller, Robert (2) 1932; Millet, G. H. 1895; Mockford, Miriam S. (2) 1931; Moe, Henry Allen, 1935; Mohr, Charles E. (3) 1936; Monod, A. T. 1925; Monod, Theodore, 1938; Montalban, Heraclio R. 1928; Moore, J. Percy (8) 1929-38; Moorhead, C. H. 1904; Moorhead, Donald, 1934; Morcedo, C. Morales, 1939; Morelli, Carlos A. (2) 1936; Morey, C. R. (5) 1938; Morrow, William (2) 1937-39; Morse, S. R. (4) 1906-15; Mowbray, Louis D. (8) 1933-36; Mukerjii, D. D. 1931; Mumford, Edward P. (16) 1933-37; Myers, Frank (6) 1933-35; Myers, George S. (14) 1922-38;

Nelson, Thurlow C. (2) 1939; Nerrill, A. E. 1900; Netting, Graham (9) 1935-37; Niceforo, Maria (8) 1931-32; Nichols, H. A. (8) 1933-35; Nichols, J. T. (6) 1920-29; Nikolskij, G. (4) 1933-35; Noble, G. K. n. d.; Nolan, E. J. 1904; Norman, J. R. (4) 1933-35; Noronha, Adolfo Cesar de, 1928; Oehser, Paul H. (4) 1933-39; Ogilby, J. Douglas, 1925; Oklada, Yaichiro (2) 1933; Oliver, W. R. B. (2) 1934; O'Malley, Henry, 1930; Ortenburger, Al. I. 1922; Ortman, A. E. 1912; Oshima, M. 1921; Otter, Raymond, 1934;

Padermin, Ramon Rodriques, 1934; Palmer, R. H. (2) 1934; Palmer, T. S. (3) 1931; Parke, Fred C. N. (2) 1935; Parr, Albert Eide (2) 1935;

## Coll. 220 (cont.)

Pellegrin, Jaques (4) 1908-36; Pengelley, C. E. (2) 1939; Penn, George, Jr. (20) 1935-37; Pennock, C. J. 1900; Peterson, C. Bernard, 1939; Phelps, William H. 1934; Phillipps, W. J. (6) 1935-37; Piatt, Jean (2) 1935; Pickens, A. L. 1935; Pinchot, Gifford, 1932; Poll, Max (2) 1938; Pope, Clifford H. (2) 1936; Pope, T. E. B. (7) 1937; Pope, Vernon (2) 1937; Pottharst, Karl E. (2) 1934-35; Prashad, Bains (5) 1931-32; Procter, William (4) 1933;

Raj, B. Sundara, (6) 1933-34; Rambke, H. (6) 1936; Ramden, Charles T. (8) 1938; Raney, Edward C. (4) 1935-37; Rapp, William F. (8) 1939; Raven, H. C. 1934; Rehn, James, A. G. (3) 1936-38; Reid, Earl D. (9) 1934-39; Reimann, Edward J. (4) 1936; Richards, Leah B. (2) 1933; Richmond, Chester, 1931; Rider, A. J. (2) 1925; Ridgeway, Robert, 1921; Ritter, Laura (2) 1937; Rivero, Luis Howell (17) 1932-38; Robinson, Romer (3) 1920-22; Roddy, Justin, 1904; Rogers, J. Speed, 1937; Roosevelt, Kermit, 1933; Rosenberg, W. F. H. (2) 1934; Rosengarten, George D. (12) 1933-34; Ruossell, John E. (2) 1932; Rutherford, Hugo (4) 1934; Ruthvon, A. G., 1906; Ryan, John F. (2) 1932;

Sands, James (2) 1931; Sarman, S. n. d.; Satterthwait, Alfred F. 1932; Sharp, Benj. (2) 1901-04; Schauensee, R. M. de (4) 1933-38; Scheid, H. J. (2) 1931; Schmidt, Carl (17) 1917-31; Schneider, A. F. (2) 1936; Schouten, C. B. 1929; Schoutenden, H. (5) 1936; Schrenkeisen, Ray (2) 1935; Schriver, Robert L. 1921; Schroeder, William C. (4) 1932-39; Schultz, Charles (2) 1935; Schultz, Leonard (33) 1937-39; Scott, Glenroy W. (2) 1939; Seale, Alvin, 1925; Serié, Pedro (3) 1905-31; Sewall, Arthur W. (4) 1932; Shaw, Tsenhwang (2) 1925-29; Siah, Y. 1935; Sinde, Michilare, 1902; Slater, James R. (2) 1936; Slasteneman, E. P. 1936; Slevin, Joseph R. (2) 1938;

Smith, Cecil (4) 1936; Smith, H. M. (55) 1901-39; Smith, John B. 1907; Snodgrass, R. E. (2) 1901; Snyder, J. O. (2) 1904-24; Sowerly, C. de C. 1922; Span, Jas., Jr. 1904; Springer, Stewart (20) 1933-38; Stackhouse, H. R. (4) 1936-37; Stahl, Fred (2) 1935; Stead, David G. (6) 1932-38; Steine, John, 1928; Stejneger, Leonard (14) 1932-38; Sternke, W. A. (5) 1932; Stewart, Norman H. (12) 1928-37; Stillwell, Richard (3) 1939; Stoddard, H. L. (2) 1934; Stokes, John F. G. (2) 1926-27; Stone, Witmer, (8) 1900-31; Stoye, F. H. (6) 1932-35; Surface, H. A. (3) 1901-04; Sutton, Richard L. (3) 1935; Suvatti, C. (5) 1934-37; Suyi, G. H. 1922; Svetovidor, A. N. (7) 1933-37; Sweigart, Alexander P. (4) 1935;

Taining, A. V. 1928; Tanaka, Shigeho, 1929; Taranetz, A. 1937; Taunay, Alfonsode, 1932; Taylor, Edward H. (12) 1933-35; Tchang, T. L. (8) 1932-33; Tee-Van, John (10) 1932-39; Thomas, W. Stephen (9) 1931-39; Thompson, Eastburn (2) 1933; Thompson, S. C. (2) 1903; Thompson, W. F. (3) 1937; Timonier, (Mrs.) E. J. (31) 1935; Tortonese, Enrico (6) 1937-38; Trapido, Harold (2) 1937; Trautman, Milton B. (2) 1939; Troemner, J. Louis (23) 1931-39; Truitt, R. V. 1928; Tschudy, Earl H. 1928; Tullner, William, 1934; Turner, Lucy Shaw (3) 1930-31; Tweedie, M. W. F. 1936;

Urich, F. W. 1931; Valette, L. H. 1922; Van Denburgh, J. (4) 1921-23;

## Coll. 220 (cont.)

Vanderbilt, George (2) 1938; Vandergrift, F. B. 1924; Van Dusen, R. O. (2) 1931-34; Van Hyning, O. C. (4) 1931; Van Kamper, A. N. 1901; Verwey, Jan (2) 1931-32; Vincent, Clara, 1937;

Wade, F. (2) 1934; Wade, Joseph S. 1936; Waite, Edgar R. 1918; Walden, Lester D. 1934; Walker, Charles F. 1933; Ward, Melbourne (2) 1931; Waterman, Talbot H. (2) 1937; Weber, (Mrs.) (2) 1933; Webster, W. (3) 1934; Weed, Alfred C. (3) 1921-25; Wehrle, R. W. (29) 1933-39; Weinright, Albert, 1931; Welle, Monroe E. (2) 1937; Welsh, William W. (2) 1920; Werner, F. 1922; Wetherill, W. C. 1935; Wetmore, A. (9) 1932-37; Whaley, Francis W. 1933; White, Everett, 1937; Whitley, Gilbert P. (20) 1925-37; Wies, H. M. 1931; Williams, Francis E. (2) 1937; Williams, L. Kemper (2) 1937; Willits, I. P. 1896; Winsor, Ellen (3) 1938; Wolfe, Carver W. (5) 1931-32; Wood, G. B. (2) 1904; Woodhall, Francis Coleman (2) 1933; Woodward, H. L. (2) 1934; Woodward, Stanley (3) 1936-37; Wright, Albert H. (2) 1910; Wm, Hsien W. 1928; Wurfflein, G. J. D. (2) 1934; Yarnall, Alex C. (2) 1934; Young, M. W. (21) 1922-25; Zschokke, Theodore O. (2) 1931.

PENNELL, FRANCIS WHITTIER, 1886-1952. Biographies of botanists, n. d. 223 items.

His intense interest in the lives of early American botanists, especially those whose names appeared on the Academy's herbarium sheets as collectors, led to his accumulating a great deal of historical material over the years. Much in demand as a lecturer on this subject, he presented biographical sketches which were often published later. Included in this collection are finished biographies as well as his notes. Memoranda about botanical collectors have been roughly sorted into 10 categories, according to name sequence on herbaria sheets, geographical region, country and specialty. One folder is devoted to Quaker botanists.

Gift of Mrs. Pennell to the Department of Botany, archived by C. Earle Smith, Jr., in 1956 and in 1958.

\*Coll. 221

List of signers:

Allen, J. A. 1890; Baily, Joshua L., Jr. (4) 1941-42; Barnhart, John H. (3) 1924-26; Benson, Evelyn A. 1940; Cheston (Mrs.) Edward M. (2) n. d.; Collinson, Peter, n. d.; Draper, Benjamin, 1950; Ewan, Joseph (3) 1950-51; Fernald, M. L., 1929; Fowler, H. W. 1944; Gaskill, Louella Lippincott, 1926?; Haas, R. G. 1949; Hoopes, Thomas, Jr. 1950; Jones, Frank Morton (2) 1951; Land, Robert H. 1950; Leeds, Arthur N. n. d.; Leffman, Henry, n. d.; Merrill, E. D. 1929; Schneider, Evelyn J. 1943; Stewart, Geo. 1944; Tardieu-Blot, Madame, 1957; Taylor, G. 1953; Williams (Mrs.) Charles Barnes, 1929; Wise, Jane (on back of Collinson's letter.); Wright (Mrs.) Harry J., Jr., 1942.

WETMORE, FRANK ALEXANDER, 1886- Letters, 1909-37. 286 items.

Ornithologist, with special interest in bird taxonomy and classification of higher groups, in ecology, geographical distribution and fossils. This secretary of the Smithsonian Institution was actively associated with societies and organizations, both American and foreign, holding important offices in many. He was president of the American Ornithologists' Union from 1926-29 and much of the correspondence here gathered, pertains to its business. All are addressed to Witmer Stone, with collecting and exchange of specimens, biographical information about ornithologists and vertebrate societies freely discussed.

Gift of C. M. B. Cadwalader, 1939.

Coll. 222

PENNELL, FRANCIS WHITTIER, 1886-1952. Identifications of plants. 1921-51. 89 items.

These identifications of Scrophulariaceae from special geographical regions may be referred to plants from one of three sources (1) Pennell's personal collections made in the areas (2) from another collector or (3) from some herbarium from which specimens from special localities were lent for comparative study. The material is arranged by donor, rather than geographically. A second unindexed series of lists is arranged by locality.

A part of the manuscript prepared by Pennell for a paper on the distribution of the Scrophulariaceae and deposited in the library for preservation, awaiting another botanist who might finish the work. Archived 1958.

\*Coll. 223

PENNELL, FRANCIS WHITTIER, 1886-1952. Addresses, 1920-49. 34 items.

Some of the speeches were published in full, many were not. His ability to give a scholarly and accurate presentation created a demand for his frequent participation. Oftentimes he depended on mere outline notes on a scrap of paper, long since lost. Most deal with systematic aspects of botany, others discuss speciation, geographical distribution, field work and biographical facts about botanists.

From department of Botany, 1958.

\*Coll. 224

AMERICAN ENTOMOLOGICAL SOCIETY. Minutes, 1859-Dec. 21, 1950. 6 items.

The Society was founded as The Entomological Society of Philadelphia and continued as such until 1867 when its name was changed to the above. It was the first entomological society in the United States which is still in existence.

Beginning with the preliminary meeting Feb. 14, 1859, and continuing through the official founding on March 1, 1859, this record runs consecutively to the present. The current volume always remains in the possession of the Society secretary. In the third volume a few meetings are recorded only as

"rough minutes" pasted in the back, and of these, the minutes of three meetings seem to have been lost.

No index of these volumes has ever been prepared, and no duplicate copy of the minutes is in existence.

From Department of Insects, 1950.

Coll. 225

AMERICAN ENTOMOLOGICAL SOCIETY. PUBLICATIONS. Papers, 1861-1939. 428 items.

The approvals of the publication of various papers submitted have been preserved in a form book with pertinent information added. Of these we have three volumes 1861-1908 (forms 1-427), 1909-39 (forms 431-486), and 1910-39. The record book of the editor, J. A. G. Rehn, includes the schedule of receipts and publication of articles, monies spent and other records, for 1914-19. Included are loose documents and a letter file of the Publications Committee for 1917-19 including 425 letters.

Archived in 1951 and 1959 from the Department of Entomology. Coll. 226  
Signers:

Alexander, Charles P. (2) 1919; American Entomology Society—Publications Comm. (2) 1917; American Entomology Society—Transactions (2) 1916-18; Banks, Nathan (4) 1917; Blaisdell, Frank E., Sr. (5) 1919; Bowditch, Fred C. (3) 1919; Bradley, J. Chester (8) 1917-19; Braun, Annette F. (9) 1917; Bruner, Lawrence (4) 1918; Calvert, Phillip P. (3) 1918-19; Chamberlain, R. V. (4) 1917; Cockerell, T. D. A. (11) 1917-18; Cole, F. R. (16) 1918-19; Comstock, John (2) 1917; Crampton, G. C. (2) 1918; Cresson, Ezra T. (3) 1919; Dietz, W. G. (11) 1917; Fall, H. C. (8) 1917; Fernald, H. T. (6) 1919;

Gibson, Edmund H. (23) 1917-19; Girault, A. A. (2) 1917; Hershey Press, 1917; Hibbert Printing Company (2) 1918; Hood, J. D. (2) 1919; Kennedy, C. 1917; Marchand, Werner (5) 1917-18; Mickel, Clarence E. (5) 1917; Munz, Philip A. (2) 1918; Phototype Engraving Company, Inc. (2) 1919; Rehn, J. A. G. n. d.; Rumford Press (246) 1917-19; Sherman, John D. (2) 1917; Smith, Lucy W. (7) 1917; Swain, A. F. (4) 1917; War Trade Board, 1918; Whedon, A. D. (12) 1918-19; Williams & Wilkins Company, 1919; Williamson, E. B. (2) 1917.

RAFINESQUE, CONSTANTINE SAMUEL, 1783-1840. Papers, 1817-39.  
Microfilm. 32 items.

Letters, journal, essays, notes and letterpress pieces of a miscellaneous nature, touching on geography, native costumes, French grammar, inventions, negroes, personal travels, customs of Americans, agriculture, manufactures, etc. Some items seem to refer to parts of the author's book, The American Nations, 1836.

Gift of Charles Boewe, 1959. Prepared in 1958 by the University of Kansas, from its library of Rafinesque manuscripts.

Described in Proc. American Philosophical Society, v. 102, p. 590-5, 1958.

\*Coll. 227

RAVENEL, HENRY WILLIAM, 1814-1887. *Fungi exsiccata*, n. d. 1 item.

The notebook contains a list of this South Carolina mycologist's herbarium which is preserved in the Academy. The title reads: "Fungi exsiccata . . . et Fungi americani," by Ravenel.

From the Dept. of Botany, deposited by C. Earle Smith, Jr., 1957.

Coll. 228

KUNZE, JOHANNES. *Fungi selecti exsiccati*, n. d. 1 item.

This catalog of Kunze's *Fungi selecti exsiccati*, of 600 species which were collected by the German mycologist and preserved in the Academy's herbarium is undated.

From the Botany Department, deposited by C. Earle Smith, Jr. in 1957.

Coll. 229

BOWEN, WILFRED WEDGEWOOD, 1899- Field Notes, 1929. 2 items.

Ornithologist, entomologist, lecturer and assistant curator at the Academy, Bowen at one time worked for the Sudan government, for the Baldwin Bird Research Laboratory, for the U. S. Bureau of Plant Quarantine and for the museum of Dartmouth College. "The Gray African Expedition" made explorations in 1929 and while on safari, Bowen prepared a field catalog of birds collected and a rough draft of his detailed bird notes, both of which are a part of this ms. collection.

From the Vertebrate Dept. papers, 1954.

Coll. 231

ANSP. VERTEBRATE DEPARTMENT. Papers, 1832-1937. 78 items.

For long years the fishes, birds, mammals, amphibians and reptiles were a joint responsibility of the vertebrate department and of one curator, Witmer Stone. Our records include accession books, annual reports of the curator, papers about various collections, personnel, history, and techniques for handling skins, crania, eggs, and nests. Witmer Stone's descriptive report of the department and Sclater's remarks about the collections round out the papers. Archived with Witmer Stone's papers.

\*Coll. 232

Signers:

Fowler, H. W.; Sclater, P. L.; Stone, Witmer.

INDICES TO GENERA (CONCHOLOGY), 1873? 1 item.

Indexes to genera appearing in three conchological works, (1) L. A. Reeve's Conchologia Iconica, 1873, (2) J. E. Chenu's Illustrations Conchyliologiques, and (3) Conchylien Cabinet. In a notebook, the handwriting not identified.

From the Library's Conchological tracts, 1961.

Coll. 233

BROWN, ARTHUR ERWIN, 1850-1910. Papers, 1892-1910. 68 items.

Herpetologist and mammalogist, once the Superintendent of the Philadelphia Zoo and secretary of its Zoological Society, manager of the Wistar Institute and at the time of his death, vice-president of the Academy of Natural Sciences and chairman of its Board of Curators. Collection 234 contains three lists (1) Alcoholics for ANSP, 1906 (2) Contents of jars presented in 1902, and (3) a record of Reptilia and Amphibia for the State Collection, dated "Jan. 28, 1894 at Amesbury, Menina R. 3 miles south of North Bridge." The latter is unsigned but J. A. G. Rehn identified Brown's handwriting. Also 65 letters addressed to Witmer Stone.

From the Vertebrate Department. 1959.

Coll. 234

ANSP. GEOLOGY AND PALEONTOLOGY DEPARTMENT. Papers, 1831-1960. 21 items.

A recent history of the department, and a statement of progress on a catalogue of fossil types—both by Horace G. Richards; data on the Academy's collections; field notebooks; Brooklyn Museum fossil catalogue; unpublished fossil treatise; correspondence; and a photostatic copy of a catalogue of State Geological Cabinet, 1st Geological Survey of Pennsylvania 1836-58, presented by H. D. Rogers.

Gift of H. D. Rogers, H. G. Richards, and Samuel G. Gordon. \*Coll. 235  
Signers:

Brown, Charles; Chaffee, Robert G.; Hodges, Leigh Mitchell; Perot, T. Morris, Jr.; Richards, Horace G.; Rogers, H. D.

SCHIÖLER, EILER LEHN, 1874-1929. Bird Collection papers, 1929-30. 26 items.

When this Danish ornithologist died, his heirs wanted to sell his famous collection, variously estimated as worth \$30,000. to \$100,000. Several museums in America joined together to make a bid. This correspondence and a 15-page list of the specimens are assembled here. The Schiöler collection was subsequently, 1932, reported as being placed in the Copenhagen University Museum.

From Vertebrate dept., 1950.

Coll. 236

List of signers:

Bangs, Outram, 1930; Barker, Samuel H. (6) 1930; Cadwalader, C. M. B. 1930; Murphy, Robert Cushman (7) 1929-30; Reventlow, Aage, 1929; Schiöler, Eiler Lehn, Jr. (3) 1929-30; Stone, Witmer (4) 1929-30; Taverner, P. A. (2) 1930.

Du CHAILLU, PAUL BELLONI, 1831-1903. Papers, 1895. 2 items.

This traveler, anthropologist, naturalist, and lecturer was commissioned by the Academy to explore certain deltas of African rivers. He confirmed ancient accounts of pygmy people but stirred up much controversy with his

books on Africa. His collections of birds were in part obtained by the Academy, various members contributing and three groups were added 1860-62. When in 1888 the Academy's bird specimens were cataloged, 419 of Du Chaillu's African skins were located.

A letter to Welsh thanks him for his note and ticket to a concert at Trinity College, Apr. 22, 1895. The accompanying clipping is a long eulogy of DuChaillu.

Gift of Robert F. Welsh, 1936.

Coll. 237

DUDLEY, WILLIAM. (of Wisconsin) Description of a species of crane found in Wisconsin, presumed to be new, 1854. 1 item.

Amateur ornithologist and secretary of the Wisconsin Natural History Association, Dudley sends this description to the Academy of Natural Sciences to be read at its meeting and published in the Proceedings where it appeared on page 64 for 1854. The description has a note appended by P. R. Hoy stating that in his opinion the bird is definitely a new species.

Gift of the author, 1854.

Coll. 238

ANSP. CORRESPONDING MEMBERS. Autobiographies, 1902-26. 183 items.

Biographies of 182 corresponding members, 1902-26 mostly prepared by the correspondents themselves. These were supplied at the request of the corresponding secretary for the Academy's "Portfolia of Photographs and Biographies."

Gift of the authors.

Coll. 239

Signers:

Adams, Frank Dawson; Andrews, Charles William; Arthur, J. C.; Baltzer, A.; Bedel, L.; Boettger, Oskar; Bouvier, Louis Eugene; Boveri, Theodor; Bowers, Stephen; Brady, George Stewardson; Brewster, Wm.; Brigham, William Tufts; Brögger, Waldemar Christofer; Brooks, William Keith; Brown, Robert; Brunton, Lauder; Buckton, George Bowdler; Calmette, Albert Leon Charles; Capellini, Giovanni; Carruthers, William; Chamberlin, Thomas Chowder; Clark, Henry James; Clark, William Bullock; Clarke, John Mason; Cockerell, Theodore Dru Allison; Collett, Robert; Comstock, John Henry; Cooke, Mordecai Cubitt;

Dautzenberg, P.; Dawkins, Wm. Boyd; Deane, Walter; DeVries, Hugo; Dewalque, G.; Gresser, Henry; Duns, John D.; East, Edward Murray; Ellis, Job Bicknell; Engler, Adolf; Fairchild, Herman LeRoy; Farlow, William Gilson; Fayer, Sir Joseph; Friele, Herman; Fritsch, F.; Furbringer, Max;

Gaudry, Albert; Geike, Archibald; Geike, James; Gliddon, George Robins; Glück, Hugo; Goldschmidt, Victor; Gorgas, William Crawford; Gosselet, Jules; Grabau, Amadeus W.; Graff, Ludwig von; Grant, James Alexander; Grassi, Battista; Gregorio, Marquis Antonio de; Grehant, Louis Francois Nestar; Grenacher, Hermann; Grinnell, Joseph; Grote, Augustus Radcliffe; Groth, Paul Heinrich; Günther, Albert; Guppy, Robert John Lechmere; Guyer, Michael Frederic;

Haas, Fritz; Haeckel, Ernst; Hartert, Ernst J. O.; Heller, Edmund; Hellmayr, Charles E.; Hertwig, Richard; Hidalgo, Joaquin Gonzalez; Hirase, Yoichiro; Hitchcock, A. S.; Hochstetter, Ferdinand; Hoernes, Moriz; Hoernes, Rudolf; Holmes, William Henry; Hooker, Joseph Dalton; Hubrecht, Ambrosius Arnold Wollem; Hull, Arthur Francis Bassett; Hutton, Frederick Wollaston; Ihering, Hermann von; Ishikawa, Chiyomatsu; Jones, Lewis Ralph; Jones, Thomas Rupert; Jones, William H.; Jordan, David Starr; Jordan, H. E. Karl; Judd, John W.;

Karpinsky, Alexander; Keith, Sir Arthur; Kellogg, Vernon S.; Kingsley, John Sterling; Koellicker, A.; Kufoid, Charles Atwood; Koto, Bundjiro; Lang, Arnold; LeFort, G. de Lorient; Lillie, Frank Rattray; Locard, Arnold; McMurrich, James Playfair; MacOwan, P.; Martens, Edward Karl von; Martin, K.; Maskelyne, Nevil Story; Mast, S. O.; Maury, Carlotta Joaquin; Mayer, Alfred Marshall; Mayr, Gustav; Merrill, Elmer Drew; Merrill, George Perkins; Minot, Charles Sedgwick; Mitchell, Peter Chalmers; Mojsisovics, Edmund von; Moore, George Thomas; Monterosato, Tomasso Allery di Marquess; Morgan, C. Lloyd; Nelson, Aven; Newton, Alfred; Ochsenius, Charles Chr.; Osten Sacken, C. R.; Preudhomme de Borre, Alfred; Punnett, Reginald Crundall; Putnam, Frederic Ward; Rau, Eugene; Raulin, F. Victor; Reichenow, Anton; Renevier, Eugéne; Retzius, Gustaf; Ritter, William Emerson; Robinson, Benjamin Lincoln; Rothschild, Nathaniel Charles; Roux, Wilhelm; Roviroso, José N.;

Sarasin, Paul Benedict; Sars, G. O.; Saussure, Henri Louis Frédéric de; Scharff, R. F.; Seeley, Harry Govier; Seward, Albert Charles; Shufeldt, Robert Wilson; Sjöstedt, Yngve; Smith, Edgar Albert; Stanley, Henry M.; Stejneger, Leonhard; Sternberg, George Miller; Stevenson, John James; Stiles, Charles Wardell; Stone, Witmer; Strassen, Otto Ladislaus; Tanamelli, Torquiato; Toula, Franz; Townsend, Charles; Thackara, José M. Serrano; Thistleton-Dyer, Wm. Turner; Trelease, William; Ulrich, Edward Oscar; Vejdovzky, Frantisch; Walcott, Charles Doolittle; Ward, Henry Augustus; Weberbauer, August; Wenz, Wilhelm; Werner, Alfred; Wetmore, Alexander; Whitfield, Robert Parr; Whitman, Charles Otis; Wiedersheim, Robert Ernst Eduard; Wijhe, J. W. van; Wilder, Burt Green; Zacharias, Otto.

DYAR, HARRISON GRAY, 1866-1929. Letters, 1891-1912. 59 items.

For many years connected with the Entomological Service in the U. S. National Museum he was there curator of Lepidoptera. He had two specialties, one in the larval forms of Lepidoptera and second in the biology and taxonomy of mosquitos. The letters in this collection are all addressed to Henry Skinner and deal with Lepidoptera, in relation to exchange of material and knowledge between the two entomologists.

Archived from the Department of Insects, 1950.

Coll. 240

DIXON, SAMUEL GIBSON, 1851-1918. Papers, 1892-1918. 177 items.

President of the Academy, 1891-1918 and head of the Pennsylvania Board of Health, his papers here mainly relate to the Academy. Playing an important role in the Centenary Celebration, his correspondence for that occasion is with local and state political and society personalities rather than with scientists, and is mainly placed with the Academy's Centenary Celebration papers. The letters in Dixon's file are concerned with other matters of a general scientific nature. Biographical details are included in the form of obituary news clippings.

Archived.

Coll. 241

Signers:

Allen, Harrison, n. d.; Baen, G. F. (2) 1902; Brinton, J. B. 1893; Chance, H. M. 1912; Dalziel, John, 1894; Davis, G. M. 1892; Dixon, S. G. (5) 1912; Fowler, H. W. 1893 ?; Glenny, W. H. 1896; Hall, James (3) 1894; Hamilton, S. H. (3) 1896-1904; Harris, E. D. (2) 1905; Harris, G. D. (2) 1893-94; Harrison, G. L. 1902; Heilprin, Angelo (2) 1892; Higgins, H. T. 1894; Hoffman, M. S. 1897; Hoffman, W. J. (2) 1895; Howard, L. O. 1896; Hubbert, H. H. 1895; Irurio, Allen, n. d.; Irwin, Allen (2) 1904;

Jefferis, W. W. 1894; Kajeunnofl, W. 1895; Keeley, F. J. (2) 1912; Kenyon, F. C. (3) 1896; King, J. B. S. 1905; Kingsbry, J. S. 1896; Lambert, J. H. (4) 1904; Letson, J. E. (3) 1896; Liebeck, Charles, 1893; McElroy, Clayton, 1912; McGregor, J. H. 1903; Machette, H. Q. 1893; McMichal, J. P. 1912; Mann, C. M. 1812; Mason, John, Jr. 1893; Mason, O. W. 1894; Meehan, Thos. 1892; Meek, S. E. 1895; Melnikoff, Michel, 1896; Mercer, H. C. n. d.; Mercer, F. T. 1912; Miller, L. W. 1894;

Montgomery, T. L. 1893; Moore, C. J. 1896; Moore, C. B. (6) 1893-97; Moore, J. P. (3) 1912; Morris, Benj. 1905; Morris, Harrison S. 1896; Morse, A. P. 1892; Mott, J. L. 1912; Nolan, E. J. (4) 1895-1913; Palmer, T. C. 1912; Pennell, H. Y. (2) 1893; Pilsbry, H. A. 1903; Prentiss, A. H. 1893; Putnam, F. W. (2) 1893-94; Raker, (Mrs.) H. 1895; Rehder, Louis E. 1892; Reinicke, W. R. 1894; Rhoads, S. N. (2) 1894; Ridenour, C. E. 1893; Rothermel, P. F., Jr. 1893; Ruschenberger, W. S. W. (7) 1893-95;

Schaffer, (Mrs.) Chas. 1904; Schlechter, R. 1904; Sharp, Benj. 1901; Skinner, Henry (4) 1895-1905; Snyder, E. W. 1905; Starr, G. E. (2) 1892-1912; Stiles, C. W. 1893; Stone, Witmer (2) 1893; Taylor, (Mrs.) H. P. (2) 1895; True, F. W. (2) 1893-94; Vaux, George, Jr. (6) 1892-1895; Visjewnidoff, Al. 1895; Voorhees, F. M. n. d.; Walker, C. T. 1904; Wamsley, F. W. 1896; Watts, H. M. 1896; Wiches, W. H. 1904; Willcox, Joseph (4) 1893-1904; Williamson, L. A. (2) 1904-05; Willoughby, H. L. (2) 1903; Wilson, Thomas (3) 1894; Wilson, W. P. 1894; Woodward, J. A. 1892.

BECKEN, J. Lists of Lepidoptera, 1850. 2 items.

The exchange lists of this Parisian Lepidopterist are entitled "European Lepidoptera" and "Geometria". On the back of the latter is the annotation:

"List of Lepidoptera presented to the Acad. Nat. Sci. by S. S. Haldeman".

The first list is signed by J. Becken; both are in the same hand.

Gift of S. S. Haldeman, 1850.

Coll. 243

PENNSYLVANIA. Appropriations and Financial Aid, 1831-1949. 44 items.

A collection concerned largely with attempts of the Academy to secure legislative grants by the State for aid in construction of a building. It contains petitions for grants, legislative acts, reports of committees, agreements, accounts, requests for exemption from taxes and correspondence.

Archived.

Coll. 244

Signers of letters and documents:

Bridges, Robert, 1869; Dearolf, Kenneth, 1949; Dechert, Robert P., 1871; Dixon, Samuel G. (3) 1897-1911; Gibson, Henry C. 1890; Gordon, Samuel G. 1949; Kirkpatrick, W. S. 1889; McCammant, Thomas, 1892; Nolan, Edward J. (2) 1915; Pattison, Robert E. 1891; Platt, Franklin, 1878; Roberts, S. Raymond, 1913; Ruschenberger, W. S. W. (4) 1871-92; Schober, Frederick, 1893; Tryon, Geo. W., Jr. (2) 1869-77; Welsh, John, 1869; Whelen, Edward T. 1869; Wistar, I. J. (2) 1890-92.

DRINKER, S. (Capt.) Letters, 1854-55. Photostats. 2 items.

This ship's captain wrote from Canton, China to (1) Adams Express Office, New York, concerning the shipment of an Argus pheasant, duckbilled platypus and two shells to the Academy of Natural Sciences of Philadelphia (2) John Cassin, secretary of the Academy about the shipment of a jar containing nutmegs in all stages, and saying he had no answer to the first letter.

Gift of R. M. de Schauensee, 1956.

Coll. 245

VOGDES, ANTHONY WAYNE, 1843-1923. Annotation, 1889. 1 item.

Inscription by Vogdes at head of no. 4, of v. 1, of Conrad's Fossil Shells of the Tertiary Formations of North America, (reprint) reads: "Reprint by A. W. Vogdes at Fort Hamilton, 1889- Copied from mss. copy - (Prof. R. P. Whitfield's) A. W. V." Includes p. 39-52, but since the pagination differs from the original edition, each page is marked by Vogdes with a short bar at the beginning of each original page, as proven by the various species listed.

Donated to the Academy, Apr. 16, 1901, probably by Capt. Vogdes.

Coll. 246

ANSP. Writings of early members, 1814-62. 236 items.

Although most of these treatises appeared in the Academy's early serials, some predated that time. A list of the articles by some 81 naturalists has been prepared and is available for reference. The papers themselves deal with all sorts of natural history subjects, some of the more prolific authors

being: Spencer F. Baird, John Cassin, Charles Girard, Gerard Troost, Lardner Vanuxem, and S. W. Woodhouse. These writings are preserved with the intention of providing research workers with examples of the techniques used by individual workers in preparing reports for publication.

Archived.

Signers and authors:

\*Coll. 247

Abbott, Charles C. (2) n. d.; Baird, Spencer F. (11) n. d.; Berlandier, Dr. 1851; Bigsby, J. J. 1825; Blake, William P. n. d.; Browne, Peter A. n. d.; Buckley, S. B. (3) n. d.; Burnett, W. G. 1851; Cassin, John (34) 1840-57; Coates, B. H. n. d.; Coates, R. 1825; Collens, Baron de, 1818; Couch, D. N. n. d.; Couper, J. Hamilton, n. d.; Dana, James (3) 1845; Davidson, George, n. d.; Dawson, John William, 1854; Deablate, G. 1822; Dietz, R. (2) 1822-23; Emmons, E. 1859; Evans, John (2) 1790-1862; Ford, Henry A. 1851; Genth, F. A. (6) n. d.; Germain, (of Burlington), 1847; Gibbes, Roth W. (5) 1847; Gibbons, William P. (3) 1846-54; Gilliams, Jacob, n. d.; Girard, Charles (15) 1853; Green, Jacob (2) 1825;

Haines, Reuben, n. d.; Harper, L. n. d.; Harris, Edward (3) 1845; Harvey, W. H. n. d.; Heerman, A. L. (2) n. d.; Henry, T. Charlton, 1853; Hoy, Philo H. (5) 1852; Jackson, William, 1814; Jessup, A. E. 1821; Jones, Joseph, n. d.; Keller, William (2) n. d.; Kennicott, Robert, n. d.; King, Alfred (4) 1845; Lea, Isaac (4) 1831-53; LeConte, John L. (21) 1852-57; McCall, George A. n. d.; Maury, M. F., n. d.; Mitchell, J. Weir, 1853; Mitchill, Samuel L. n. d.; Ord, George (2) 1818-22; Owen, D. D. (4) n. d.;

Pease, William H. n. d.; Peirce, Jacob (2) 1818; Phillips, I. J. n. d.; Poepping, Edward, 1824; Rafinesque, C. S. n. d.; Ravenel, Edmund, n. d.; Read, M. C. n. d.; Retzius, A. n. d.; Rousseau, Jean Jacques, 1825; Sager, Abraham, 1856; Savage, Thomas Slaughter (3) n. d.; Seybert, Henry, 1822; Shumard, B. F. n. d.; Strain, J. G. 1846; Summer, Thomas J. 1852; Taylor, Richard C. 1849; Townsend, J. K. n. d.; Troost, Gerard (8) 1822-25; Toumey, M. (3) 1854; Uhler, P. R. n. d.; Vanuxem, Lardner (9) 1821-25; Wetherell, Charles M. (3) n. d.; Winchell, Alexander, n. d.; Wood, Horatio C., n. d.; Wood, William W. (2) 1824-25; Woodhouse, S. W. (9) 1852; Worth, James, 1823; Wright, John, 1815; Ziegler, Daniel, n. d.; Zollickoffer, William, n. d.

SCHWEINITZ, LEWIS DAVID von, 1780-1834. Biographical data and personalia, 1817-1938. 51 items.

When Schweinitz as a boy accompanied his parents to Germany, he soon found an opportunity to engage in his favorite pastime, botany, choosing the Fungi for special study. Several publications resulted from his European studies, but that work was interrupted by his transfer, by the Moravian Church, to Carolina where his avocation carried him through many years of botanical collecting in America. In 1821 he was again transferred, this time to Bethlehem, Pa. where he was in charge of all Moravian activities in America.

He had become a member of the Academy and bequeathed a large part of his scientific effects to this institution. Our holdings consist of a transcript

of Bishop Edmund de Schweinitz' manuscript "History of the family of the von Schweinitz," notes and letters about the Nazareth Moravian school which he attended in childhood, and letters about Schweinitz. A section about his library, its disposition, lists, orders and letters with four certificates of membership in learned societies, complete the Academy's holdings.

Gifts from Schweinitz, E. A. Rau, of the grandson George E. de Schweinitz, or of great granddaughter in Winston-Salem, 1834-1935. Assembled by F. W. Pennell. \*Coll. 248

BROOM, ROBERT, 1866-1951. Letter, 1938. 1 item.

Physician and distinguished South African paleontologist and Elliot Gold Medalist of the U. S. National Academy of Sciences. He occupied the chair of geology and zoology at Victoria College, Stellenbosch and later was appointed to a post in the Transvaal Museum. He was chiefly known for his studies on mammal-like reptiles. This letter addressed to C. M. B. Cadwalader, explains his theories on certain fossils. Illustrated with pen and ink sketches.

Archived, 1960.

Coll. 249

CHAPMAN, HENRY CADWALADER, 1845-1909. Papers, 1901-11. 4 items.

This physician's activities in Philadelphia were spread chiefly among three organizations, the University of Pennsylvania, the Zoological Society and the Academy of Natural Sciences, in all of which he held various offices. Although publishing his research in many fields of biology and natural science, his speciality was fossil shells. His drawings on stone illustrated much of the American Journal of Conchology.

The papers consist of one letter to Samuel G. Dixon, 1901 and three letters from Mrs. Hannah M. Chapman (widow) to Edward J. Nolan concerning biographical material, 1909. Coll. 250

JONES, MARCUS EUGENE, 1852-1934. Itineraries of botanical collecting trips, 1875-1919. 4 items.

The history of Marcus E. Jones' botanical travels, begins in 1876 in Grinnell, Iowa. He botanized all the western U. S., southern British Columbia and the northern states of Mexico. Our material includes a typescript copy of an autobiographical record preserved at Pomona College, "Botanical Exploration of Marcus E. Jones, 1875 to 1919", p. 1-10, 25-34, a six-page breakdown of his "Itinerary for 1894," prepared by F. W. Pennell in 1916, and two letters addressed to Pennell in 1917. Many references occur to other collectors and to obscure geographic localities which did not appear on published maps.

Gift of Mrs. Pennell in 1952, but archived from the Dept. of Botany by Earle Smith, Jr. in 1958. Coll. 252

AMERICAN ENTOMOLOGICAL SOCIETY. TREASURER. Papers, 1859-1953. 75 items.

Original receipt book, 1859-71, cashbook, 1860-76, membership accounts, 1859-76, recent bank statements and annual reports 1885-89, 1905-26, 1929-53.

Archived from Department of insects, 1960.

Coll. 253

CADWALADER, CHARLES MEIGS BIDDLE, 1885-1959. Papers, 1933-59. 226 items.

While president of the Academy Mr. Cadwalader entered into many projects to further the Academy's collections, personnel and usefulness to the community. This activity was rewarded by the presentation of the Philadelphia Award in 1934, i. e. the Bok award. While many biographical items are included in this collection, it is in large part a record of events leading up to this award, his sponsors, his letters of congratulation, his acceptance and other matters directly concerned with the occasion. The collection also contains the certificate presented at the evening affair, the report of the award committee, the program of the evening's event and the various news clippings pertaining to it.

From Cadwalader's files, 1959.

The letters from sponsors are listed below, but the 143 letters of congratulations, filed alphabetically, have not been indexed.

Coll. 254

Signers:

Benson, R. Dale, Jr. 1934; Brazier, E. Josephine, 1934; Clark, Clarence H. 1934; Foster, Frank B. 1934; Harrison, George L. 1934; Henry, T. Charlton, 1934; Hopkinson, Edward, Jr. 1934; Ingersoll, R. Sturgis, 1934; Jackson, Albert A. 1934; Kuhn, C. Hartman, 1934; Madeira, Percy C. 1934; Madeira, Percy C., Jr. 1934; Maguire, Margaret T. 1933; Morris, Effingham B. (2) 1933-34; Newbold, Arthur E. 1934; Pepper, William, 1935; Saul, Walter Biddle, 1934; Stuart, George H. 1934.

CARNIER, (of Dijon, France). Coleopteres d'Europe, No. 6, 1862. 1 item.

A sales list of the French coleopterist in a facsimile copy in his hand. Found in H. R. Schaum's Catalogus coleopterorum Europae, 1859, and archived in 1955.

Coll. 255

ANSP. EXHIBITS. Papers, 1868-1946. 45 items.

The committee in charge of exhibits was erected in recent years for the obvious purpose. Committee reports were preserved for 1938 and 1939 when Stephen Thomas was Secretary and H. T. Green acting Secretary. A few of the papers relate to museum groups, while many of them refer to the display of minerals under the supervision of S. G. Gordon, 1935-46. Finally various

papers are assembled with the inclusive dates of 1868-1940 which carry the names of W. S. W. Ruschenberger, E. J. Nolan, and Wharton Huber.

Archived.

Coll. 256

Signers:

Gordon, S. G. (20) 1938-46; Green, H. T. 1939; Huber, Wharton, 1935; Nolan, E. J. 1916; Ruschenberger, W. S. W. 1868; Thomas, Stephen, 1938.

RAU, EUGENE ABRAHAM, 1848-1932. Papers, 1872-85. 67 items.

This lot consists of biographical data including newspaper clippings; short articles by Rau; miscellaneous notes on his special interests in mosses and fungi; notes on Colorado and Kansas mosses; list of some plants in his herbarium; diary of a trip to Florida and a calendar of events. Also to be found here is a report of F. W. Pennell on Rau's bequest of specimens and books to the Academy.

Gift of the author. Retained in the Botany Dept. by Pennell; archived, 1952.

\*Coll. 257

LOCKE, JOHN, 1792-1856. Sketch, 1846. 1 item.

This Cincinnati physician, botanist and geologist was elected to the Academy in 1841. This sketch of a fossil sea star was published in the Proceedings in 1846, illustrating his treatise: On an Asterias from the bluestone of Cincinnati.

Gift of the author, 1846.

Coll. 258

MERCER, HENRY CHAPMAN, 1856-1930. Treatise, 1893. 1 item.

Anthropologist member of the Academy of Natural Sciences, his work was chiefly in the subject field of fossil relics and artifacts. The present treatise typewritten and signed in 1893 describes fossil remains of Lookout Mt.

Gift of the author, 1893.

Coll. 259

MICHAUX, FRANÇOIS ANDRÉ, 1770-1855. Papers, 1785-1813. 32 items.

French botanist and explorer in America, assistant to his father André Michaux, nurseryman of New Jersey and South Carolina. In 1806 Francois began his study of North American trees to be published in Paris a few years later. It was illustrated by A. J. Redouté and Bessa in stipple engraving. Later an English edition, North American Sylva was published in this country, illustrated by the same copper plates, which Wm. Maclure had purchased. Francois' interest in the American Philosophical Society was shown in his bequest of a Michaux Fund which was utilized in part to create the Michaux Memorial Grove of oaks in Fairmount Park, Philadelphia.

The papers consist of 31 "Proof Prints of Michaux's Arbres Forestiers de l'Amerique", 1810-13, an original drawing of the Norway Maple and a

specimen packet cover which accompanied Michaux' herbarium specimens, of 1785-87.

Gift of Wm. Maclure, in part, 1835.

Coll. 260

POTTS, EDWARD, 1830-1912. Asclepias treatise, 1879. 1 item.

Amateur botanist and student of sponges, Potts was best known for his publications about fresh-water sponges. He was a member of the Academy who reported the information herein contained at the meeting on Oct. 12, 1879. This was published verbatim in the Proceedings for that meeting but the Minutebook has only an abstract of his remarks. It is not in the handwriting of Edward Potts nor in that of Nolan, the recording secretary, but on the back is a filing notation in the unidentified hand stating that it is a communication of E. R. Potts, Oct., 1879. This must surely be in error since Edward Potts is the acknowledged author of the published article and was present at the meeting when the oral report was given. The remarks may have been written for Edward Potts who handed them to the secretary for inclusion in the minutes.

Gift of the author and archived from the Botany Department in 1955.

Coll. 261

PATRICK, RUTH, 1907- Papers, 1940-49. 2 items.

Botanist, and curator of limnology at the Academy, specializing in the study of diatoms and of biological surveys of streams. Papers consist of a typescript "List of books and papers on diatoms," 1940 and a biographical sketch of Thomas Summerville Stewart, 1950.

Gift of the author.

Coll. 262

STONE, WITMER, 1866-1939. Biographical materials, 1893-1941. 1 manuscript box.

Naturalist, botanist, zoologist, editor and historian, Witmer Stone came to the Academy in 1888 just after graduating from the University of Pennsylvania. His first connection with the Academy was as a Jessup Student, but his long association lasted more than fifty years and while at the Academy he was concerned with scientific observations and administrative work. As an executive he was Assistant Curator, 1891-1908, Curator, 1908-24, Director 1924-28, Director Emeritus 1929 on. However, from 1927 to the date of his death he was also a vice president of the Academy. His writings concern birds, mammals, reptiles, plants, butterflies and land mollusks in the scientific field, and historical notes and biographies of scientists in the field of humanities. He was acutely interested in people and the organization of groups for study and discussion. As a boy he and his brother Frederick with their neighbors Amos and Stewardson and other Brown brothers organized a group called the Wilson Natural Science Association. This met weekly in the Stone home and was concerned with an attempt to study all the plants, animals and minerals in the vicinity of their Germantown residences.

Later, he helped to organize the Delaware Valley Ornithological Club, the Philadelphia Botanical Society and the Pennsylvania Audubon Club. He was also very active in the American Ornithologists' Union and in the American Society of Mammalogists. Many of his colleagues have written biographies of Witmer Stone, biographies from all aspects of his contacts. However, it is left to Henry W. Fowler, the Curator of fishes at the Academy to give us in his reminiscences some insight into the background and early homelife of Witmer Stone. As editor of *The Auk* Witmer Stone included reviews of most of the important ornithological works during his tenure of office, at the same time publishing biographies of his colleagues.

This collection consists of a few letters by Stone and biographies, news clippings and special letters at the time of his death, as well as an unclassified box of papers pertaining to honors and society activities. Coll. 263

STEWART, GEORGE. "Researches on the Manners of the Ants Inhabiting the Middle part of Europe," 1812. 1 item.

A translation of Pierre Huber's French paper issued in 1810, which was undertaken for the Academy.

Gift of the author, n. d. Coll. 264

MACFARLANE, JOHN MURHEAD, 1855-1943. Fishes the Source of Petroleum, 1922. 1 item.

This Scotch botanist visited the United States in 1891 to deliver a speech on insectivorous plants before the American Association for the Advancement of Science. He remained here as professor of botany at the University of Pennsylvania and Director of the Botanic Garden there, which position he held until 1920. The single item in this collection, a mimeographed eight-page treatise, called simply, "Summary of Results" bears the autographed inscription: "Fishes the Source of Petroleum".

Gift of the author, 1923. Coll. 265

LAMARCK, JEAN BAPTISTE PIERRE ANTOINE de MONET de, 1744-1829. Writings, 1810-20. Photostats. 5 items.

Five holographic papers in the library of the Museum of Comparative zoology at Harvard, form an octavo volume presented by Alexander Agassiz, who purchased them in Paris in 1896. For a complete description, see "The Lamarck Manuscripts at Harvard", by W. M. Wheeler and Thomas Barbour, Harvard Press, 1933.

The title-page lists 6 titles, the last of which is simply a grouping of the plates included and not the botanical manuscript numbered 6 by the editors of the published work cited above. \*Coll. 266

LANGSTROTH, LORENZO LORRAINE, 1810-1895. Treatise, 1850. 1 item.

Philadelphia clergyman and apiculturist who revolutionized beekeeping practices by the invention of the movable beehive. A member of the Academy

who collaborated with Joseph Leidy who did the microscopical work on the honey bee. Langstroth is known as "The Father of American Beekeeping." A holograph copy of his article: "On the impregnation of the eggs of the Queen bee", published in the Proceedings of the Academy, v. 6, 1852 p. 49-50.

Gift of the author, 1853.

Coll. 267

LANKESTER, SIR EDWIN RAY, 1849-1929. Treatise, 1884. 1 item.

British biologist and director of the Natural History Department of the British Museum, 1898-1907. He was Professor of Zoology and Comparative Anatomy at the Royal Institution, London, and in 1884 he founded the Marine Biological Association, becoming its President in 1892. He did valuable research on the comparative structure of animals, living and extinct. The paper with its 14 colored plates is entitled "Mollusca," which appeared in the Encyclopedia Britannica, of 1884.

Coll. 268

LEA, HENRY CHARLES, 1825-1909. Drawings, 1843. 55 items.

Publisher, political reformer and world historian, this son of Isaac Lea assisted his father in illustrating and describing fossil shells. These plates containing 55 shells are two of the four plates used to illustrate H. C. Lea's Description of Some New Fossil Shells From Teritary of Petersburg, Virginia, published in the transactions of the American Philosophical Society, New Series, v. 9, p. 229-274, 1843. The two plates are signed by H. C. Lea and the identifying legend in his hand.

Gift, A. H. Lea, 1931.

Coll. 269

LEA, ISAAC, 1792-1886. Lea and Conrad Controversy papers, 1855. 3 items.

During the 1830's a great controversy developed regarding the date of publication and consequent priority of names of fossils described by two paleontologists, Isaac Lea and Timothy Abbott Conrad, both closely associated with the Academy of Natural Sciences. Each studied material from Claiborne, Alabama. The initial papers appeared in 1833, and never during his lifetime did either retract his claim to priority. In 1853 Conrad published "A synopsis of the Family Naiades of North America." The first sentence claims the attempt to give synonymies for those descriptions published by Lea which were still in doubt as to date of issue. Twenty-five pages of corrections follow. The next year Lea countered with a "Rectification" in which he virtually discards everything Conrad says. The Academy's copy "New Fresh Water Shells of the U. S.", 1834 by T. A. Conrad, contains voluminous notes of Isaac Lea, which were later used in his "Rectification". Of the latter publication, the Academy has the complete holograph and the page proofs of the same article. The manuscript carries a note signed "I. L. April, 1855" to the effect that the Academy did not publish the complete article, which this copy contains.

Gift of Miss Frances Lea and Rev. L. T. Chamberlain, 1894.

Coll. 270

FOWLER, HENRY WEED, 1878- Bibliography, 1897-1960. 2 items.

The first is a typescript copy of Mr. Fowler's card file of his writings, listing 605 titles, prepared by Venia T. Phillips, edited by Mr. Fowler, 1959 and brought up to date by them in 1961. His first paper (on birds) was erroneously published as Witmer Stone's contribution. The second bibliography was mimeographed, not under Mr. Fowler's supervision but by Robert Harry Rofen who copied it in 1953 while a member of the Academy's staff. This incomplete bibliography was distributed by Rofen to his own correspondents in March, 1960. Inclusive dates 1899-1953.

Gift.

Coll. 271

LEVIS, RICHARD J., 1827-1890. Letter, 1872. 1 item.

Signed letter addressed to James Aitken Meigs presenting a copy of his book about a Journey to Cuba. Dated in Philadelphia, May 30, 1872, and bequeathed to the Academy with Meigs' library in May, 1895.

Coll. 273

JAMES, C. H. Luray Cavern photographs, 1882. 20 items.

A Philadelphia photographer, with studio at 624 Arch St., James prepared a series of "Views in the Caverns of Luray, Virginia." Thirty-six titles were offered in stereoscopic and thirty also in 7 x 9 views. We have 20 of the latter as listed on the verso of number 74.

Donated in 1922.

Coll. 274

MARSH, OTHNIEL CHARLES, 1831-1899. Lithographs, n. d. 238 items.

Paleontologist, interested especially in vertebrate fossils from the Rocky Mountain Region. He was a corresponding member of the Academy and collaborated with E. D. Cope in many of his scientific undertakings. These plates drawn by F. Berger and lithographed by E. Crisand, New Haven, were published only in part. Those appearing in print illustrate various U. S. Geological Survey publications. Osborn stated: "For the four monographs on the Stegosauria, Suro-poda, Ceratopsia and Brontotheriidae [ which are groups pictured in this collection] 204 superb lithographic plates were completed under Marsh's direction." A note in the handwriting of William J. Fox accompanies the collection. "Said to be a complete set of unpublished plates of Marsh and Cope on Fossil vertebrata."

Presented through the courtesy of the American Museum of Natural History, July 23, 1931.

Coll. 275

MELSHEIMER, FRIEDRICH ERNST, 1784-1873. Descriptions of Coleoptera, 1844-46. 1 item.

The author was the second son of Friedrich Valentine Melsheimer, the first active American entomologist. A country physician, naturalist and en-

tomologist, who wrote a Catalogue of the Described Coleoptera of the United States, published by the Smithsonian Institution in 1853. Both he and his elder brother Johann Friedrich were correspondents of Thomas Say.

The treatise of 245 pages belongs in part to the American Entomological Society and was published in the Academy's Proceedings 1844-46, under the full title of Descriptions of new species of Coleoptera of the United States, in 7 parts.

From archives of the Academy and library of the American Entomological Society. Coll. 276

MORICAND, STEFANO, 1780-1854. Treatises, 1829. 3 items.

Swiss botanist and conchologist, whose full name was Moise Étienne Moricand, active member, treasurer and secretary of the Museum of Geneva. Started an early commercial career in Italy, 1791, his avocation to study and collect natural history specimens. On his return to Geneva he studied botany at the urging of De-Candolle; made a connection with M. Blanchet at Bahia, from whom he received plants and shells of Brazil. The Academy's holdings consist of holographic copies of two papers and one letter to John S. Phillips, 1829. The first is a transcript including the plates of Andreas Johann Wagner's "Testaceae fluviatilia quae in itinere per Brasiliam annis 1817-1820." The second, lacking the plate, is a rough draft of Moricand's "Memoires sur quelques coquilles fluviatiles et terrestres d'Amerique", written in a different hand from the signed letter.

Gift of John S. Phillips, 1870.

\*Coll. 277

MORRIS, HENRY. Letterbook, 1846. 7 items.

Letterbook containing seven letters, July 9 - Nov. 3, 1846, concerning the sale of land in Virginia in settlement of the estate of Levi Hollingsworth.

Provenance not known.

Coll. 278

NEW HARMONY, INDIANA. Photographs, 1905? 7 items.

When William Maclure became actively interested in the Owen experiment in communal living, he interested several Philadelphians in accompanying him to New Harmony. Thomas Say, Charles A. Lesueur and Gerard Troost joined him and lived in Indiana for several years. They expected to be given a chance to earn a living, study in peace and quiet and to educate their fellows. When Thomas Say died, Maclure having already moved to Mexico, Lucy Say returned to her home in New York City, Lesueur to France and Troost removed to Tennessee.

Because Academy members were so closely associated with New Harmony, the series of photographs is preserved to keep alive the memory of the institution's early interest in education.

Presented by John Corbin, Corbin Milling Co., New Harmony, Ind., Nov. 3, 1905, who owns many of the properties photographed. \*Coll. 279

ORD, GEORGE, 1781-1866. Papers, 1818-71. 48 items.

Philologist, ornithologist and mammalogist, once vice-president of the American Philosophical Society, and president of the Academy of Natural Sciences from 1851 to 1858. With Alexander Lawson, he belittled everything Audubon did, chiefly because of his great admiration for Alexander Wilson. His annotations in the Academy's copy of the Audubon Ornithological Biography are far from complimentary.

His papers consist of a notation, stating that the party, consisting of Theodore Dwight, Mr. Tuttle, Dr. Mactier and George Ord, visited Caserta on January 31, 1821; records of the purchase of his "Dictionnaire de Sciences Naturelles", mostly from Maclure, 1818-22; transcripts of letters written by Ord to: George Bancroft, 1845; Charles L. Bonaparte, 1842; Richard Cobden, 1862; Alexander Henry, 1858; Sir James Stuart Monteat, 1862; Charles Waterton, 1858; three letters from Peter Williamson and three from Norman Moore about letters from his friend Waterton which were to be returned to London; Ord's rough and final drafts of his biography of Lesueur and various notes in Ord's hand concerning other matters.

The majority from Frank S. Stone in 1896, having been given to him by J. N. Stone, Sr., who received them from Peter Williamson, George Ord's executor.

Signers of documents:

\*Coll. 280

Moore, Norman (3) 1869-71; Ord, George (7) 1842-62; Williamson, Peter (3) 1869-71.

MASTODON ILLUSTRATIONS, n. d. 3 items.

The three folio watercolors are by an unknown artist, the designs possibly portraying Mastodon giganteus, which was mounted by James Hall in Albany. The three items are: watercolor of the mounted animal as a design for a fountain, profile of skeleton with the foundation structure, and the foundation only, showing the plan of the water and fountain heads.

Origin unknown.

Coll. 281

PHILADELPHIA. Historical documents, 1681-1865. 26 items.

Three vellum deeds, signed by William Penn, 1681-1713, some Confederate money, accounts of Pennsylvania Hospital, 1808, signed by Zaccheus Collins, a facsimile copy of Benjamin Franklin's first Boston publication, Civil War currency notes, Washington City Canal lottery tickets, 1796, and genealogical memoranda about Jonathan Leedom.

Archived from the Academy's collection, the source unknown but the material placed in the vault years ago.

Signers:

Coll. 282

Aubrey, Wm. 1713; Coats, Samuel, 1808; Collins, Zaccheus, 1808; Fox, Samuel, 1681; Morris, Anthony, 1713; Penn, William (3) 1681-1713; Thomas, Reeve, 1713.

PHILLIPS, JOHN S., 1800(?) - 1876. Workbooks, 1870-87. 3 items.

Philadelphia conchologist, active in the Academy and curator from 1840-43, his extensive collection was bequeathed to the Conchological Section, duplicates being sold to buy other specimens and these labeled "John S. Phillips Fund". Of his papers we have three workbooks: (1) The Catalog of his Cabinet was checked in an interleaved printed copy of Agnes Catlow's Conchologist's Nomenclator, and bequeathed to the Academy with his collection. The catalog was used in the Conchological Section for many years and carries entries in various hands, the last date being 1887. Notes including additions and corrections to the general index are made by H. A. Pilsbry. (2) Another workbook is a manuscript transcript, preceding page 1, of Joshua Alder's Descriptions of Some New British Species of Rissoa and Odostomia, with two plates. (3) Say's American Conchology, the signatures being rearranged to suit Phillips. This workbook copy of 258 pages is annotated and indexed.

Bequeathed by the author, 1876.

Coll. 283

SAVAGE, THOMAS STAUGHTON, 1812-1880. Papers, 1848-49. 7 items.

Naturalist and medical missionary to Liberia. As corresponding member of the Academy he submitted papers, some of which were published. This collection includes two articles on insects of West Africa with penciled sketches and a paper on Saurians and Ophidians, contained in a letter to Dr. Hallowell, dated Jan. 15, 1849. The latter includes a watercolor sketch of a snake called Amphisboena.

Removed from the editor's copy of the Proceedings, v. 4, p. 36. Coll. 284

ANSP. Paintings and Portraits, 1824-1958. 22 items.

The portraits of the Presidents of the Academy are arranged chronologically in the reading room of the library; other portraits are hung in the sixth floor of the stacks and a few are to be found in various departments within the Academy. A list of personalities with the name of the painter, when known, and other pertinent information was prepared in 1948 and typed for the files. A second list was done in 1958 and gives the person pictured, the artist, the history of the painting, and its location in the Academy. At the end is a plan of the two rooms in which most of the portraits are hung, giving the names and locations for each. A collection of papers about individual portraits, concerns the following eight: Robert Bridges, 1884; J. Brackenridge Clemens, 1926; E. D. Cope, 1897; William Hembel, 1841; C. B. Lamborn, 1923; Henry Lamborn, 1923; S. G. Morton, 1851; and Thomas Say, n. d. Lists and notes from C. M. B. Cadwalader, 1958; a short record of 20 of the paintings in the hand of J. B. Wilkinson; and a small annotated card file of 36 by Nolan complete the papers. \*Coll. 286

Known Artists:

Bechtel, D. B.; Borie, A.; Beigendesch; Hewtit, Wm. K.; Lambdin, Mr.; Lewis, Laura C.; Mercier, G.; Neagle, John; Newsam, W.; Peale, C. W.; Peale, Rembrandt; Raditz, Lazar; Rothermel, M.; Speakman, Miss; Sully,

Thomas; Street, Robt.; Uhle, Mr.; Vonnoh, Mr.; Waugh, S. B.; Wood, J. E.; Worrall, C. A.; Weber, Paul.

ANSP. BUILDINGS. SUBCOMMITTEES. Papers of the various temporary buildings committees. 1879-96. 11 items.

Soon after the Race Street Building was opened in 1876, it became evident that more space would be necessary to accomodate all the growing facets of the organization. With the view of increasing its housing facilities, a committee became active in 1879 to increase Academy income. Committees to devise means of adding to the Building Fund, to superintend this increase and to collect funds for furnishings, all aided toward the final recommendations of the Committee on Plans for physical needs. \*Coll. 288

ANSP. EDUCATION. Papers, 1824-1911. 86 items.

Earlier education activities were the responsibility of the committee on Lectures and Instruction, later of the Professors and Lecturers, and recently of the Department of Education. The business of the first committee was recorded as minutes by the various secretaries: William L. Mactier, 1881-87; Charles Morris, 1888-95; Benjamin Sharp, 1896; Samuel N. Rhoads, 1897; and Philip P. Calvert, 1898-1905. Many printed programs are tipped in. Generous information about the Ludwig Institute and its educational aims is added. Statements of the Educational Development Fund, 1936-41 and information about the course in Fundamentals of Systematics, 1949. Letters, accounts and other papers round out the collection. \*Coll. 289

Signers of letters and documents:

Allen, Harrison, 1876; Brinton, D. G. (6) 1884-98; Broome, Edwin C. 1926; Brown, A. P. (2) 1897-1903; Brown, Stewart, 1915; Burbake, A. P. n. d.; Calvert, P. P. (4) 1898-1908; Chaloner, A. D. 1840; Chapman, Ellwood B. 1931; Cook, J. H. 1910; Cresson, H. T. (2) 1884; Dolley, C. S. 1896; Fox, W. J. 1894; Gabb, W. M. 1876; Goddard, P. B. 1840; Heilprin, A. (11) 1887-98; Humphrey, U. C. 1877; Hunt, J. G. (3) 1877-84;

Johnson, W. R. 1840; Leffman, Henry, 1887; Lewis, H. C. (2) 1885; Lyman, B. S. 1898; McCook, H. C. (4) 1884-97; Mactier, W. L. (2) 1881-86; Morris, Charles (5) 1888-94; Nolan, E. J. (2) 1896-98; Pilsbry, H. A. 1896; Potts, Edward (3) 1886-87; Rand, T. D. (4) 1886-87; Rex, G. A. (2) 1887; Rhoads, S. N. 1897; Richardson, J. G. 1876; Ruschenberger, W. S. W. (2) 1884; Ryder, J. A. 1889; Sharp, B. (2) 1887-96; Shoemaker, G. Y. (2) 1887; Skinner, H. 1887; Stone, W. (4) 1896-1914; Trotter, Spencer, 1896; Vaux, George, Jr. 1896; Wildman, E. E. (2) 1931.

CALVERT, PHILIP POWELL, 1871-1961. Biographical papers and records.  
1 carton.

Materials referring to his early education, elementary school, high school and college records with some letters and many notebooks prepared in later life. Not counted, nor indexed.

Gift of Mrs. Calvert, March 12, 1962.

Coll. 290

ANSP. LIBRARY. Loans, 1823-57. 5 items.

In its infancy, a very strict account was kept of the property of the Academy. A ledger lists loans of documents and books from 1823 to 1825, while in 1824 began the policy of demanding promisory notes to be signed by borrowers, the custom continuing through 1849. Another ledger of more general coverage, including books, specimens and equipment, supplies the records of loans from 1831 to 1848. The register of library loans from 1833-57 in one volume and the exchange book of loans in another completes the file.

Archived.

Coll. 291

ANSP. PUBLICATION COMMITTEE. Papers, 1821-1939. 67 items.

The 41 annual reports of the Committee cover the years 1822-1876 in part, and the minutes of the meetings, 1903-1939. Lists of subscribers, reports of the status of the Publication Funds, stock books and miscellaneous papers make up the records. Officials concerned are Wm. S. Vaux, in charge of funds, and secretaries of the Committee. Edward J. Nolan, William J. Fox and C. Bernard Peterson.

\*Coll. 292

Signers of letters:

Nolan, Edward J., 1903-38; Fox, William J. 1938; Peterson, C. Bernard, 1939; Vaux, William S. 1850-80; Hays, Isaac, 1821-23.

ANSP. ACCOUNTING. Ledgers, 1813-90. 29 items.

The ledgers fall into two classes, those headed, "ANSP. in account with . . . treasurer", and those which record the day to day financial statements and transactions. It was the custom for the treasurer to pay the bills and then collect from the Academy. In the first ledgers are the members' accounts for dues, etc., and records of the condition of many special funds, some of which were established early in the Academy's history. The first group consists of seven bound volumes and 18 loose pieces. The loose pieces take in those years not covered by the bound volumes with 1863 lacking. The second series, four in number, 1860-90, are all prepared by William C. Henszey as treasurer. Inside the front cover of the 1877-84 volume are listed the 13 special funds of those years, while the 1885-90 volume lists the 18 funds for later years.

Archived from the Academy's library vault or from a storage room in the attic.

Coll. 294

ANSP. BIOLOGICAL AND MICROSCOPICAL SECTION. Minutes, 1857-1924.  
25 items.

This section of the Academy had its origin in the union of the Philadelphia Biological Society (1857-58) with a biological group of the Academy in 1858, forming the Biological Dept. of the Academy. Some members, wishing to emphasize microscopy, engineered a change in 1868, when, by agreement with the Academy, the name was changed to the Biological and Microscopical Department of the Academy.

In 1866 the Academy established "sections". Soon after, apparently in 1868, the department became the Biological and Microscopical Section of the Academy. Sections were discontinued in 1924, when the organization united with the Geological and Paleontological Section to become the Leidy Microscopical Club.

In 1956, Mrs. W. Hersey Thomas, a member of long standing in the Club, undertook to make an index to the minutes. The work was interrupted when her eyes failed, so that only the time between 1857-1885 is covered by this index.

The minute books have been deposited in the library, only the one currently used remaining in the possession of the Club's secretary. \*Coll. 295

ANSP. BIOLOGICAL AND MICROSCOPICAL SECTION. Papers, 1857-1923.  
27 items.

Records of preliminary meetings, the petition to form a Biological department of the Academy, regulations and lists of members, report of status of equipment and various miscellaneous papers, i. e. resolutions, reports, minutes, etc., make up the holdings in this collection.

From the Leidy Microscopical Club.

Coll. 296

Signers:

Peirce, C. N. 1894; Perot, Chas. P. 1894; Steward, A. N. 1922; Wingate, 1895; Wister, Casper, 1881?.

ANSP. BIRD DEPARTMENT. Papers, 1891-1937. 24 items.

Formerly the zoological interests of the Academy were divided simply as the Vertebrate and Invertebrate Departments, the first under Witmer Stone and the latter under Henry A. Pilsbry. Under the regime of Charles M. B. Cadwalader, these categories were broken down into smaller departments such as Birds, Fishes, Mammals, Shells, Insects, etc., each with its curator. At this time Stone became the curator of birds.

This collection consists of memoranda, correspondence, lists of birds, reports on collections, birds lacking in Academy collections, notes on labels in the collections, recommendation of curators, application to form an Ornithological Section, and annual report of the Bird Department for 1935.

Archived.

\*Coll. 297

Signers of letters and documents:

## Coll. 297 (cont.)

Abbott, William L. 1891; Brown, Stewardson, 1891; Cadwalader, Charles M. B. (4) 1928-37; Cassin, John, n. d.; Huber, Wharton, 1929; Martindale, Isaac, 1891; Morris, G. S. 1891; Pilsbry, H. A. 1891; Rhoads, S. N. 1891; Ridenour, C. E. 1891; Sharp, Benjamin, 1891; Sharples, D. Y. 1926; Sheppard, Edwin, 1891; Stone, Witmer (5) 1891-1926; Supplee, Regina S. 1934; Trotter, Spencer, 1891; Vaux, George, Jr. 1926; Willcox, Joseph, 1891; Worth, Herbert (2) 1925-26.

PHILLIPS, MAURICE EARL, 1893 - Papers, 1943-58. 47 items.

Entomologist and editor of scientific publications for the Academy of Natural Sciences, and for the American Entomological Society, 1943-58 and once the President of that Society. Author of historical papers about each of these institutions, its members and activities. The present collection contains the manuscript notes and memoranda collected while preparing the above mentioned historical articles.

Given to the Manuscript librarian, 1958.

\*Coll. 298

ANSP. LIBRARY. Acquisitions and holdings, 1814-1960. 8 items.

Formerly, there seemed to be a variation of meaning in the words used in describing the book collections. "Donations" included books bought on subscription, but actually paid for by the Academy and as such given to the library, "Deposits" might be loaned by the depositor, given outright or even purchased by funds subscribed by members. The library and publication committee was considered as a unit and the earliest donation book listed specimens for the museum right along with books and periodicals.

Archived, 1960.

\*Coll. 299

Signers:

Blanding, William, 1836; McCrea, James A. 1836; McEuen, Thomas, 1832; Morton, S. G. 1835; Read, J. 1834.

ANSP. MINERALOGICAL AND GEOLOGICAL SECTION, 1877-1924. Papers, 1876-1922. 17 items.

Established in 1877, the section was active until dissolved by the Council in 1924. The papers include a book of minutes, 1892-1922, presented by the recorders, Charles Schaffer, Mary S. Holmes, S. L. Shumo, Edgar T. Wherry, Samuel G. Gordon, and the pro temp secretaries Lewis Woolman, E. Chalkley Palmer, Frank J. Keeley, Wm. B. Davis, C. S. Boyer, B. S. Lyman, David White and Thomas S. Stewart. Contains also lists of members and original petition for the formation of the section, with accompanying correspondence. News clippings, announcements, photographs and treatises, one by B. S. Lyman, another by F. J. Keeley, complete the file. \*Coll. 300

Signers:

Barcom, Miss, n. d.; Beadle, E. R. 1876; Bement, C. S. 1876; Boyer, C. S. 1905; Davis, Wm. B. 1905; Dougherty, Wm. H. 1876; Foote, A. E. 1889; Frazer, Persifor, Jr. 1876; Goldsmith, E. O. 1876; Gordon, S. G. 1920; Holmes, Mary S. 1904; Keeley, Frank J. (2) 1904; Leidy, Joseph, 1876; Lewis, H. C. (2) 1876-77; Lyman, B. S. 1907; Palmer, E. Chalkley, 1904; Parker, C. F. 1876; Phillips, Chas. C. 1876; Rand, Theo. D. (4) 1876-89; Ruschenberger, W. S. W. 1876; Schaeffer, Charles (2) 1892-1903; Schumo, S. L. 1909; Stewart, Thos. S. 1921; Vaux, Wm. S. 1876; Wherry, E. T. (2) 1908; White, David, 1917; Willcox, Joseph, 1876; Woolman, Lewis, 1901.

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, 33rd Meeting, PHILADELPHIA, 1884. Local Committee papers, 1883-84. 831 items.

The committee appointed by the Academy of Natural Sciences formed the nucleus of the local committee but later was enlarged to include various others appointed by Franklin Institute, the University of Pennsylvania, American Philosophical Society, etc. These members enlarged the committee to 157 members including influential residents of Philadelphia as well as scientists, thus aiming to make the convention a city project.

The papers consist of minutes of the various subcommittees, the financial records and several hundred letters. Edward J. Nolan was the secretary, so probably left these papers in the vault of the Academy for safe keeping.

\*Coll. 301

Signers of letters. [All dated 1884 unless otherwise stated.]

Abbot, G. E.; Alexander, John J.; Allen, Alfred H.; Allen, Lane & Scott; Anderson, Geo. C.; Andrews, Thomas A.; Armstrong, L. H.; Arthur, J. C. (2); Ashburner, Charles A. (9);

Baer, D. C.; Bahbergen, H. G.; Bailey, E. H. S.; Baird, Spencer F.; Baker, J. P.; Balch, Edwin S.; Balch, Elise Willing; Ball, John; Ball, Robert S.; Ballard, Harlan H.; Bardeen, F. L.; Barker, George F. (5); Barker, Wharton; Barnes, C. R.; Bartholow, Roberts; Bassett, D. A.; Bement, Wm. B.; Bennet, M. A.; Benson, Edwin N. (2); Bessey, C. E.; Biddle, Alexander (2); Binney, T. G.; Birkinbine, John; Blish, W. G. (2); Boardman, G. D.; Boardman, (Mrs.) Wm. D.; Borre, A. de (2); Bottomley, James (2); Bowles, George John; Bowles, Margaretta; Bowman, W.; Boyd, George W. (5); Brashear, John; Breidenbaugh, E. S.; Brooks, James C.; Brydon, R. F.; Butler, A. W.;

Cammack, I. H.; Case, Elizabeth B.; Casterline, Ralph D.; Chase, P. E.; Chickering, J. W., Jr.; Christy, Thomas; Clark, C. H.; Clarke, Thomas C.; Close, M. H.; Coates, Edward H.; Coburn, C. M.; Collin, Alonzo; Colman, Henry; Cope, Edward D. (3); Copes, J. S.; Carson, Hampton L.; Corson, Robert R.; Cox, E. T.; Crenshaw, Nathaniel B.; Cross, Charles R.; Crozer, George K.;

## Coll. 301 (cont.)

Dabney, Charles W. (2); Dall, Caroline H.; Dallas, George M.; Dana, James D.; Danforth, Edward; Darralque, E.; Daubree, A.; Davis, William Morris; Dawson, J. W. (5); Deal, Lemuel J.; DeForest, H. S.; De Hass, W.; Dickinson, John; Dickson, Samuel; Dinwiddie, Robert; Doernig, Oscar; Dorsey, J. Owen; Drexel & Co.; Dyer, C.; Eaton, D. G.; Eaton, John; Emerton, J. H.; Etting, Frank M.;

Fairchild, H. L.; Farnum, J. Edward; Fernie, J.; Fisher, Ellen S.; Foote, A. E.; Forbes, George; Foster, M.; Fraley, F.; Frazer, Persifor (20); Fritts, Charles E.; Gariel, C. M.; Garrett, Martha H. (2); Gentry, Alan F.; Gilbert, Joseph I. (2); Gilman, B. C.; Gordan, Joseph C.; Graff, Fred; Gravis, A.; Greenleaf, J. T.; Gregory, H. D.; Groff, Robert H.; Gross, S. D. (2);

Hacker, William (2); Hancock, Clinton G. (2); Harding, M. P.; Hare, J. I. C.; Harrington, M. W.; Harris, J. C.; Harrison, A. W.; Harrison, Thomas (2); Hartranft, Rufus C. (7) 1884-85; Hasbrouck, Isaac E.; Haughton, Samuel; Hays, D. A.; Herbst, H. H.; Hering, Rudolph (4); Hitchcock, Romyn; Hostetter, A. F.; Houston, Edwin J.; Hoy, P. R.; Hubbard, G. W.; Huey, S. B.; Hughes, Theodore H.; Huidekopers, H. S. (9); Hunt, J. Sterry (3); Hyatt, Alpheus; Ingham, William A.; Irving, Roland D. (2);

Jackson, Q. Dawson; Jacques, Victor; James, E. J.; Jamison, H. A.; Jenks, Elisha T.; Jewell, Theodore F.; Julien, Alexis A.; Justice, William W.; Kanaman, C. E.; Kato, H.; Kellicott, D. S.; Kendall, E. O.; Kieran, William; Kimball, Arthur L.; King, William; Knight, Charles; Knight, E. C.; Krumbharr, George D.;

Lamborn, Robert H. (2); Langley, John W. (2); Larkin, Edgar L.; Lathrup, James C.; Lea, Frances; Lea, Henry C.; Lea, Isaac; Lewis, Enoch (2); Lewis, H. Carvill (3); Lex, William Henry; Libbey, Joseph; Lippincott, Alice (13); Lovewell, J. T.; Lyman, Benjamin Smith; Lyman, Theodore;

MacAlister, Mr.; McCormick, Calvin; McFadden, L. H.; McGee, Charles K.; McGlade, Charles; McInnis, Louis L.; MacIntosh, Dr.; McKean, Thomas; McMurtrie, R. C.; McNeill, Malcom; Mabery, C. F.; Magill, E. H.; Man, James D.; Manning, S. M.; Manning, Warren H.; Martin, D. S.; Mead, Charles K.; Meehan, Thomas (3); Merriam, C. Hart; Merrick, J. Vaughan; Mills, James; Morley, Edward W.; Moss, Richard J.; Murphy, Howard (3); Nelson, A. B.; Nichols, L.; Noeckel, H. Allison; Norris, Isaac; Norton, Charles L.; Nolan, Edward J. (6);

Osborn, Herbert; Patterson, William H.; Peace, G. H.; Peebles, W. E.; Pennock, Edward; Pepper, William (8) 1883-84; Percy, Carla H. C.; Perrine, Fred A. C.; Peterson, P.; Pettee, W. H.; Platt, Franklin; Plimpton, Richard T.; Price, Eli K. (2) 1883-84; Price, J. Sergeant (2); Prime, Frederick, Jr.; Putnam, F. W. (20); Putnam, Mary S. D.; Queen, James W. (2); Rains, George W.; Rand, Theodore D. (2); Ranke, J.; Raymond, R. W.;

Rideal, Samuel; Roberts, Clarence V.; Robinson, Joseph; Rockwood, C. G.; Rogers, H. Raymond; Rogers, R. E.;

Sadtler, Samuel P.; Sanford, C. E.; Sanford, W. L.; Sartain, Samuel; Schram, Nichols H.; Sclater, P. L.; Scott, Robert H.; Sellers, Coleman (2); Shallcross, John; Sharples, S. P.; Short, Sidney H.; Sims, John C., Jr. (12); Smith, Aubrey H.; Smith, Eugene A.; Smith, John B.; Smith, Q. Cincinnatus; Smith, William B.; Snowden, A. Loudon; Snyder, M. B. (2); Spencer, J. W.;

Steiner, Lewis H. (2); Stephens, W. H.; Stille, C. J.; Strawbridge, J. C.; Struve, Z. (2); Sturtevant, E.; Summers, James; Tatham, W.; Taylor, Andrew; Thomas, Benjamin F.; Thompson, George R.; Thomson, Frank (5); Thornton, William M.; Thurston, R. H.; Townsend, H. C.; Townsend, E. Y.; Townsend, P. Vaughan; Trembley, J. B.; Trowbridge, John (2); Tuttle, Albert H.; Tyson, James; Vallot, J.; Vaux, Sandys W.;

Wadsworth, M. E. (2); Wahl, William H. (3); Waldo, Leonard; Waller, E.; Walmsley, W. H.; Wanamaker, John (14); Waterhouse, J. (2); Watson, C. A. (7); Webb, J. Burkitt (3); Welsh, John; Whelen, Edward S. (2); Whiting, Lillian; Williams, Francis H. (15); Williams, Mary Beatrice H.; Wilson, Joseph M. (31); Winchell, N. H. (2); Wood, Ida (4); Wood, J. R. (3); Wormley, Theodore G.; Wright, Edward Perceval; Wright, Edith; Wright, James A.; Wurtele, Louis C.; Young, A. H.; Young, C. A.; Zentmayer, Joseph.

SHULZE, JOHN A. Papers, 1918(?) 13 items.

During the First World War Shulze came to this country, leaving his fatherland for the freedom of the U. S. A. He was an active member of the Leidy Microscopical Society and an ardent student of diatoms. He bequeathed a microscope to the Academy which is in the Leidy historic collection, and his complete personal collection of diatoms, the latter with some type material. Anecdotes about the man indicate a great friendship between him and Mr. Keeley. A story is told about Keeley going to Shulze's home and finding him down on the floor with a magnifying glass, trying to find a diatom he had dropped on the rug.

Gift of the author.

Coll. 302

MCCONNELL, JAMES C. Drawings of fossil shells, n. d. 16 items.

Once the property of Leander T. Chamberlain who gave them to Joseph Willcox. A presentation letter, signed by Willcox, August 23, 1915 accompanied the drawings when they were donated to the Academy.

Removed from the Library's Geological Tracts, v. 45 c.

Coll. 303

## AMERICAN MALACOLOGICAL UNION. Papers, 1932. 1 item.

Rambling notes by Imogene C. Robertson of the 2nd annual meeting, 1932, Washington, D. C. This typescript account gives information about the program, speakers, and activities of the meeting. As secretary of the Union, Mrs. Robertson carried on an extensive correspondence with H. A. Pilsbry who was the first president after the Union was founded in Philadelphia in 1931. This correspondence may be found in Coll. 98 where a total of 73 letters between the dates 1931-47 are credited to Mrs. Robertson, practically all pertaining to the Malacological Union.

Gift of Pilsbry.

Coll. 304

## ASSOCIATION OF AMERICAN GEOLOGISTS AND NATURALISTS. Papers, 1840-47. 401 items.

At the suggestion of Professors Emmons, Mather and Hitchcock, the first meeting of the Association of American Geologists met at Franklin Institute in Philadelphia in April, 1840. The next meeting was also in Philadelphia but with headquarters at the Academy of Natural Sciences. At the third meeting in Boston, the name was changed to include other scientists and from then it was called the Association of American Geologists and Naturalists. The fourth to the eighth meetings were held at Albany, New York, Washington, D. C., New Haven, New York and again at Boston respectively. At the last meeting in September, 1847 the Association was resolved into The American Association for the Advancement of Science with its first meeting scheduled for September the 20th the following year at the Academy of Natural Sciences in Philadelphia. The papers in this collection consist of the Association's Constitution, Rules and Regulations, minutes of all its meetings, lists of members, ballots for officers, original texts or abstracts of scientific papers presented at the meetings, and letters in connection with Association business.

Since the details of the new Association meeting were in the hands of a local committee, chaired by Samuel G. Morton, and the new secretary was W. R. Johnson, both members of the Academy of Natural Sciences, it is assumed that the official papers of the old Association were passed on to the members of the local committee handling the details of the founding of the new organization. These papers were found in the Academy's archives in 1954.

\*Coll. 305

Signers of documents and letters:

Abert, J. J. 1845; Adams, C. B. 1845; Adams, Samuel, 1844; Adams, Solomon (2) 1844-45; Alexander, John Henry (3) 1844; Allen, John H. (2) 1843-44; Anthony, John G. (2) 1844-46; Appleton, N. 1845; Atlee,

Washington L. 1844; Ayres, Wm. O. 1845; Bache, Alexander Dallas (2) 1844; Bacon, George, 1846; Bacon, John, Jr. n. d.; Barratt, Joseph, 1845; Batchelder, J. P. 1843; Beck, Lewis C. n. d.; Beck, Theodore Romeyn (2) 1844-45; Blake, John H. 1846; Bolton, Richard, 1846; Booth, James Curtis (2) 1845; Boye, M. H. 1844; Browne, D. Jay, 1846; Browne, Peter Arrell

(5) 1841-47; Brumley, R. J. 1846; Buchanan, Robert, 1845; Bulfinch, Thomas, 1843;

Calkins, A. 1846; Channing, William Francis, 1844; Chilton, James R. 1847; Coffin, James H. 1847; Cohen, Joshua J. 1845; Cole, Thomas (2) 1846-47; Cooper, J. Hamilton, 1845; Cooper, William, 1845; Costigan, John, 1843; Cozzens, Issacher, Jr. 1846; Dana, James, 1843; Dana, Samuel Luther (2) 1844-47; Darlington, William, 1845; Deane, James, 1845; Delafield, John, 1846; Dewey, Chester (3) 1845-46; Dickeson, Montroville Wilson, 1845; Dixwell, Epes Sargent (2) 1844-45;

Eliot, Samuel A. 1847; Emmons, Ebenezer, 1846; Engelmann, George, 1844; Everett, Edward (2) 1847; Forshey, Caleb Goldsmith, 1845; Foster, John Wells, 1845; Gale, Leonard Dunnell (3) 1846-47; Geological Society of London, 1846; Gesner, A. 1843; Gibbes, Lewis Reeve (3) 1845-47; Gibbs, George, 1844; Gilliss, James Melville (3) 1844-47; Gilmor, Robert, 1844; Graham, James Duncan, 1845; Gray, Asa, n. d.;

Haldeman, Samuel Stedman (2) 1844-46; Hale, Enoch, 1846; Hall, Edwards, 1844; Hall, James (5) 1843-47; Hardy, J. W. 1846; Harlan, R. S. 1844; Hart, T. 1846; Harvey, Matthew, 1846; Haskins, R. W. 1843; Hayes, John Lord (2) 1844; Hays, Isaac, 1844; Herrick, Edward Claudins, 1844; Hitchcock, Edward (3) 1843-45; Horsford, Eben Norton, 1844; Horton, Mr. 1846; Houghton, Douglass (3) 1844-45; Hubbard, Oliver Payson, 1843; Ingalls, Thomas R. (2) 1846; Jackson, C. T. (2) 1843-46; Jackson, John Barnard Swett, 1844; Jenkins, A., Jr. 1847; Johnson, B. J. 1844; Johnson, Walter Rogers, 1843; Johnston, Abraham R. (4) 1844-45; Johnston, John, 1844; Kain, John Henry, 1845; Keely, George W. (2) 1846-47; Kendrick, H. L. 1846; Kimball, Moses, 1847; King, H. 1844;

Lea, Isaac (2) 1844; Lee, John Clark, 1846; Leonard, F. B. 1845; Lettsom, W. G. 1844; Locke, John (3) 1844-46; Loomis, Justin Ralph (2) 1845-46; McComber, J. 1843; Mather, William W. 1844; Maury, Matthew Fontaine (4) 1845-47; Merriam, Eben, 1843; Mighels, J. W. 1844; Mitchell, Elisha, 1844; Nicollet, Joseph Nicolas, 1843; Olmstad, Lemuel G. 1845;

Page, Charles G. (2) 1844-47; Parker, Samuel J. (2) 1846; Patterson, R. M. 1846; Peale, Titian Ramsay, 1844; Perkins, George R. 1846; Perkins, Henry Coit, 1846; Perry, Matthew Calbraith, 1846; Pickering, Charles, 1847; Pickering, John (2) 1844-45; Plummer, John T. n. d.; Prescott, William (2) 1845; Prunyn, John V. L. 1845; Redfield, John Howard (2) 1843-45; Redfield, William C. 1845; Reed, Stephen (2) 1845; Renwick, James (2) 1846; Riddell, John Leonard (2) 1846; Rogers, Henry Darwin (3) 1844-45; Rogers, William Barton, 1845; Ruggles, D. 1844; Russell, John Lewis (2) 1844-46;

St. John, Samuel, 1845; Schaeffer, George C. 1846; Seaton, W. W. 1844; Seward, William Henry (2) 1845-46; Seybert, Henry, 1845; Shattuck, G. C. 1845; Silliman, Benjamin, Jr. (2) 1842-44; Smith, George G. 1847; Smith, John Lawrence, 1844; Smith, S. V. C. 1845; Soule, Richard, Jr. (2) 1844-45; Storer, David Humphreys (2) 1844-45; Tallmadge, James (2) 1846-47;

## Coll. 305 (cont.)

Taylor, Julius S. (2) 1844-45; Thomson, James, Jr. (3) 1846; Totten, Joseph Gilbert (2) 1844-45; Townsend, John Kirk, 1844; True, Nathaniel Tucker-man (2) 1846-47; Tully, William, 1845; Vanuxem, Lardner, n. d.;

Wailles, Benjamin Leonard Covington (4) 1845-47; Weaver, G. S. 1845; Webber, Samuel (5) 1844-45; Webster, J. W. 1847; Wedderburn, A. J. (2) 1845; Weld, Henry Thomas (2) 1844-45; Wheatland, Henry, 1846; Wheatley, Charles Moore, 1846; Whelpley, James D. (3) 1845; Whiting, Henry, 1844; Whittlesey, Charles, 1846; Wilder, Henry, 1845; Wilkes, Capt. Charles (2) 1847; Woodbury, Levi (2) 1846-47; Wyman, J. 1846.

PHILLIPS, VENIA TARRIS, 1897 - Papers 1942-60. 57 items.

Entomologist, and librarian of the Academy from 1944 to 1959. The papers consist largely of literature compilations and surveys in the field of natural science, with a history and a staff manual of the library. Letters by Mrs. Phillips are filed with the library correspondence.

Donated at various times by the author.

\*Coll. 306

BARKER, JAMES NELSON, 1784-1858. Diary, 1828. 1 item.

Dramatist, politician, soldier and amateur botanist, Barker was successively alderman, mayor of Philadelphia and collector of the Port, comptroller of the U. S. Treasury and Assistant Adjutant General of the 4th military district. This diary gives details of his botanical excursions in 1828. An inserted note by John H. Redfield, gives biographical details of Barker.

Provenance not known.

Coll. 307

PICKERING, CHARLES, 1805-1878. Journal of U. S. Exploring Expedition, 1838-41. 1 item.

A native of Connecticut and a graduate in Medicine from Harvard, Pickering moved to Philadelphia in 1827 and became active in the Academy and served as the librarian from 1829-33. In 1838 he was appointed to the scientific corps of the U. S. Exploring Expedition. He wrote volume 15 of the Expedition's reports, the Races of Man and their Geographical Distribution.

This unpublished journal from the Academy's manuscript file covers that portion of the expedition from Madeira to the Hawaiian Islands. It contains approximately 1000 pages. Pickering comments in some detail upon many scientific aspects of the areas visited; topography and geology, climate, mammals, birds, fish, reptiles, mollusks, insects, crustacea, and especially upon the plants seen and collected, with lists of specimens. The areas discussed, in chronological order are, in Volume 1: Madeira, Cape Verde Islands, Rio Janeiro, Rio Negro, Terra del Fuego, Chili, Peru, Lord Howe's Islands, South East Australia, Norfolk Island, New Zealand, Auckland Islands and the Antarctic Continent. In Volume 2: Clermont-Tonnere, Coral Islands,

King George's Islands, Water Land, Dean's Island, Aurora Island, Tahiti and Eimeo, Bellinghausen Island, Rosa Island, Navigator Islands, Wallis Island, Horn Island, Hunters Island, Tonga Islands, Feejee Islands and Hawaiian Islands.

A few records of species listed here have been printed. See Fowler, Henry W. *Fishes of Fiji*, Supplement, p. 563, publ. by Govt. of Fiji, Suva, 1959.

Gift of the Author.

Coll. 308

BREUTEL, CHRISTIAN. Papers, 1824. 4 items.

"Bemerkungen und Nachtrage zu Funk's Moos-Taschenbuch" which is an appendix laid in Heinrich Christian Funk's Deutschland Moose, 1820 of 7 p. with 3 sheets of pressed herbarium specimens. The date 1824 is found on p. 3.

From the estate of George E. de Schweinitz, 1932.

Coll. 309

BODDAERT'S Tables dez Planches enluminées de M. D'Aubenton. 1855 ?  
Transcript. 1 item.

The original title-page reads: "Table dez Planches enluminées d'Histoire Naturelle de M. D'Aubenton, avec les denominations de M. M. de Buffon, Brisson, Edwards, Linneus et Latham, précédé d' une Notice des Principaux Ouvrages Zoologiques enluminées par M. Boddaert, Med. Doct . . . a Utrecht, 1783." Casey Woods states that it was a very rare publication and in 1874, in London, W. B. Tegetmeier edited and published a reprint, which is described as being an exact copy, with the original title-page. The paper on which the manuscript is made is the same blue used by T. B. Wilson and is water-marked 1850 C. Ansell. The transcript is from the library of Thomas B. Wilson, with his personal bookplate and his characteristic binding. Wilson died in 1865, so the manuscript was certainly prepared between 1850 and 1865. The hand is not identified, but resembles that of T. B. Wilson, so it may have been copied by him, when on a visit to Europe.

Gift of Rathmell Wilson, the brother-executor of T. B. Wilson's estate.

Coll. 310

CRESSON, EZRA TOWNSEND, 1838-1926. Annotations, 1873-75. 2 items.

Entomologist, specializing in Hymenoptera. After becoming a member of the Academy, he joined with James Ridings and George Newman to found the Entomological Society of Philadelphia, in which he held office thru 1924. One of the first editors of the Practical Entomologist and establisher of the Entomological News. His memoir of Thomas B. Wilson and his history of the American Entomological Society are outstanding historical treatises. His many years of scientific study culminated in his, Synopsis of the Hymenoptera of North America.

His annotations are found in his personal copy of Provancher's Les Ichneumonides de Quebec, 1873-74 and in the Departmental copy of R. Osten

Sacken's Catalogue of Diptera. Penciled checks by Cresson record the species in the Academy's collection.

Gift of E. T. Cresson.

Coll. 311

BONAPARTE, CHARLES LUCIEN, 1803-1857. Papers, 1824-26. 13 items.

Nephew of Napoleon Bonaparte, Charles Lucien arrived in this country in 1822 to visit his uncle Joseph who resided in Philadelphia. Bonaparte was an ornithologist who continued the text of Alexander Wilson's American Ornithology and with Ord published the last volume of that work. His paper in the Academy's Proceedings on the nomenclature of Wilson's Ornithology was the first to use the word nomenclature in American ornithology. Unlike Alexander Wilson and Audubon who were artists and field men primarily, Bonaparte was a true systematist. After returning to Italy he started work on a monumental project entitled Fauna Italica, 3 volumes of which were published between 1833 and 1841 but dealt only with fishes and reptiles. The collection of specimens from which this work was described was sold by Bonaparte to Thomas B. Wilson who presented them to the Academy. The specimens are still here and are known familiarly as the "Bonaparte fishes." He was elected to the Academy in 1824 and remained a staunch supporter even after he returned to Italy in 1827. His full name was Charles Lucien Jules Laurent, Prince de Camino and also Prince de Musignano, both titles being inherited from his father who was knighted by Napoleon Bonaparte. This lot contains nine writings and two letters, one written to Isaac Hays, the second to the Academy's publication committee, both dated 1826.

Archived.

Coll. 312

PROBY, CAR. *Nota planatarum charateristica*, n. d. 1 item.

This small book of 94 pages plus index of 23 unnumbered pages is undated, but on the title-page, below the author's name are the initials "G. T. P.". On page 92, as a possible signature, is the notation, "L'Ozgille". The text listing the plants is doubtless pre-Linnean because of the type of description used and the form of the names.

Provenance unknown.

Coll. 313

W. H. Botanical illustrations, 1786. 8 items.

These watercolors drawn on large sheets watermarked "J. Whatman" (with no date) represent trees or herbs from various parts of the globe. The initials seen on Psychotria asiatica only, are faintly penciled, as are the names of species and dates.

Archived.

\*Coll. 314

BRADBURY, JOHN, 1768-1823. Decorative plaque, n. d. 1 item.

British botanist and collector for the Liverpool Botanic Garden, travelling in southwestern North America in 1810-11 and again in 1817. In the same

year he became a member of the Academy where a large number of his plants are included in its herbarium. Some were donated by himself, others by Thomas Nuttall who often accompanied him.

The inked copy of the plaque carries information usually found on a tombstone from which it may be copied. Provenance not known. Coll. 315

CARPENTER GREENLAND EXPEDITION, 1934-35. Papers, 1934-35. 175 items.

Robert Ruliph Morgan Carpenter, with the Academy, sponsored an expedition to Greenland for the purpose of collecting animals for the Academy's collection. The expedition was made under the leadership of Capt. Robert E. Bartlett on the schooner Morrissey. The personnel consisted of the captain, William R. Carpenter, Robert F. Dove and Harry J. Lance, Jr. The letters and documents in this collection deal with the various aspects of the expedition, including the animals taken, and the final skinning, tanning and mounting of the mammals, the equipment, permits, expenses and itinerary of the trip. General correspondence in connection with it makes up 77 pieces. Coll. 316

Signers:

Bartlett, Robert A. (22) 1934; Carpenter, R. R. M. (10) 1934; Clark, James L. Studios (10) 1934; Coolidge, Harold J. 1934; Dove, Robert F. (2) 1934; Goodwin, George G. 1934; Jonas, Louis, 1934; Lance, Harry (5) 1934; Lincoln, Frederick C. 1934; Trexler Farms, 1934; Wetmore, Alexander, 1934.

QUADRAS, JOSÉ F. Papers, 1904-08. 5 items.

Collector and dealer in shells. Transcript of a "Brief List of the Catalogue of Philippine Mollusks . . . on Exhibition at . . . the World's Fair," St. Louis, Mo., 1904. Four letters in pocket of the volume just mentioned and a presentation letter to S. G. Dixon, president of the Academy.

Gift of the author.

Coll. 317

Signers:

Baker, Frank C. 1908; Vaughn, C. C. (2) 1904 ?; Webb, Walter F. 1908.

REINHARDT, JOHANNES THEODOR, 1816-1882. Commonplace book, 1854-57. 1 item.

This Danish naturalist jotted down information mostly on herpetology with a profusion of bibliographical references to the source of the quotation or observation. A smattering of quotations from essayists and philosophers, proverbs, addresses of other naturalists and museums, lists of snakes, frogs and toads, etc. One of the last entries in the book: "List of Reptiles sent to M. C. Cuming, London, July 1857."

Notebook signed only with last name, but internal evidence points to the author cited above. Provenance not known.

Coll. 318

BROWNE, PETER ARRELL, 1782-1860. Papers, 1842-43. 3 items.

Philadelphia lawyer, busying himself in botany and geology. Founder-member of the Franklin Institute and once its Corresponding Secretary. Member of the Academy of Natural Sciences of Philadelphia, contributing to its Proceedings and donating specimens. Three botanical papers, namely (1) "Catalogue of plants, woods, seeds, etc., Collected in the West India Islands and presented to the Academy of Natural Sciences" . . . 1842 (2) "Description of a monstrous rose," collected by Prof. Walter R. Johnson, and preserved and described by P. A. Browne, 1842 (3) "A description of the Carica papaya, or papaw . . ." 1843. Coll. 319

PEALE, TITIAN RAMSAY, 1800-1885. Entomological collections, 1831-81. 99 items.

In 1889 the Academy was given a collection of insects to be known as the "T. R. Peale Collection." This is housed in 98 "book boxes" of a type used in the old Peale's Museum, and some bear the label of that museum. The boxes were made so tight - sealed with lead foil - that the collection is still in practically perfect condition. He acquired the insects by personal collecting, exchange and purchase between 1831 and 1881. The bequest from the heirs is noted in the Academy's Proceedings, 1889, v. 41, p. 435. Relating to this collection are the following papers (1) Large bound catalog of the Peale collection of insects, with a classified index (2) Typed list of the species, arranged by box numbers, prepared by E. T. Cresson, Jr. (3) A list of species pasted in the back of each box, giving its contents. These lists are in Peale's hand, and contain notes on collections, place, date, and miscellaneous data on ecology, etc.

The catalog was given by Peale himself; the collection bequeathed by his heirs, in 1889; the typed "Contents" gift of E. T. Cresson, Jr. \*Coll. 320

WILLIAMSON, C. W. Photographs of fossils, n. d. 5 items.

Paleontological collector of Wapakoneta, Ohio, Williamson made these photographs of fossil legs, toes and teeth of some large animal, dug up in Clay township, Auglaize County, Ohio.

Presented by the collector.

Coll. 321

CALVERT, AMELIA CATHERINE (Smith), 1876- Photographs of Costa Rican plants, 1909-10. 102 items.

Mrs. Calvert, a naturalist and zoologist accompanied her husband P. P. Calvert to Costa Rica in 1909 and 1910 and while there took the photographs used by the Calverts in their book entitled A Year of Costa Rican Natural History. Two volumes of loose leaf notebooks contain 104 photographs of plants which were identified by Adolfo Tonduz, a botanist of the Museu Nacional at San José and Henry Francois Pittier. The photographs are mounted on individual sheets with typewritten descriptions by Mrs. Calvert.

On May 22, 1961, she reported that she had prepared three copies one for the University of Pennsylvania, and one for the Academy and the third for herself.

Gift of the author April 30, 1917.

Coll. 322

CANBY, WILLIAM MARRIOTT, 1831-1904. Correspondence re carnivorous plants, 1873-89. Transcripts. 46 items.

Selected letters from a volume of Canby's general botanical correspondence, the property of the Society of Natural History of Delaware, and in 1951 housed in the Wilmington Institute Free Library at Wilmington, Del.

Businessman, civic minded scholar and banker, with an avocation in the field of botany, he spent many years collecting, exchanging and studying plants. His special interest was in preparing a flora of Delaware and nearby regions. He maintained a wide correspondence with colleagues, of which the originals are in large part preserved by the Society of Natural History of Delaware. His extensive collections were purchased by the College of Pharmacy, New York City.

Gift of Frank Morton Jones, April, 1951.

Coll. 323

Signers:

Ames, Mary E. Pulsifer (2) 1874-5; Austin, R. M. (23) 1875-77; Canby, W. M. 1878; Caris(?) George W. n. d.; Darwin, Charles (2) 1873; Cope, Edw. D. 1875; DuBois, Constance G. 1889; Lemmon, J. G. (5) 1874; Macfarlane, John M. 1893; Mellichamp, J. H. (7) 1873-77; Redfield, John H. 1885; Wood, Thomas F. 1877.

CONRAD, TIMOTHY ABBOTT, 1803-1877. Papers, 1830-65. 20 items.

Paleontologist, malacologist, traveler and poet, Conrad was born in Trenton, New Jersey and elected to membership in the Academy in 1831. His connection with it continued throughout his life, at one time as a curator, and at another time as a member of the publication committee. Few years passed when papers by Conrad were not published by the Academy, the first appearing in 1830, the last in 1877. Much of the material in this collection relates to the famous controversy with Isaac Lea. Most of his scientific works were illustrated by himself.

\*Coll. 327

COPE, EDWARD DRINKER, 1840-1897. Papers, 1859-1907. 187 items.

Cope was one of the most distinguished American scientists of the 19th century. He contributed over 1300 papers to scientific literature, and described more than 600 new species. The bulk of his work was in the fields of paleontology, zoology, geology and anatomy. A member of this Academy, of the American Philosophical Society, and of several foreign societies, he was once a president of the American Association for the Advancement of Science. He received many honors and medals for his accomplishments.

The collection contains certificates and honors, medals, manuscripts of scientific papers, drawings, scientific photographs, biographical material, news clippings, account books, and miscellaneous notes.

Gift of Haverford College Library, April 21, 1960 or archived from Academy's files.

\*Coll. 328

Signers:

Baker, George Falco, 1898; Biddle, Thomas, 1898(?); Bryant, Henry G. (2) 1896-98; Burnham, Williams & Co. (2) 1897-98; Cadwalader, John, 1898; Calvert, Philip P. 1900; Cashew, S., Jr. 1896; Conklin, E. G. 1898; Dixon, Samuel G. (2) 1897; Edenheim, Carl, 1897; Frazer, Persifor (2) 1898-99; Garrett, John B. (19) 1897-99; Garrett, Philip C. 1897; Green, H. A. 1897; Lewis, Edward, 1897; Longstreth, Edward, 1897;

McKean, William, 1896; Meehan, Thomas, 1897; Mercer, Henry C. (2) 1897; Morris, Effingham B. 1898; Nolan, Edward J. (2) 1897; Osborn, Henry F. 1897; Pepper, William (3) 1897; Rand, Theo. D. 1897; Rhoads, Samuel N. (3) 1897; Schaffer, Charles, 1897; Scott, W. B. 1897; Smith, Charles E. 1897; True, F. W. 1898; Vaux, George, Jr. (2) 1900; Wharton, Joseph, 1896; Wistar, Israel J. 1897; Worrall, C. A. 1897; Wortman, J. L. (2) 1897.

DANA, JAMES DWIGHT, 1813-1895. Photographs, 1891. 4 items.

Scientific explorer, mineralogist, geologist, zoologist, professor at Yale University, Dana was elected a member of the Academy in 1836.

Four photographs, mounted 20 x 25 cm. the first, a photograph of West Rock, taken from a point in Westville, Conn., the other three being possibly taken at the same location. The first photograph is published as Plate 7, accompanying the Dana article in the American Journal of Science, 3d series, v. 42, 1891, p. 79-110; The four rocks of the New Haven region.

Gift of James Dwight Dana, 1891 ?

Coll. 329

DARWIN, CHARLES ROBERT, 1809-1882. Letters, 1860. 2 items.

A letter, dated May 8, 1860 addressed to Dr. H. Stewardson, corresponding secretary of the Academy expressing appreciation for being elected a correspondent. Another, addressee not named (but internal evidence points to Joseph Leidy), March 4, 1860, thanking him for reprints of papers and expressing approbation and good will.

Gift.

Coll. 330

HOWARD, EDGAR B. Clovis, N. M. Field trips, 1932-35. Papers. 161 items.

Between 1932 and 1935 Howard made summer expeditions to the gravel pit near Clovis, excavating for evidences of early man in America. These trips were sponsored by the University Museum and the Academy of Natural Sciences both of Philadelphia, the Carnegie Institution and California Institute of

Technology. Names appearing in our records of the trips are John C. Merriam, Chester Stock, F. D. Bode, R. W. Wilson, Childs Antevs and D. Curry, with Sir Arthur Smith Woodward, Lady Woodward and V. Van Straelen listed as visitors. The papers consist of aims, plans of work, finances, results of expeditions, correspondence and publicity.

Archived.

Coll. 331

Signers:

Antevs, Ernst (2) 1934-35; Berkey, C. P. 1933; Davis, Emily C. 1933; Dolley, C. S. 1933; Field, Henry, 1935; Field, R. M. 1933; Figgins, J. D. 1933; Frick, Childs (2) 1935; Goldman, M. I. (3) 1933-34; Greenman, M. J. 1933; Hodges, L. M. 1933; Howard, E. B. (30) 1932-35; Howell, B. F. (4) 1932-33; Jayne, Horace H. F. (4) 1932-35; Keeley, F. J. 1933; Kidder, A. V. (2) 1932-33; Merriam, J. C. (5) 1932-34; Mitchell, J. J. 1933; Roosevelt, Kermit, 1933; Schultz, A. B. 1935; Stock, Chester (11) 1932-35.

MARSHALL, HUMPHRY, 1722-1801. Biographical papers, 1771-1950. 3 items.

Described by Louise C. Belden as "an intelligent farmer, solid Quaker, and member of the international circle of botanists who discovered, described and exchanged American plants between 1750 and 1800". This Pennsylvania botanist and colleague of William Darlington and Joseph Trimble Rothrock was an important figure in Botany in America. In this collection we have a photostatic copy of Marshall's signature, facsimile copy of a letter from Benjamin Franklin and F. W. Pennell's 7-page biography of Humphry Marshall, read before the Friends Historical Society and published by them.

The photostatic signature presented by Frank M. Bartram, 1934; the biography a gift of F. W. Pennell and the other material archived. Coll. 332

AMERICAN ASSOCIATION OF CONCHOLOGISTS. Membership book, 1890-92. 1 item.

The Association was organized on April 2, 1890. The first page of the book lists the eleven original members. The index contains names and addresses of all members, with the date they joined and the specialty selected. Record kept by John H. Campbell. Title-page written by H. A. Pilsbry.

Gift of Pilsbry, 1919.

Coll. 333

ROGERS, HENRY DARWIN, 1808-1866. Papers, 1842-45. 3 items.

A native Philadelphian, Rogers was appointed professor of chemistry in Dickinson College at the age of 22. Later, he studied in Europe, gave a course in chemistry at Franklin Institute, was professor of geology and mineralogy, then worked for the Geological Survey of New Jersey. In 1836 he became State Geologist of Pennsylvania and it was during his long tenure of this office that he made his name as a geologist.

This collection consists of three reports of various Academy committees. The first, a committee to prepare queries on the subject of Boulder Drift in Egypt; the second, a committee to assess a paper on supposed human foot-prints found near St. Louis; and the third, a committee to which was referred a paper on the geology of the upper Missouri.

Archived.

Coll. 334

Signers:

Goddard, Paul B. 1845; Johnson, Walter R. 1845; Morton, S. G. 1842;  
Taylor, Richard C. 1842.

DURÁN, J. B. Writings, 1940. Typescript. 2 items.

The two papers are entitled: "Usos y aprovechamiento de las cactaceas, Mexico, 1940", 74 pages with folded tables, and "Le Peyote" of 15 pages. The presentation letter to Mrs. Langman gives the author's name as cited but the typescript used the French form of Durand.

Gift of the Secretaria de Hacienda y Credito Publico, 1955 through Mrs. Ida K. Langman.

Coll. 335

GULICK, JOHN THOMAS, 1832-1923. Correspondence with George John Romanes, 1887-93. 66 items.

A student of evolution, Gulick was born in Hawaii of missionary parents, and becoming a missionary himself spent most of his life in the Islands. Time spent in Oregon-California, in New York and England and at Williams College provided scholastic contacts which developed a love of nature and especially of shells into a deep interest in evolution. These letters between him and George John Romanes deal largely with that subject. They were published in part in the biography written by his son Addison, Evolutionist and Missionary, John Thomas Gulick.

This collection is composed of carbon transcripts of the letters, the originals of which are in the Linnaean Society of London, but the copyrights for their publication are owned by the Chicago University press. A micro-film copy of the Academy's holdings is on file in the library of the American Philosophical Society at Philadelphia.

Gift of Gulick's son Addison, Oct. 24, 1932. Includes 26 letters signed by Gulick, 26 letters and postcards by George John Romanes and 2 by J. Fletcher Moulton.

Coll. 336

ECKHARDT, GEORGE H. The Isaiah Lukens clock, 1949. Typescript. 1 item.

As a member of the National Association of Clock and Watch Collectors, Eckhardt prepared an article, "Some remarks made . . . at the dedication of the Isaiah Lukens clock, the Old Custom House . . . Philadelphia . . ." May 20, 1949. Biographical, in part, reference is made to the Academy of Natural Sciences Library clock, p. 6.

Gift of McCready Huston, 1956.

Coll. 337

EMERSON, RALPH WALDO, 1803-1882. Letter, Nov. 19, 1854. 1 item.

Written at Concord, to William H. Furness. States that Mr. Thoreau goes to give a lecture at Spring Garden and suggests that he (Furness) plan to hear him. Further says that the only thing in Philadelphia, except the men, which would interest Thoreau is the stuffed birds at the Academy of Natural Sciences. [Apparently when Emerson was in the city Elias Durand showed him around the Academy which resulted in his expressed pleasure in them]. The last of the four pages is empty except for two pencil sketches, of the head in profile, of Thoreau, so identified by Charles Boewe in 1959 as being done by W. H. Furness.

The letter was given to Sarah Butler Wister, by H. H. Furness for an English friend of hers who collected autographs. She sent it to her "kinsman" Isaac J. Wistar, former President, with the remark that it rightfully belonged in the Academy's file and she was getting another plain autograph of Emerson to send to England. Isaac J. Wistar then wrote a covering letter to Samuel G. Dixon, March 13, 1905 presenting it to the library in the name of Dr. H. H. Furness, son of William H. Furness.

Gift of Sarah Butler Wister, March 11, 1905.

Coll. 338

ENGEL, HENRIK, Shell nomenclature, 1934. 1 item.

This paper of 61 pages by the well-known Dutch malacologist was sent to H. A. Pilsbry for his opinion regarding publication, as apparently rules of nomenclature were violated. It is understood that special rulings were made to validate it. The paper is accompanied by two letters about it.

Gift of H. A. Pilsbry in 1942.

Coll. 339

Signers of letters:

Pilsbry, Henry A.; Stiles, C. W.

ANSP. FINANCIAL AND BUSINESS RECORDS, 1860-1915. 5 boxes.

These ledgers and loose papers have not been finally sorted. Treasurer's vouchers from 1860 to 1904; salary rolls and canceled checks, 1899-1905; reports on funds, 1900-1914; bills receipted, 1900-1904; check stub books, 1868-1905; check stub books for the Manual of Conchology, 1911-1915; bank books, of Girard Trust 1899-1903; of the Trust Company of North America, 1897-1903; of the Western National Bank, 1861-1876; Fourth National Bank, 1866-1869; and reports of the Finance Committee are included.

Archived in 1960.

Coll. 340

FIELDE, ADELE MARION, 1839-1916. Correspondence, 1884-1919. 48 items.

Naturalist, missionary, lecturer and suffragist, Miss Fielde's letters are mostly written to Edward J. Nolan, former librarian of the Academy, dated from China, Europe, New York and Seattle, Washington. She was an Academy member, working here as a Jessup student in 1884, then going to China as a

missionary where she continued studies in natural history. Upon returning to this country she spent the summers of 1894 and 1895 at the Woods Hole Laboratory. In 1910 she was in Seattle where she endeavored to earn a living on the lecture platform. Toward her death she became something of a mystic. The letters contain much information about the natural history of China and historical information about the Academy. Miss Fielde's scientific efforts were devoted to the study of Formicidae upon which she wrote many scientific papers. This collection contains also two letters to Miss Fielde signed by Edward J. Nolan and one letter from her friend in Seattle, Helen N. Stevens, later her biographer.

Gift of Edward J. Nolan, 1919.

Coll. 341

ANSP. PUBLICATIONS. Mailing books, 1859-1919. 3 items.

These books contain lists of persons and institutions with addresses, dates of shipping and status of accounts. Exchanges are not included here. The three volumes cover the dates 1859-71, 1874-1913, and 1900-19.

Archived.

Coll. 342

SANKEY R. H. Drawings of shells, 1918? 20 items.

Drawings of land shells for a projected work, which the late W. H. Benson of the Bengal Civil Service intended publishing. Signature of George V. Mezdard, Nilgiri Hills on first page. Twenty plates, partly colored and unpublished; two plates numbered XIV, XV from the Journal of the Asiatic Society, Bengal, v. 38, pt. II, 1918.

Gift of the author.

Coll. 343

ANSP. EXCHANGES. Papers, 1858-1941. 10 boxes.

Originally undertaken by the Committee on Library and Publications and later the joint responsibility of two departments. With the first volume of the Journal in 1817 exchanges were initiated, with the specific aim of swapping information and incidentally building an Academy library. From a few journals received 145 years ago to the nearly 2,000 now coming, the exchange of publications has been the main source of serials received. This collection contains, lists of exchange institutions from 1858 to 1941, with addresses and shipping dates; also correspondence of establishing exchanges and gifts, claims and other records.

Archived. No list of institutions or signers has been prepared but papers are alphabetized by country.

Coll. 344

GAMBEL, WILLIAM, 1821-1849. Papers, 1843-45. 9 items.

Ornithologist, botanist and pioneer in exploring west of the Mississippi, he attracted the attention of Thomas Nuttall, who encouraged and guided him.

When little more than 21, he undertook an ornithological and botanical trip across the continent at Nuttall's instigation exploring northern New Mexico, Santa Fe to the Colorado River, Mexico and southern California. He sent bird specimens from California to Nuttall who published an account of Gambel's travels. Returning to Philadelphia he received his medical degree at the University of Pennsylvania. Later, he accompanied a party organized by Isaac J. Wistar to go to the California gold-fields. Halfway there he transferred to another party under Captain Boone of Kentucky which needed a physician. With most of the second party he perished in the mountains.

He was an active member of the Academy and was a candidate for Curator in 1847 but was defeated by J. Leidy, whose cause John Cassin favored. However he was an officer between 1845 and 49.

The collection is composed of seven articles, published in the Academy's Proceedings and biographical material.

Archived.

Coll. 346

Signers of letters:

Stone, Witmer, 1934; Winton, Harry N. M. 1934.

GARRETT, (MRS.) M. WAYNE, Recommendations on library, 1939. 1 item.

Having worked a short time at the library Mrs. Garrett prepared this long study for the library committee. Some of the policies were later inaugurated.

Gift of the author June 13, 1939.

Coll. 347

GEBBARD, JOHN. Plan of Ball's cave, Schoharie, N. Y. 1831-32. 1 item.

The plan in watercolors shows Ball's cave, Schoharie, N. Y. No scale is given. From the entrance to the south end it was explored by John Gebbard, Joel Foster and John S. Bonny, Oct. 21, 1831; from the entrance to the north end it was explored by John Gebbard and John S. Bonny, May 30, 1832.

Presented by George Vaux, Dec. 26, 1883.

Coll. 348

SHARP, BENJAMIN, 1858-1915. Papers, 1844-93. 9 items.

Philadelphia physician and zoologist, Sharp was educated at Swarthmore College, Universities of Pennsylvania, Wurzburg, Berlin and Leipzig and held positions in the Zoological Station at Naples, University of Pennsylvania and the Academy of Natural Sciences. He collected in the Carribean, the Hawaiian Islands and in the Arctic, where he was in charge of zoology for Peary's first Arctic Expedition in 1891.

Gift of Mary E. Starbucks to Elwyn P. Francis, who donated them in 1956.

Signers:

Francis, Elwyn R., Sr. (2) 1956; Phillips, Venia T. 1956.

\*Coll. 349

SHEAFER, PETER WENRICK, 1819- Report on coal lands, Wyoming, 1883.  
1 item.

Report on coal lands, Ham's Fork and Twin Creek, southwestern Wyoming Territory, June, 1883. Signed by P. W. Sheaffer and C. W. Sheaffer.  
Typescript. Coll. 350

SHEPPARD, EDWIN. Papers, 1869-93. 11 items.

For many years associated with the Academy as member and artist, Sheppard was a versatile illustrator of natural history subjects. He made illustrations for the Proceedings, as well as many bird portraits of excellent quality. Described by D. G. Elliot as "possessing exceptional ability and talent for portraying birds and bird life". His work as lithographer for the Manual of Conchology is verified by 37 receipted bills for his illustrations for the Conchological Section (Coll. 81) covering the years 1888-93. Sheppard's papers here described contain seven signed pencil sketches of fossils for Joseph Leidy's, Extinct Mammalia of Nebraska and Dakota, published in the Academy's Journal, 2d ser., v. 7, p. 54, 1869 and four quotations and bills for artistic work for the editor, E. J. Nolan, 1891-93.

Archived.

\*Coll. 351

PHILADELPHIA MOSS CHAPTER. Minutes, 1899. 1 item.

On February 4, 1899, a meeting was held at the Academy to organize an association of those interested in the study of the moss flora of the vicinity. At the second meeting, a week later, the name "Philadelphia Moss Chapter" was adopted, and officers elected: President A. F. K. Krout, Recording Secretary and treasurer, Alexander McElwee, and Corresponding secretary, Josephine B. Lowe.

The original leather-bound volume contains a laid-in letter signed by A. F. K. Krout, 1899.

Gift of the Society.

Coll. 353

SOWERBY, GEORGE BRETTINGHAM, 1788-1854. Index and contents of James Sowerby's Genera of Recent and Fossil Shells, 1834. 1 item.

British conchologist who continued the above-mentioned work of James Sowerby after the death of that scientist. The index is signed J. B. Sowerby and since the last part of the work was published in 1834 we assume this to be the date of the manuscript. This index and contents have been published and in the Library's copy are bound in front of v. 1.

Gift of the author.

Coll. 354

STEARNS, ROBERT EDWARD CARTER, 1827-1909. Papers, 1867-92. 15 items.

Malacologist and corresponding member of the Academy who accompanied W. Stimpson and Ezekiel Jewett in exploring invertebrate fauna of south-western Florida. Was employed in various federal agencies, as the U. S. Fish Commission, Geological Survey and National Museum. Collected large numbers of specimens for the Smithsonian Institution while on surveys. Eventually his personal molluscan collection was acquired by the National Museum.

The manuscripts consist of eleven letters addressed to Academy officials and one poem: "Ye Forde-Smythe Feud." The latter is signed R. E. C. S. Mar. 10, 1894 with a typescript attached. An additional copy in another hand and somewhat different in wording follows, signed "John Bull, Chiswick, Engl." The poems close a thin volume, a collection of the articles written by Edgar A. Smith and John Ford in the Nautilus.

Gift of John Ford.

Coll. 355

HABIRSHAW, FREDERICK. fl. 1877-85. Annotations, 1877-79. 1 item.

Student of the Diatomaceae, of New York City, Habirshaw prepared a Catalogue, with Bibliography, which was reproduced in New York, by the Edison Electric Pen process, in 1877. The work was greatly furthered by the help of his brother John Habirshaw, and prepared for publication by the instigation of Hamilton L. Smith of Hobart College. The particular copy in the Academy's Library is interleaved and bears a great many additions, bringing the whole up to 1879. These annotations are in the same hand as is the text of the 1877 edition, presumably that of the author.

The volume comes from the library of Christian Febiger, through the generosity of Mrs. Fife (his daughter). Dec. 1, 1952.

Coll. 356

HALLOWELL, EDWARD, 1809-1860. Papers, 1831-71. 52 items.

Hallowell was a Philadelphia physician who specialized in pathology and anatomy. He was also an active member of this Academy, and published 50 articles in its Proceedings, in the field of herpetology.

This collection contains notebooks and journals of travels, loose notes, bills, certificates and correspondence. Of his scientific articles published in the Proceedings, 15 are here included, 1842-54.

Gift. Purchased by Wm. S. Vaux and presented to W. Parker Foulke. His wife Julia de Vaux Foulke gave the papers back to the Hallowell family. Edward's brother Samuel donated them to the Academy in 1871. Coll. 357

Signers of letters:

Cope, E. D. 1861; Foulke, Julia DeVaux, 1871; Foulke, W. P. (2) 1861-62; Hallowell, E. (2) 1832; Hallowell, Samuel, 1871.

STEINHAUER, HENRY, fl. 1814-1832. Notebook on fossils, 1818-26? 1 item.

A Bethlehem, Pa. minister and amateur geologist, Steinhauer's 165 page notebook of information and observations on fossils, particularly those found in coal measures is not dated, but tentatively ascribed to the period following his publication in the American Philosophical Society's Transactions, 1817 and before his death. The Academy's 1835 catalogue of the library describes this item as: "Steinhaur, MS. Geological Notes of the late Rev. Henry Steinhaur."

Gift of J. P. Wetherill, whose signature appears on the flyleaf, with date of 1826 on cover. Coll. 358

TAIT, Honorable CHARLES, 1768-1835. Letters written to Judge Tait, 1829-35. 23 items.

Senator, judge, cotton planter and naturalist, he opened his home in Claiborne, Alabama to many explorers and collectors who were passing through. Elected a correspondent of the Academy in 1832, he, several times, attended courses of lectures at the Academy of Natural Sciences, as he did also in New Haven.

Gift of a descendant, Mrs. Samuel Woods, 1908 who had found them among family papers. Two letters from Mrs. Woods gives biographical details of the Judge and replies from E. J. Nolan are preserved with this collection.

Signers of letters: Coll. 359

Carey & Lea (2) 1830; Conrad, T. A. (2) 1833-34; Finch, John, 1834; Hale, William, 1834; Key & Biddle, 1835; Lea, Isaac (6) 1829-32; Morton, Samuel George (4) 1832-34; Nolan, E. J. (2) 1908; Silliman, Benjamin, 1834; Woods, (Mrs.) James (2) 1908.

HARRIS, EDWARD, 1799-1863. Journal, 1843-47. Typed transcript. 4 items.

Harris, a native of New Jersey, became a close friend and patron of John James Audubon. He supported some of his expeditions financially and joined him in two western trips, one in 1837 to Texas and the other in 1843 up the Missouri River. The two copies of the original journal in this collection give Harris' day by day account of this second trip. One is accompanied by a foreword by J. Fletcher Street. The original journal, and Harris' diary are in the Department of Archives and History of the State of Alabama, at Montgomery. Included in the collection are letters regarding its provenance.

Gift of Charles M. B. Cadwalader, 1947. Published in J. F. McDermott's, Up the Missouri with Audubon: The Journal of Edward Harris, 1951, p. 43-191. Coll. 360

TAYLOR, RICHARD COWLING, 1789-1851. Papers, 1815-49. 33 items.

An economic geologist and mining engineer of outstanding reputation, this Englishman came to America about 1830. He published many scientific papers both in England and in the United States. His interests here were especially in coal and his most important publication (754 p.), "Statistics of Coal". A member of many scientific societies, he was elected to the Academy in 1832.

The collection consists of four notebooks on mineralogy, geology and fossils; miscellaneous notes, drawings, tables, maps and letterpress items.

Gifts (1889) of his widow and of Pauline L. Neidham. Coll. 361

HARTMAN, WILLIAM DELL, 1817-1899. Writings, 1890. 2 items.

Physician, botanist, conchologist, entomologist and mineralogist, Hartman was curator of the Chester County, Pa. Cabinet of Natural Sciences, in 1842. Several of his publications on shells were issued by the Academy during the time he was a correspondent. The papers consist of (a) "A Bibliographic and Synonymic Catalogue of the genus *Helecina* Lam." and (b) Annotations about mollusks of Chester County.

Gift of S. S. Haldeman. \*Coll. 362

THORBURN, ARCHIBALD, 1860-1935. Watercolor, 1918. 1 item.

William Beebe's Monograph of the Pheasants, published 1918-22 included a colored frontispiece in vol. 1 entitled Kuser's Blood Partridge. Four artists' signatures appear on the colored plates, namely, Archibald Thorburn, G. E. Lodge, H. Gronvold and C. R. Knight. The frontispiece cited above was painted by Thorburn "after G. E. Lodge."

Gift of Mrs. Wm. R. Mercer, Doylestown, Pa., S. 15, 1950. Coll. 363

TORREY, JOHN, 1796-1873. Collector. Letters, 1765-1894. 285 items.

Originally assembled by Torrey as an autograph collection from which a series was chosen for the Academy, perhaps purchased by John Redfield who combined it with the Elias Durand collection of 109 letters and enlarged it to the present proportions. Most of the letters are dated 1809-59, with six earlier and two later ones. A typescript index and a microfilm copy of the originals are on file. Analyzed from A through J only.

Gift of Elias Durand, 1952 and John H. Redfield. Coll. 364

Signers:

Abbot, John, 1814; Adelung, Frederick von, 1818; Agardh, C. A. 1819; Agassiz, Louis, 1850; Aikin, Wm. E. A. 1833; Alger, Francis, 1842; Alibert, Jean Louis Martie Aliber, baron, n. d.; Arnott, George A. Walker, (2) 1839-50;

Bache, Alex. Dallas, 1829; Bachman, John, 1854; Bailey, Jacob Whitman, 1852; Baird, Spencer Fullerton, 1853; Balbi, Adriano, 1832; Baldwin, Wm,

## Coll. 364 (cont.)

1816; Barbe-Marbois, Francois Marquis de, 1827; Barlow, Joel, 1812; Barratt, Joseph, 1834; Barton, Benjamin Smith, 1795; Bartram, Wm., 1765; Beck, Lewis Caleb, 1841; Beck, Theodoric Romeyn, 1832; Bennett, Edward Turner, 1834; Bennett, John Joseph, 1840; Bentham, George (2) 1845-49; Biddle, Nicholas, 1827; Bigelow, Jacob, 1854; Bigelow, John Milton, 1852; Blake, William Phipps, 1854; Bonaparte, Joseph, 1818; Booth, Francis (2) 1845-51. Bory de Saint-Vincent, J. B. C. M. 1846; Bowerbank, James Scott, 1871; Brackenridge, William Dunlop, 1850; Brereton, John A. 1834; Brongniart, Charles, 1822; Buckland, Wm, n. d.; Buffon, George Louis Leclerc, 1774; Burrowes, Thomas Henry, 1837;

Carey, Mathew, n. d.; Cass, Lewis, 1834; Chapman, Alvan Wentworth, 1851; Cleaveland, Parker, 1845; Clapp, Asabel, 1839; Clinton, De Witt, 1817 ( ?); Clinton, Geo. William, 1828; Collin, Nicholas, 1823; Collins, Zaccheus (2) 1823; Conarroe, George M. 1859; Cooper, Thomas, 1819; Correa da Serra, José Francisco, 1822; Court de Gebelin, Antoine, 1783; Cresson, Elliott, 1825; Croom, Hardy Bryan, 1836; Curtis, Moses Ashley (2) 1845-52;

Dacier, Bon Joseph, 1827; Dana, James Dwight, 1854; Darby, John, 1836; Darlington, William, 1847; Decaisne, Joseph, 1852( ?); De Kay, James Ellsworth, 1825; Delessert, Benjamin, baron, 1840; Beleuze, Joseph Phillips Francois, 1829; Dewey, Chester (3) 1826-37; Dix, Dorothea Lynde, n. d.; Dowler, Bennet, 1884; Downing, Andrew Jackson, 1851; DuPont de Nemours, M. 1815;

Eaton, Amos, 1840; Ecker, Alexander, 1850; Elliott, Stephen, 1824; Emmons, Ebenezer (2) 1837-47; Engelmann, George (3) 1846-50; Espy, Josiah Murdock, 1822; Everett, Edward, 1834;

Fensholme, G. W. 1837; Fischer, Friedrich Ernst Ludwig von (2) 1841-42; Flourens, Pierre, 1838; Fowler, L. 1824; Franklin, Benjamin, 1848; Fremont, John Charles (2) 1848-50;

Gasparrini, Guglielmo, 1838; Gerando, Auguste, baron de, 1828; Gliddon, George Robins, 1842; Godman, John Davidson, 1827; Goetze, Peter Otto von, 1827; Gould, John, 1847; Grammery, M. n. d.; Gray, Asa, 1828; Gray, John Edward, 1830; Green, Jacob, 1832; Greville, Robert Kaye, 1831; Griffith, Robert Eglesfeld, 1820; Griscom, John Hoskins, 1853; Guizot, Francois Pierre Guillaume, 1843; Guyot, Arnold Henry, 1854;

Haidinger, Wilhelm Karl von, 1853; Hall, Basil, 1829; Hall, James (2) 1841-46; Hare, Robert (2) 1834; Harvey, William Henry, 1851; Hembel, William (3) 1849-50; Herschel, Sir John Frederick William, 1860; Higgins, William Mullinger, 1832; Hitchcock, Edward (2) 1821-35; Holbrook, John Edwards, n. d.; Hooker, Sir William Jackson, 1823; Horsford, Eben Morton, 1853; Hosack, David, 1826; Houghton, Douglass, 1832; Humboldt, Alexander von, 1833; Humboldt, Wilhelm, freiherr von, 1831; Hutton, William, 1831;

Irving, Washington, 1832; Jardine, Sir William, 1847; Jefferson, Thomas,

1815; Johnstone, James Finlay Weir, 1838; Jomard, Edme Francois, 1830; Jullien, Auguste, 1831; Jussieu, Adrien de, 1852; Kane, E. K. 1851; Keating, Wm. H. (2) 1822-27; Kent, James, 1824; Klaproth, M. H. 1824; Krusenstern, A. J. von, 1836; Kunze, J. 1843;

Lacepede, Bernard Germain Etienne, comte de 1808; Lapham, Increase Allen, 1837; Lehmann, J. G. C. (2) 1845-46; Lepieur, R. 1852; Liebar, Francis, 1829; Lincklaen, Ledyard, 1853; Lindley, John, 1841; Lindsley, J. B. 1855; Loudon, J. C. (2) 1834-41; Lovering, Joseph, 1855;

Mackay, James Townsend, 1842; Maclure, William, 1820; Marcou, Jules, 1855; Marcy, R. B. n. d.; Marshall, Judge John, 1827; Martile, G. A. 1854; Martius, K. F. P. von, 1845; Mather, W. W. 1828; Michelotti, Jean, 1841; Mignet, Francois Aguste Marie Alexis, 1828; Mitchill, Samuel L. 1815; Monticelli, Teodoro, 1828; Morse, Sam. F. B. 1847; Morton, Samuel George, 1850; Muhlenberg, Henry, 1792; Nicollet, J. N. 1841; Nuttall, Thomas (2) 1850;

Oakes, William (2) 1826-41; Olmsted, Denison, 1842; Olney, St. T. 1845; Ord, George, 1843; Paravay, Chas. de, 1840; Pardessus, M. 1825; Parry, Charles C. 1852; Pedersen, Dr. 1840; Porcher, Francis P. 1846; Peter, Robert, 1837; Pickering, Charles (2) 1828-51; Poinsett, Joel Roberts, 1828; Prescott, Th. H. 1843; Priestley, Joseph, 1802; Prinsep, James, 1833; Puzos, M. 1832;

Quetelet, Lambert Adolphe Jacques, 1839; Quincy, Josiah, 1834; Raffeneau-Delile, Alire, 1822; Rafinesque, C. S. (5) 1802-32; Ramsey, David, 1790; Renard, Dr. 1853; Remusat, J. P. Abel, 1827; Riddle, John Leonard, 1840; Rives, W. C. 1832; Robiquet, M. 1837; Rosser, Bernard, 1854; Rutledge, J. 1806;

St. Hilaire, Geoffroy, 1831; Salvandi, Narcisse Achille, 1845; Sartwell, H. P. 1849; Say, Thomas, 1828; Schlechtendall, D. E. L. 1845; Schoolcraft, Henry R. 1850; Schweinitz, Lewis D. de, 1829; Seybert, Adam, 1821; Shaler, William, 1828; Short, C. W. (3) 1831-34; Silliman, Benjamin (3) 1828-50; Silliman, Benjamin, Jr. 1853; Sparks, Jared, 1825; Spencer, Charles A. 1851; Sprengel, Anton, 1820; Stansbury, Howard, 1852; Story, Joseph D. 1841; Strickland, William, 1839; Sturm, Jacob, n. d.; Sullivant, William S. (3) 1841-52; Swainson, William, 1827;

Tenore, Michel, n. d.; Thacher, Peter A. 1834; Thompson, Zadock (2) 1850-54; Thomson, Thomas, 1828; Tiers, M. 1840; Tommasini, Joseph, 1843; Torrey, John, 1850; Townsend, John K. 1834; Trecul, Auguste, n. d.; Trinius, Dr., 1823; Troost, Gerard, 1826; Tuckerman, Edward, 1851; Vattemere, Alexandre, 1846; Vaux, Roberts, 1834; Willemain, M. 1844;

Wachtmeister, Trolle, Count, 1819; Wailes, B. L. C. 1854; Walsh, Robert, 1836; Walter, Thomas U. 1837; Ward, N. B. 1876; Warden, D. B. 1832; Washington, John, 1839; Waterton, Charles (5) 1834-65; Webb, P. B. (2) 1844; Webster, J. W. 1841; Webster, Noah, 1843; Wheaton, Henry, 1828;

## Coll. 364 (cont.)

White, William, 1824; Wied-Neuwied, Maxmillan Alexander Phillip, prinz von, 1850; Wilson, Alexander (6) 1806-12; Wistar, Caspar, 1815; Wister, Charles, 1850; Wolff, Joseph, n. d.; Wright, Charles (3) 1852-53.

ANSP. HABITAT GROUPS - BISON. Papers, 1932-34. 264 items.

Through the generosity of Mary M. Trexler, the habitat group of the American Bison was erected in the Academy in 1934 in memory of her husband, General Harry C. Trexler. The specimens came from the famous herd on the Trexler game preserve near Allentown, Pennsylvania, the background being painted by C. Clarke Rosenkranz from sketches made in the Judith Basin Region, Montana. The group was designed by Harold T. Green and the formal opening held on Nov. 17, 1934.

Archived from retired files in 1961.

Coll. 365

Signers:

Beck, H. M. 1934; Benner, Nolan P. (14) 1934; Blackburne, I. P. C. 1934; Chapman, W. S. 1934; Doyle, J. M. n. d.; Drinker, H. S. 1934; Foster, F. B. (2) 1934; Garretson, M. S. 1934; Graves, Mr. 1934; Gray, C. R. 1934; Gray, P. N. (3) 1934; Green, H. T. (2) 1934; Harrison, G. L. n. d.; Harrison, W. M. 1934; Henry, I. H. R. 1934; Holland, J. W. (2) 1934; Hopper, T. V. 1934; Huidekoper, Wallis (5) 1934;

Isley, Bliss, 1934; Isley, C. C. (2) 1934; Jonas, Louis (33) 1934; Kenney, W. P. (3) 1934; LeStrange, J. A. 1934; Marlow, T. A. 1934; Mechem, Kirke, 1934; Milliken, C. E. 1934; Morrison, Lesle, 1934; Murdock, Victor, 1934; Pettijohn, H. W. 1934; Rosenkranz, C. C.; Story, Isabelle F.; Trexler, H. C. Estate (2) 1933-34; Trexler, Mary M., 1933; White, W. A. (3) 1934; Wister, Owen, n. d.

POEY, FELIPE, 1799-1891. Papers, 1851-69. 39 items.

Ichthyologist, malacologist and entomologist, founder-director of the Museum at Havana, and professor at the University there. With two others he supported the field work of J. Gundlach. He was a corresponding member of the Academy, to which a part of his collections were given. His papers consist of lists and notes on Hymenoptera, Coleoptera and Lepidoptera of Cuba, four letters to A. Guex and some notes and lists of J. Gundlach.

Archived from the Dept. of Entomology.

\*Coll. 366

Signers of letters:

Gundlach, Johann, 1869; Poey, Felipe (4) 1856; Ramson, Coleman, 1869.

ANSP. LIBRARY. Journal of Additions, 1845-85. 6 items.

These so-called librarian's books record the day to day accessions for the dates covered. In 1885 the card catalog was started by E. J. Nolan, replacing the ledger form of catalog. On the title-page of the 1856-65 volume is a list of librarians and dates of service, signed by Nolan. Edward J. Nolan himself became librarian in 1862 and was for years the only paid member of the staff of the Academy. The Journals cover the years 1845-50, 1850-56; 1856-65, 1865-73, 1873-76, 1876-85. Coll. 368

LINCECUM, GIDEON, 1789-1873. Writings on ants, 1865. 1 item.

Frontier teacher, physician, explorer and naturalist, Lincecum published his observations in the Proceedings of the Academy and in the Linnean Society of London. He sent valuable collections of plants and insects to many museums.

The treatise is composed of 42 small numbered units, no. 3, 6-48. A fly-leaf carries a memo signed E. J. N. stating that the manuscripts had not been published in the Proceedings of the Academy. A title-page to no. 20 has a note in the hand of E. T. Cresson, Jr., stating that they were published in the Proceedings, but with no date nor volume cited.

In 1865-6 various writings in the form of letters to E. Durand were published.

Gift of the author, 1865.

Coll. 369

POWEL, SAMUEL, fl. 1847-1881. Photographs, 1849-65. 74 items.

Primarily a business man with one home in Newport, Rhode Island, another in Philadelphia, Samuel Powel was once a member of the Board of Trustees at the University of Pennsylvania and a great friend of Joseph Leidy. As an amateur naturalist he was interested in optics and the invention of a machine for showing microscopic slides directly on a screen. He was elected to the Academy in 1847 and for a short period was its corresponding secretary. The photographs in this collection include 67 fish and 6 pictures of crabs. They are all mounted on cards and are accompanied by a letter to Joseph Leidy, 1865.

Archived.

Coll. 370

HUMPHREY, GEORGE, fl. 1776-1797. Collecting and preserving natural curiosities, 1776. 1 item.

George Humphrey, dealer in natural curiosities, No. 70 St. Martin's Lane, London, addressed this essay to collectors on board whalers coursing the Atlantic Ocean, from the Str. of Magellan to Boston. These collectors were under the direction of Mr. Stanesby, who decided whether to accept goods or cash in return for the specimens. A postscript bears the date 25 Mar. 1776 and is initialed G. H. Full title, "Directions for Collecting and preserving all kinds of natural curiosities, particularly insects and shells. London, 1776."

Illustrated by 10 figures of insects and equipment, one colored plate of Shells showing 32 figures.

Gift of Thomas F. Leaming, n. d.

Coll. 371

TROOST, GERARD, 1776-1850. Papers, 1810(?) -47. 3 items.

A native of Holland, Troost was educated in the universities of Leyden and Amsterdam and studied mineralogy with the Abbé Hauy of Paris. After coming to Philadelphia he was a founder and first president of the Academy of Natural Sciences of Philadelphia. Later he moved to New Harmony, Indiana, with Maclure, Say and Lesueur, then became professor at the University of Nashville and subsequently the State Geologist of Tennessee.

This collection consists of a letter, a daguerreotype of Troost, and a bound catalogue, on laid paper, of mineralogical specimens, with localities, numbered 1-1982. Unsigned and undated, the handwriting is that of Troost, and internal evidence indicates it to be a catalogue of his personal collection, made partly before coming to America.

Gift of the author, 1847 (?)

Coll. 372

TRYON, GEORGE WASHINGTON, Jr., 1838-1888. Papers, 1882. 7 items.

Gunsmith by trade, conchologist by avocation, Tryon's connections with the Academy extended from 1859-76, during which time he was a curator, secretary of the Board of the Building Fund, founder of the Conchological Section and editor of the American Journal of Conchology and the Manual of Conchology. Deposited his collections and library in the Section, and set up a permanent trust fund towards its support.

These papers concern the erection of the fund through the sale of Academy library books in the fields of history, politics, literature and the fine arts. He engineered the auction with the understanding that the sum realized be divided between the library and the Conchological section. The collection consists of 6 letters and documents and annotations in the printed catalog of the auction, giving prices received for each book and the total amount netted, \$1,293.58.

Gift of the author, 1882.

Coll. 373

Signers:

Corlies, S. F. 1882; Henszey, W. S. 1882; Leidy, J. 1882; Mactier, W. L. 1882; Nolan, E. J. 1882; Perot, C. P. 1882; Ruschenberger, W. S. W. 1882; Tryon, G. W., Jr. (2) 1882.

JAY, JOHN CLARKSON, 1808-1891. Annotations, 1850 ? 1 item.

Physician and conchologist, elected corresponding member of the Academy in 1835. A catalog of the author's cabinet of shells in the form of annotations interleaved in his "A catalogue of the shells arranged according to the Lamarckian system . . . contained in the collection of John C. Jay . . ." 4th ed. New York, R. Craighead, 1850.

Presented by the author.

Coll. 374

JESSUP, AUGUSTUS EDWARD, 1797-1859. Papers, 1822-1913. 121 items.

Geologist, mineralogist and paper manufacturer. Attended Dr. Thomas Cooper's Scientific School in Philadelphia, beginning about 1816. Elected a member of the Academy of Natural Sciences of Philadelphia and became very active in its affairs. Made a trip to Mexico in 1817 or 1818, and returned with valuable mineral collections. In 1819 joined Major Long's Expedition to the Rocky Mountains as its official geologist. He bequeathed extensive mineralogical and geological collections to the Academy. After his death his family donated a total of \$20,000 to the Academy as the "Jessup Fund," which is still active for its original purposes of aiding students, both men and women, in natural history, and in support of publications.

This collection consists of correspondence, biographical material, data regarding the Jessup Fund and applicants for its benefits, letterpress regarding his paper business, and articles published in the Academy's Journal.

Gift of author and his family.

\*Coll. 375

Signers of letters and documents:

Baker, F. C. (2) 1890; Brooks, T. Fernley, 1879; Haines, George, 1819; Ives, Henry G. (2) 1889-93; Ives, Joseph E. (2) 1889-92; Jessup, A. D. 1860; Jessup Ernest, 1860; Kelley, Edwin A. 1885; Kite, J. Alban, 1879; Leidy, Joseph, 1880; Marshall, Wm. B. 1885; Moore, Clara Jessup Bloomfield (11) 1860-96;

Nason, Chas. D. 1896; Ogden, James A. (2) 1885; Parker, C. F. 1880; Pennell, Howard Y. (3) 1893-94; Perot, Charles P. 1894; Pilsbry, H. A. 1887; Porter, Thos. C. (2) 1885; Prichard, Arthur H. 1893; Richardson, Jas. E. (2) 1893-94; Rhoads, Sam. N. (3) 1892-93; Ruschenberger, W. S. W. (7) 1894-98; Stone, Witmer (2) 1889-92; Whitney, Maria Moseley (2) 1893; Wilson, John Harner, 1883; Wright, Sam. (2) 1891-92.

ANSP. LIBRARY. Catalogs, 1824-1943. 130 items.

The first catalog was published in the 1st series of the Journal, v. 4, 1817-1824. The next was made by Isaac Hays, 1824-1834, followed by one published with the Act of Incorporation and By-Laws, 1836. Additions through 1850 are interleaved in a special library copy of the 1837 catalog. From 1850-1915, the catalogs were made by librarians J. D. Sergeant and Edw. J. Nolan. In 1915, when they were copied on the typewriter, they were then called shelf lists, duplicating the card catalog in a slightly abbreviated form. They were alphabetized by author, but no complete data or dates given. These shelf lists were used until 1943 when the Library was recataloged according to the Library of Congress system.

\*Coll. 376

Signers:

Hays, Isaac, 1834; Nolan, E. J. 1862; Sergeant, J. D. 1850.

COVENTRY, GEORGE A. Writings on Crustacea, 1940-42. 3 items.

Once a research worker at the Academy, his special interests centered in this Zoological group. Of the three papers, two are concerned with Jeanne S.

Schwengel's collection made in Florida in 1940. There are three pages of introductory material stating the condition under which the Crustacea were collected, the total number of species and specimens and the locale of each, followed by a paper minutely describing the species, 12 pages. Another article of 40 pages is entitled, "Family Caligidae."

Gift of the author, 1942.

Coll. 377

WATTS, ETHELBERT, Photographs, 1901-05. 7 items.

Photographs taken by Watts for the expedition sent out by the Imperial Academy of Science, Leningrad, for the excavation of the Mammoth found in the River Berezowska, in 1901, including picture of the skeleton mounted in the museum in Leningrad.

Gift of Watts through Thomas Biddle.

Coll. 378

WHEATLEY, CHARLES MOORE, 1822-1882. Photographs of Saurian bones and mounted algae, 1860. 15 pieces.

Engineer and naturalist, Wheatley's chief interest was in conchology, where he specialized in freshwater shells. His cabinet was bequeathed to Union College, later transferred to Schenectady museum and in 1959 was obtained by the Museum of Comparative Zoology. Another collection was divided into similar lots and sold at auction by Tydner of Philadelphia, one to E. D. Cope the other to the University of Pennsylvania. Both of the sales collections are now in the Academy. His discoveries in paleontology pertained to Pennsylvania.

A folio volume in the Academy gives some biographical clues to a botanical interest. 147 leaves of mounted, named Algae was prepared by S. Lounsbury and presented to Wheatley, as lettered on the cover. In general, the specimens were taken from the Hudson, N. Y. area, with a scattering from Maine, collected by J. Walters, a few from California by W. Pike, some from New London Harbor by E. M. F. and several from England, of unknown provenance.

Gift of the author (photographs), 1860 and from two ladies, anonymous friends of the Academy, 1881.

Coll. 379

KAUP, JOHANN JAKOB, 1803-1873. Papers, 1848. 12 items.

German paleontologist and vertebrate zoologist, Kaup published a great deal between 1823 and 1871. He presented a peculiar new classification system for birds which was never accepted. Elected a correspondent of the Academy in 1848, he wrote of a projected trip to the United States and offered to sell his large collection of Lepidoptera to the Academy. A list of 4,525 species accompanied the letter. The four colored classification charts refer to ornithology, with vignettes of various types of birds, one at the tip of each of the five points of the star. Each plate is marked Kaup in the upper right corner.

Gift of the author.

\*Coll. 380

WIJHE, JAN WILLEM van, 1856-1935. Amphioxus plates, 1912. 6 items.

Dutch anatomist and embryologist, professor at Groningen University and correspondent of the Academy of Natural Sciences. Engraver's proofs of 5 plates for an article on Amphioxus, intended for publication in the Academy's Journal, centennial volume of 1912.

Also, a statement by E. J. Nolan, Oct. 19, 1912, explaining why the paper was not published in that volume.

Gift of the author, 1912.

Coll. 381

LeCONTE, JOHN LAWRENCE, 1825-1883. Papers, 1843-83. 12 items.

Trained as a physician, LeConte made his name in the world thru his collecting and studying of Coleoptera. He has been referred to as the greatest Coleopterist of the country and one of the finest systematists. Not only did he make many collecting expeditions in this country but went to Central America, to Europe, Egypt and Algeria. He was enlisted in the army medical corps during the Civil War and later returned to Philadelphia as Assistant Inspector of the Mint in that city. His extensive collection was presented to Harvard University as the possession of the Museum of Comparative Zoology. This collection included 6,000 types and was to be always available for study and use by his colleague, G. H. Horn of the Academy of Natural Sciences.

The present manuscripts consist of an annotated catalogue of the Coleoptera of the Academy, stressing additions and corrections to his published work. Also included is a paper on lightning bugs which was apparently never published, notations on Hays' Arctic Expedition of 1858, a report as a member of the Committee on Proceedings of the Academy written in 1856 along with W. H. Rand, Joseph Leidy and George A. McCall. Finally several biographical items are included which contain a copy of his will made soon before his death.

These materials were archived from various areas in the Academy's files in 1961.

\*Coll. 382

KIN, MATHIAS, d. 1825. Drawings of oaks, 1804(?). 13 items.

Supposedly born in Germany, with headquarters in Germantown, Pa., from whence he journeyed over the eastern United States in search of new plants and seeds. These he shipped to parties in Germany. His birth date is not known, though Henry Muhlenberg's reference to him in 1812 indicates he was then in middle life. On his expeditions he dressed as an Indian and was called "the Indian plant-hunter". This collection consists of 12 fine pencil drawings of oak leaves, twigs and burs, on heavy rough paper watermarked "1804 - J. Whatman." There is also a newspaper clipping of a biographical sketch, by Thomas Meehan, 1891.

Gift of Harvey Lewis, n. d.

Coll. 383

VIERECK, HENRY LORENZ, 1881-1931. *Andrena*, a genus of bees - classification of the Pan-American species, 1923? 1 item.

This workbook of Viereck's is in the form of a loose leaf arrangement, is labeled the "first carbon copy" and is profusely interlined and corrected by the author. Many of the corrections are in red ink but certain additions are in black. The 124 numbered pages are taken up with general information and keys to the species, while the unnumbered pages at the back constitute descriptions of each species mentioned. About 100 pages are laid in the back which make up either a check list or an index to the volume.

Gift of the author, having been left in the department of Insects when he last visited the Academy. Coll. 384

VIERECK, HENRY LORENZ, 1881-1931. Genotype Catalogs, 1913-22? 2 items.

In these catalogs Viereck intended to record the location of various hymenopterous genotype specimens, many being in the Academy, others in the U. S. National Museum and a smaller number in foreign collections. The first of the two volumes is concerned with "Braconidae," the second with "Ichneumonidae." Both are profusely interlined with corrections and additions.

Gift of the author, who left them in the Department of Insects. Archived in 1960. Coll. 385

WOOD, MERRILL. The Birds of State College, Pa., 1932. Typescript. 1 item.

The article, written by this Professor of Zoology, at the Pennsylvania State College was prepared for Zoological Problems 444, June, 1932.

Coll. 386

WOODHOUSE, SAMUEL WASHINGTON, 1821-1904. Papers, 1849-89. 16 items.

Naturalist and surgeon, he accompanied the U. S. topographical engineers, under Sitgreaves and Woodruff, on the Boundary Survey of the Creek and Cherokee Indian Nations, 1849-50, and again under Sitgreaves, on the Zuni River Expedition in 1851-2. The next year, he was a member of the private enterprise Inter-ocean Canal, Railroad and Mining Company's Expedition to Nicaragua and Honduras. In 1859-60 while surgeon on Cope's Line of Packets running between Philadelphia and Liverpool, he made a trip through Europe. For all these, he kept diaries, including notes on meteorology, topography and natural history, as well as day to day living conditions, foods eaten and Indians encountered. Register was kept of the illnesses treated of both Expedition personnel and Indians, including a detailed account of a rattlesnake bite he himself suffered. Elected a member of the Academy in 1845, he showed special interest in ornithology but collected all kinds of natural

history objects while on his travels. These were all deposited in the Academy's museum.

Published in part as Report on the Natural History, by S. W. Woodhouse, p. 31-198, pls. (part in col.) In Report of an Expedition down the Zuni and Colorado rivers, by Capt. L. Sitgreaves, 1853.

Gift of the author, sometime between 1889 and 1904.

\*Coll. 387

Names of signers:

Squier, E. George, 1854; Woodhouse, S. W. (2) 1854.

STAUFFER, JACOB, 1808-1880. Papers, 1866-67. 3 items.

Amateur naturalist of Lancaster, Pa., though E. D. Cope referred to him as "my friend Jacob Stauffer, Secretary of the Linnaean Society of Lancaster, an ardent explorer of the Zoology and Botany of southern Pennsylvania . . .". So far as known, he published but three papers, two on the natural history of insects and the other on botany. His interests, however, were much more widespread. During his life he made several large notebooks, consisting essentially of illustrations of species of plants and animals. One of these on shells - belongs to the Academy, and the one on fishes is owned by the American Philosophical Society. At least three others are known to have been prepared, on insects, on birds and on plants. From the shell book we have, it is obvious that many of the illustrations were copied from published volumes, though some are unquestionably original. From remarks in a letter to S. S. Haldeman, his apparent reason for copying was the lack of books in his own library. He attempted to secure funds from the State Legislature for an appointment to prepare and publish an illustrated work on the "Flora and Fauna of our State", but received only a letter of recommendation signed by 32 senators. He was elected a corresponding member of the Academy in 1866.

Notebook is gift of Charles Chapman, Jan. 1959, purchased from Sessler's bookshop long ago. Letters archived from Academy's historic collection.

\*Coll. 388

MEIGS, JAMES AITKIN, 1829-1880. Papers, 1852-77. 23 items.

Physician, physiologist, ethnologist and teacher, Meigs was associated with the Jefferson Medical School, the University of Pennsylvania and the Academy of Natural Sciences. His interest in craniography resulted in his compilation of a "Catalogue of Human Crania, in the Collection of the Academy of Natural Sciences of Philadelphia, 1857." He became a member of the Academy in 1852, was elected to the Standing Committee on Ethnology in 1854, becoming its chairman three years later, which office he held until its dissolution in 1876. He was librarian from 1856 to 1859. His activities at the Academy waned towards the end of his life, but his library and skull collection were donated by his father, John G. Meigs in 1895. This collection of papers consists of annotations in various catalogues, a handwritten list of the books donated to the Academy, a bound record of tables in Craniography prepared by Meigs, and many papers and notes about his various studies.

The papers were apparently all donated with the Meigs library and remained in the Academy's archives through the years.

\*Coll. 389

McBRIDE, JAMES, 1788-1859. Papers. 1819-59. 4 items.

McBride, author and local historian of Hamilton, Ohio, was a collector and student of the archaeological remains in the mounds of the Ohio valley. He made a mounted wooden model of the earth - with hollow ends - illustrating the theories of John Cleves Symmes, an army captain in the war of 1812. This globe is at present in the office of the Director of this Academy. The collection consists of papers relating to Symmes, photo of the globe, memorandum about it, and a bound volume of news clippings reporting on Symmes' lectures over the country relating to his theory.

Clipping volume and the globe are gifts of George Vaux.

Coll. 390

ANSP. OFFICERS' LISTS. 1812-1955. 91 items.

Grouped together are the nominations, the elections according to the tellers' rosters, lists of the officers from the founding of the institution to 1955 and a large group of loose papers which have to do with individual recommendations, reports and other documents about the incumbents of the various offices of the Academy. Included here also are lists and information about members of committees of the Academy.

Archived.

\*Coll. 391

Signers of documents:

Bache, A. D. 1829; Brinton, E. B. 1880; Carpenter, G. W. (20) 1827-32; Carson, Joseph, 1834; Cresson, E. T., Jr. 1915; Gibbons, Wm. P. 1834; Goddard, P. B. 1833; Griffith, R. E. 1834; Haines, Reuben (2) 1824; Hedelius, Chas. (2) 1831-32; Jeanes, Joseph, 1847; Laurent, Philip, 1915; Lukens, Isaiah, 1833; McEuen, Thomas, 1828; Martindale, Isaac C. (2) 1880-82; Mitchell, J. R. 1824; Morton, S. G. (4) 1824-34; Palmer, T. Chalkley, 1915; Peterson, Robt. E. 1835; Perot, Chas. P. (3) 1880-82; Phillips, M. E. 1955; Pickering, C. 1824; Potts, Ed. (2) 1882-83; Poulson, C. A. 1831; Tryon, Geo. W., Jr. 1881; Vaughan, John, 1824; Vaux, Wm. S. (2) 1835-47; Wetherill, John P. (2) 1825-34.

GEOLOGICAL SOCIETY OF PENNSYLVANIA, PHILADELPHIA. Papers, 1842-50. 2 items.

In 1832 seven interested geologists and six affiliated societies, of which the Academy of Natural Sciences was one, banded together to form a society, the chief purpose of which was to promote the establishment of a State Geological Survey of Pennsylvania. Most of the geologists were members of the Academy of Natural Sciences and Richard Harlan acted as curator, member of the committee to prepare a statement for the State legislature, and later became the corresponding secretary. The Geological Society apparently ceased to exist about 1835 but during the few years of its activity one volume of Transactions was published, which included a list of the members and the officers of the young Society. The collections of mineral and geological specimens were intended to be deposited in existing cabinets at various places throughout the State. Many of them are today among historic collec-

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tions at the Academy. The two documents in this collection were both signed by Dr. Renard for the Société Imperiale des Naturalistes de Moscou, and announced the shipment of its bulletins to the address of the Geological Society.

The letters were found with the official correspondence of the Academy.

Coll. 392

WINCHESTER, HELEN. Illustrations, 1946. 1 item.

Scientific artist who worked for the Academy for many years during the first half of this century. She made illustrations for several departments, but her most extended and finest work was for the shell department. This collection contains a single original watercolor plate of Liguus shells which was published as the frontispiece of vol. 2, part 1 of the Academy's Mono-graphs, 1946. Nearly 70 of her original colored plates, and several in black and white are found in Coll. 555.

Gift of the artist, 1946.

Coll. 394

ORR, G. A. BISHER. Papers, 1942. 3 items.

On a collecting trip to Honduras, from Bay Islands to Bonacca in 1942, Orr kept a diary, pages 7-18, giving a running description of the environment and weather conditions, while pages 100-109 list and describe the collecting stations set up, with the catches, dates and habitat information for each species. Accompanying the diary is a list of equipment used and a summary of the numbers of specimens caught.

Gift of the author, 1942.

Coll. 395

HAINES, REUBEN, 1786-1831.<sup>†</sup> Papers, 1814-1914. 8 items.

Corresponding secretary of the Academy from 1813 to his death in 1831, he was interested in science in general, but apparently a specialist in no single branch. Also a member of the Franklin Inst., and founder of the Hose Companies in Philadelphia. His residence in Germantown still stands, now being known as "Wyck" and there he entertained Lafayette when he visited Philadelphia. Collection consists of articles for publication, reports, photographic copies of portraits, and letters from various sources about biographical details.

From Academy archives and gifts from a grandson, also named Reuben Haines.

\*Coll. 396

Signers:

Haines, Reuben, Jr.; Hays, Isaac M.

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<sup>†</sup>Printed date of birth on our lithographic portrait is 1785 but his grandson, in 1914, when checking the biography of his grandfather for Nolan's history, and apparently taking his information from family records, gives it as 1786 in every case.

NITZSCH, CHRISTIAN LUDWIG, 1782-1839. "Zoologie". 1828. 1 item.

German zoologist, whose main interests lay in entomology and ornithology. This volume of 320 pages deals mainly with classification and general information about vertebrates, shells and insects, including fossil forms.

Gift of Graceanna Lewis, whose presentation note is tipped in. Coll. 397

PENNSYLVANIA AUDUBON SOCIETY. Papers, 1886-1937. 235 items.

A Society by this name was incorporated in 1886, was active in furthering the study of ornithology and in the field of education in the protection of wild birds. Interest died after a few years and the Society practically ceased to exist. In 1896 another Society was founded, whose seal gave its name as the "Audubon Society of Pennsylvania." This second society was not incorporated, but followed the same line of interest and actually became known as the "Pennsylvania Audubon Society," even its letterhead being so worded. In 1907 only one member of the 1886 society was known to be living and the two societies were united at that time. The members of the second society used its own funds, but adopted the charter of the earlier one and became a very active force in the ornithological world of the state. It used its membership and facilities in the education of school children, even paying a salary to its own lecturer for that purpose. It pushed legislation against the collection of birds' eggs, worked against the use of birds and bird feathers by milliners and finally helped to enact a law against the caging and selling of wild birds. At one time, it boasted of 6,000 members, but again interest ebbed and by 1936 only 4 members could be located, namely the secretary, Elizabeth Wilson Fisher, the president, Witmer Stone the treasurer, William L. Baily, and one member of the Board of Directors, Hilda Justice. Unanimously the decision was reached to disband the society. Its money, after a generous amount was assigned to the publication of Witmer Stone's Birds of Old Cape May, was turned over to active ornithological organizations.

This collection contains the official documents and correspondence concerned with the Society, under all its names, and throughout its existence.

Part of the papers were archived from the Education department and the remainder, along with Witmer Stone's correspondence, was donated by C. M. B. Cadwalader, purchased from Mrs. Stone after her husband's death.

Signers:

\*Coll. 398

Bay (Mrs.) H. W. 1919; Baily, William L. (5) 1904-36; Balch, Edwin S. n. d.; Bowdish, Beecher S. (12) 1913; Buchanan, George H. Company, 1913; Cozens, John F. 1905; Davis, M. V. B. 1897; Fisher, Elizabeth Wilson (46) 1897-1937; Justice, Hilda, 1904; Knight, Annie C. (2) 1896-7; Oldys, Henry (26) 1908-24; Pearson, T. Gilbert (6) 1913-31; Robins, (Mrs.) Edward (57) 1897-1906; Smith, Edwin Z. 1905; Space, P. S. (5) 1923-24; Stone, Witmer (13) 1913-36; Woods, Charles C. 1912.

STERKI, VICTOR, 1846-1933. Papers, 1891. 2 items.

Swiss physician and naturalist, Sterki became interested in Protozoa and minute shells, the Sphaeriidae. His large collection was obtained by the

Carnegie Museum at Sterki's death. One letter is dated March 7, 1891, addressed to H. A. Pilsbry, in which he discusses Pupidae and a writing entitled, "A New Angitrema ?", of three pages and one plate of Angitrema ohioensis, with 11 penciled figures.

Gift of the author.

Coll. 399

AMERICAN ASSOCIATION for the ADVANCEMENT OF SCIENCE, Local Committee for the 1899 meeting. Minutes, 1898. 1 item.

This group jointly acted with other organizations to invite the American Association for the Advancement of Science to meet in Philadelphia in 1899. This activity was in answer to a letter from L. O. Howard the Association's secretary hinting at the desirability of having the meeting introducing the second fifty year period at the place of its first meeting, namely the Academy of Natural Sciences at Philadelphia. After preliminary plans were made and the invitation extended it was decided to have the meeting in the Middle West.

These minutes were written in the same book with those of the Committee for the 1884 meeting of the American Association for the Advancement of Science.

Coll. 400

MACLURE, WILLIAM, 1763-1840. Biographical papers, 1806-1949. 33 items.

Geologist, educator, traveler, businessman and philanthropist, he was one of the most important personages in this Academy's history. While not a founder, he was elected president in 1817, which position he held until his death in 1840. During these 24 years he contributed greatly to its growth and development, giving generously to it financially, and collecting and purchasing many scientific specimens. His influence upon it was felt long after his death when he bequeathed his personal natural history library, of over 5,000 volumes. He made, almost singlehanded, the first geological survey of the United States - the results published in 1809.

This collection contains engraved portraits, biographical notes, ledger listing contributors to an Academy building fund, miscellaneous notes and letters.

\*Coll. 401

TOWNSEND, JOHN KIRK, 1809-1851. Papers, 1834-39. 18 items.

Ornithologist and explorer. The papers in this collection all refer to his experiences when accompanying Captain Wyeth across the Rocky Mountains. Captain Wyeth undertook the journey for the Columbia River Fishing and Trading Company to establish trading posts beyond the Rockies. Townsend's trip, in the company of Thomas Nuttall was extended to the Sandwich Islands. He returned to the Columbia River, collecting birds there, returning to the Islands, and eventually back to Philadelphia by way of the Columbia River and an overland trip East. The only collections he and Nuttall made were donated in part to the Academy's museum.

We have 12 letters written by Townsend to various members of his family

and 2 letters to Townsend, one from his sister Hannah and the other from his father. In collection 364 is another letter written to Charles Townsend in which the trip with Nuttall is described. The traveller kept a journal of his trip with Nuttall, many sections of which were written in letters to his family. Four such units are filed here as well as Townsend's original manuscript of pages 1-11, 14-15. In the collection is also a list prepared by Townsend and McEuen, October 25, 1839, "Birds loaned to J. J. Audubon." Another related item is a series of annotations in Audubon's Ornithological Biography, one note signed J. K. T.; others in the same hand. The comments are mostly criticisms of Audubon's ethics in omitting any acknowledgement to Nuttall and Townsend for specimens and descriptions sent to him.

The loose papers are a gift of Townsend's brother-in-law, Dr. Mahlen Kirk through the courtesy of Witmer Stone, no date being recorded.

\*Coll. 404

WORTH, MERIDA GRAY. Botanical collection catalog, 1942. 1 item.

This catalog was apparently a field book made on a collecting trip to Mexico, chiefly the Veracruz River and State, Feb. 24 to April 9, 1942. Worth made his collections in two types of surroundings, either in open country or in the Cerros (forested hills between 50 and 500 feet high). One hundred and forty entries are given with the type of plant, date, location and unnamed description.

Gift of the author.

Coll. 405

WASTE, ROBERT JACKSON. Papers, 1939-40. 2 items.

The two writings are contained in notebooks and are typed carbon copies. The first is entitled: "The Land Slugs of California", 111 pages, 9 plates with photographs of line drawings, or of living specimens, with accompanying letter dated Feb. 24, 1940. The second is: "Note on the Synonymy of Ariolimax columbianus (Gould) and Aphallarion buttoni Pilsbry and Vanatta"; [unpublished study], 1939, 34 pages including 4 plates of original line and wash drawings.

Gift of the author to H. A. Pilsbry in 1940 and archived in 1957.

\*Coll. 406

BARTRAM, WILLIAM, 1739-1823. Papers, 1802-22. 4 items.

American naturalist, son of the Philadelphian gardener John Bartram, 1699-1778. The collection includes a diary and annotations. The main contents of the diary are meteorological, especially aimed at recording growing conditions as observed in the Bartram Gardens. The period takes in the year when a black killing frost occurred in July.

A note "A present from my worthy friend, Thomas Hewston (!) M. D., etc., etc. 1808. William Bartram" is written on the flyleaf of the Academy's copy of Linne's Systema Naturae, 10th ed., revised. Holmiae, 1758, v. 1, copy 2. Other annotations occurring throughout the volume are not in Bartram's hand, but possibly were made by the former owner, Thomas Hewson.

The diary was presented by Thomas Meehan, May 11, 1885, having been given to Meehan by Ann Bartram Carr (Mrs. Robert Carr). Coll. 407

STIMPSON, WILLIAM, 1832-1872. "Reptiles" [A catalog] 1853-56. 1 item.

American conchologist, friend of Louis Agassiz, member of the National Museum staff, accompanying the personnel on the North Pacific Exploring Expedition, 1853-56, under the command of Capts. Ringgold and Rodgers. Later moved to Chicago where he planned a monumental work on mollusks, for which he borrowed material from a great many institutions. While engaged in that project, Mrs. Leary's cow set fire to the city and destroyed all Stimpson's specimens and work. He died soon after, perhaps from heart-break or exposure at the time of the fire. The catalog, which includes some frog and salamander data is a gathering of 28 pages of collecting information about specimens amassed during the above-mentioned Pacific expedition. The initials W. S. appear frequently in the manuscript and the chirography has been assigned to William Stimpson. The information includes habitat, both geographical and ecological, the collector and date for each species listed. In some cases, notes are added about appearance and habits. [Written on paper, watermarked JOYNSON 1852.]

Gift of the author.

\*Coll. 408

CARPENTER, PHILIP PEARSALL, 1819-1877. Chiton manuscript, Book 2, 1875?. 2 items.

This unpublished writing occupies 163 pages, the small-sized leaves on which it is written being pasted in a scrapbook. It is sparsely illustrated with pencil text figures. It presumably describes a collection given to the Smithsonian Institution. At the Smithsonian are various proofs of pages entitled, "Contributions toward a Monograph of the Chitonidae". We have 27 pages which were given to H. A. Pilsbry by W. H. Dall. Carpenter in early life was an English minister, educator, philanthropist and reformer with a special interest in natural history as a hobby. Later he became a specialist in the study of mollusks and wrote two monographic works which were published, shorter papers, and the unpublished monumental work on Chitons. He visited America and became associated with the California Academy of Sciences in 1857 and studied West Coast shells. He returned to England for a short time and in 1865 went to Montreal to live. His collections, not included in the British Museum, in the Smithsonian or left at the California Academy of Sciences were all given to McGill University in Montreal. The book has been in the Department of Mollusks for years and was liberally quoted by H. A. Pilsbry in his Manual of Conchology by simply adding the words, "Carpenter's ms."

Since the proof sheets were a gift of W. H. Dall we assume the manuscript volume of Chitons came from the same source.

Coll. 409

IBBOTSON, A. J. Lithographic proofs of fishes, 1860. 8 items.

These colored proofs of fishes were laid in Holbrook's Ichthyology of South Carolina, 1860. The plates for this edition were done by A. J. Ibbotson and A. Sonrel and colored by J. Burkhardt. These loose proofs were possibly intended for the second volume, which was never published. Many of the figures have manuscript names, the chirography identified by Henry W. Fowler as that of Theodore Gill. The latter studied the Academy's volumes and published a paper about Holbrook's fishes.

Gift of Holbrook.

\*Coll. 410

ANSP. PUBLICATIONS. Papers, 1817-1960. 92 items.

The present lot includes documents, record books, subscription lists, mailing lists, prospectuses, financial status and policies regarding publications. The items are filed chronologically, no attempt being made to index the authors.

Archived.

\*Coll. 412

ENGELMANN, GEORGE, 1809-1884. Papers, 1843 (?). 2 items.

A German physician and botanist, Engelmann came to America as agent for his relatives who had purchased land in the Mississippi Valley. Shortly after arriving he started a medical practice in St. Louis, 1835. Botany was his avocation, as seen in his monographic studies of various special groups, which he collected during his frequent trips throughout America. Preserved here are two writings of Engelmann: (a) "Catalog of species and synonyms of the genus Aster in Torrey and Gray's Flora, vol. 2." Since the Flora was published between the years 1835-43 and Engelmann wrote this part of the book, we have assigned the date of 1843 with a question; (b) "Specimens of woods from Texas, collected by F. Lindheimer in the neighborhood of New Braunfels," n. d., in Engelmann's hand.

Gift of the author and archived from the Department of Botany in 1958.

Coll. 413

COLLINSON, PETER, 1693-1768. Correspondence, 1742-67. 3 items.

Self-trained botanist and businessman, who used his trading opportunities to introduce exotic plants into England; friend and patron of John Bartram. Partly responsible for the rapid growth of the Royal Gardens at Kew, to which he contributed seeds and plants. His knowledge was so extensive that his advice was asked by other botanists. The letters were written to Collinson by (1) Lord Petre, † Dec. 9, 1742, saying that Philip Miller misunder-

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†Petre, (Lord) d. 1742. An early specialist in elms, cedars and larches, to whom Collinson sent seeds and trees.

\*\* Miller, Philip, 1694-1771. Curator of the Apothecaries' Garden, Chelsea; author of the "Gardener's Dictionary", 1731, which went through many editions. He helped to support John Bartram on his journeys and was responsible, in part, for naming the new species found on those journeys.

stood about the plants for his estate; (2) Philip Miller\*\* Dec. 5, 1767, giving information about *Tritellaria*, etc., with personal news. On the back of this letter is a trial note to the Duke of Richmond, signed by Collinson, dated Dec. 21, 1767; (3) Thomas Penn, undated, expressing his thanks for spruce cones, and ordering a box from John Bartram.

Found in the envelope with John Bartram's letters to Peter Collinson, Sept., 1959. Coll. 414

Signers:

Miller, Philip, 1767; Penn, Thomas, n. d.; Petre, Lord, 1742.

WOOD, CHARLES GEORGE. Pencil drawing of a wild boar's head, n. d.  
1 item.

This single item is a folded drawing of the head of a wild boar ? from the Island of Celebes, which is owned by Hugh Cuming of Valparaizo.

Provenance not known. Coll. 415

CIST, JACOB, 1782-1825. Papers 1800-80. Microfilm. 51 items.

Letters, memoranda, agreements, powers of attorney, account book, orders, etc., addressed to or about Jacob Cist.

Originals are from the Charles Fisher Wells private library in Wilkes-Barre, Pa., and were lent to the Academy for copying, by George G. Raddin, Dec. 26, 1959. Coll. 425

Signers of letters and documents:

Beck, Paul, Jr. 1816; Biddle, N. (3) 1823-24; Brockelman, Wm. L. (2) 1812-16; Chapman, Isaac A. (4) 1814-16; Cist, Charles, 1802; Cist, Jacob (7) 1808-18; Cooper, Thomas (Judge) 1810; Dottart, John, 1836; Eddy, John H. 1816; Gardner, Wm. P. 1810; Gibson, John B. 1815; Haga, Godfrey, 1816; Hawley, C. E. (2) 1880; Heckenwelder, Joon, 1804; Hollenback, Matthias (3) 1807-08;

Jones, George, 1813; Leibert, Eugene, 1879; McCoy, I. Ephraim, 1808; McKnight & Davidson, 1814; Miner, Charles (2) 1807-12; Muchler, George, 1819; Silliman, Benjamin (3) 1880; Stelwaggon & Knight, 1814; Thompson, Manna, 1814; Thornton, William (4) 1808-10; Vlems, Leonardus, 1805; Weiss, Jacob, 1800; Woodin, Daniel C. (2) 1822; Wright, Harrison, 1880.

SPENCER, JOSHUA, fl. 1692-1729. Commonplace book, 1692-1729. 14 items.

This commonplace book consists largely of transcribed material from such various scientific authors as Sir Isaac Newton, John Ray, Humphrey Prideaux, Robert Knox, W. Whitson and others. Many copied illustrations of animals are included as well as others which are originals, with meager data about where the specimens were seen.

Gift of Mrs. John Haug of Philadelphia, from the library of her husband's grandmother who was a great book collector. The label on the outside seem-

ingly placed there by a book dealer reads, "Spencer's (Joshua) commonplace book, in which he has noted subjects of natural history, philosophy, etc., autographed manuscript, with numerous curious drawings of quadrupeds, birds, insects, shells, hermaphrodites, etc., exceedingly curious, folio. 1695-1718." From internal proof the dates cover 1692-1729. \*Coll. 426

WILSON, ALEXANDER, 1766-1813. Copper plates of birds 1808-10. 11 items.

Engraved copper plates from which 10 of the illustrations of Wilson's American Ornithology were printed, namely pls. 1-5, 7-9 of vol. 1 and pls. 10-11 of v. 2. 26 x 33 cm. These were engraved by Alexander Lawson and are accompanied by a carbon of the letter of appreciation of the Academy to the donor.

Gift of Thomas Barbour, through courtesy of Witmer Stone, Jan. 4, 1928.

\*Coll. 427

ANSP. PUBLICITY. Papers, 1880-1957. 25 items.

The collection consists of scrapbooks and papers which have been preserved mostly by the Department of Public Relations. The contents include two volumes of newspaper clippings, 1880-1895 with seven other volumes containing some 1300 printed announcements of events and general information about the Academy and its activities, 1902-57. These were assembled by E. J. Nolan and V. T. Phillips. A card index is filed in the library of the seven volumes last mentioned and may be consulted by subject or by author.

Another volume of news clippings, 1922-26 was prepared by H. T. Green. The loose leaf publicity scrapbooks of McCready Huston likewise include news clippings, but are extended by the addition of releases and pertinent material. Finally, the papers of Mr. Kiss, 1956, include loose items pertaining to the Dinosaur Ball held under the auspices of the Women's Committee, to raise money to install the articulated skeleton of the Hadrasaurus, now exhibited in the Hall of Earth History.

Archived.

\*Coll. 417

RAFINESQUE, CONSTANTINE SAMUEL, 1783-1840. Papers, 1818-1946. 57 items.

Naturalist, born near Constantinople, of French and German parents, living as a young man in Sicily and migrating to America in 1802, where he spent much of the remainder of his life. A prolific writer not only in the field of botany and zoology but in every line of thought and culture. Many of his flights of imagination came to nothing, only succeeding in pinning on him the name of "crack-pot". He did propose a theory about speciation which predated Darwin's but which was much ridiculed in his day. He married in Sicily and had one daughter, Emilia, whose letters from Algiers are listed in this collection under the author's name of Emilia Rafinesque Winston. Once a professor at Transylvania College, member of the Academy of Natural Sciences but preeminently a collector, always looking for new species. Our

papers consist of notes, annotations and articles by Rafinesque and a large number of biographical letters and rough drafts made by F. W. Pennell.

Gift of Rafinesque, Guy K. Haldeman, and F. W. Pennell; archived in 1952.

List of signers: \*Coll. 418

Barnhart, John Hendley, 1940; Brown, L. A. (2) 1940; Lanthois, Georgette Louise (2) 1830-32; Ledridge, Jessie, 1940; McDaniel, M. B. 1940; McFarland, Frank T. 1940; Norton, (Mrs.) Charles F. (2) 1940; Robbins, Wm. J. 1940; Sandstedt, John W. 1940; Schuman, Henry, 1946; State Historical Society of Wisconsin, 1923; Steere, Jonathan M. 1940; Walsh, James J. 1940; Winston, Emilia Rafinesque (5) 1831-34.

MUHLENBERG, HENRY, 1753-1815. Papers, 1792-1813. 34 items.

This German-American botanist spent most of his active life in Lancaster, Pennsylvania where he was the pastor of the Lutheran church. Botany was his avocation and during his life he prepared large herbaria and wrote many manuscript texts which were never published. This collection consists of writings, correspondence, typescript of letters to Stephen Elliott and various biographical papers and material about his collection deposited in the Academy by the American Philosophical Society.

Gifts. \*Coll. 419

Signers:

Anstaett, Herbert B. 1942; Britton, Elizabeth G. 1900; Denke, Christian (18) 1798-99; Pennell, F. W. (2) 1942.

LAWSON, ALEXANDER, 1772-1846. Biographical papers, n. d. 4 items.

Alexander Lawson, a Scotch engraver, came to America in 1792. He soon became recognized as perhaps the foremost early American craftsman in his art. His work covered a wide field of subject matter, but was outstanding in fine plates of birds, shells, and other natural history subjects. (Coll. 79.) He engraved many fine plates for early Academy publications.

This collection contains a biography of Lawson assigned tentatively to his daughter, Malvina, which was published in *The Auk* v. 43, p. 57-61. Pasted in this biography is an original water color miniature portrait of Lawson by the famous artist, Thomas Birch. Also short typescript biographical sketch, and a photostat of engraving by Shakespeare, by Lawson.

Gift of Lawson's daughters. Coll. 420

RHOADS, SAMUEL NICHOLSON, 1862-1952. Papers, 1890-1934. 215 items.

Naturalist, ornithologist, mammalogist, book dealer and businessman, Samuel Rhoads wrote particularly on the local fauna of birds and mammals. The journals of his various expeditions contain mostly natural history data. Those written from Ecuador and Guatemala include also information about the countries. He was a founder of the Delaware Valley Ornithological Club, its Secretary and later its President.

Gift of Witmer Stone or archived from the Department of Vertebrate  
 Zoology. \*Coll. 421  
 Signer:  
 Rhoads, Mary Cawley.

INTERNATIONAL SYMPOSIUM ON EARLY MAN, 1937. Documents and  
 papers, 1937. 13 items.

This symposium was held at the Academy of Natural Sciences, to which  
 3500 people were invited. Of this group 441 are known to have been in attend-  
 ance because they signed the register of visitors and delegates. Many of the  
 records were kept by Virginia Tomlin and supervised by Edgar Howell and  
 preserved in the Department of Geology. The collection includes a large  
 scrapbook of news clippings, invitations, programs, a typescript of the ad-  
 vance program for March 17-20, 1937 and abstracts and texts of papers to be  
 presented. Transcripts of the papers given at the various round tables are  
 preserved in duplicate and concern three different chronologies. The card  
 file of invitations is included and has some thousands of entries, the cards  
 indicate the addresses and the acceptance or regret of the person, university,  
 society or editor invited.

Archived.

\*Coll. 422

ACADEMY OF NATURAL SCIENCES. MEMBERSHIPS. Signatures of those  
 accepting membership, 1831-1924. 1 item.

Introductory statement: "In becoming a member of the Academy of Natru-  
 al Sciences of Philadelphia, I promise to conform myself to its constitution,  
 laws and regulations, and in testimony of this declaration, I do hereunto  
 subscribe my name." The first page is signed by Wm. Maclure, Zaccheus  
 Collins, George Ord, Reuben Haines, Edward Barton, John Barnes, Thomas  
 Say, LeSueur, Isaiah Lukens, T. Peale, Jacob Peirce, J. Gilliams, and  
 Benjamin Say. The first 51 pages have no dates or code designations but be-  
 ginning on page 52, a "C" beside the name indicates that certificates had  
 been supplied, while on page 59 a notation states that the date of sending the  
 certificate was entered, this beginning with March 17, 1896. In 1917, mem-  
 bers were supplied with a printed form, on which they were asked to sign  
 their names as they should appear on the certificates.

After 1924, when the organization of the Academy was materially changed,  
 members were not specifically nominated and voted in each month, and fur-  
 ther, a limited interest in the natural sciences was evident in the changed  
 character of the membership. All later records are maintained in the Ad-  
 ministrative office. Coll. 423

ANSP. LIBRARY COMMITTEE. Papers, 1844-1958. 31 items.

Very early the library committee functioned as a unit for some years, be-  
 came the library and publication committee, then again has been called sim-  
 ply the library committee. In this collection we have old documents, dated  
 administrative matters, and a list of restricted books as of 1824. Of the

more recent committee which was erected in the early 1930's we have a progress report signed by J. Percy Moore for 1935, bound volumes of minutes 1936-62, folders of unbound correspondence and records.

Archived.

Coll. 424

SPACKMAN Family of Philadelphia. Ornithological workbook, 1842 (?).  
279 items.

This volume represents a series of numbered sheets, continuing to no. 385, but with a great many gaps. Each sheet was repaired and the full gathering bound by a former librarian. Each carries a watercolor of a bird, the drawings seemingly copied from Alexander Wilson's American Ornithology. The volume was originally labeled: "Wilson's original drawings" but this note lightly crossed out and in the hand of E. J. Nolan another note "Not Wilson's drawings" inserted. Again below the original notation is a statement in the hand of Witmer Stone: "Not so - only copies from his work."

At top of each sheet a penciled rough statement refers the bird to Wilson's work, giving volume and page, with the number of the bird in Peale's Museum added. This information likewise copied from Wilson's book, where it is found at the head of each description. This chirography has not been identified, but is supposedly that of a member of the Spackman family who prepared or at least owned the leaves.

Also for most species, a printed label carries a number, followed by the word Order and number, then the common name in English, the Latin name and the French name. These labels may be those supplied by some dealer when specimens were purchased or they may be cut from some early book. On all sheets, in a hand identified by R. M. de Schauensee as that of Jules Verreaux of Paris is information in box form, which includes the scientific name, bibliographic reference to Latham's work on birds, with page number, species, genus, and order numbers. De Schauensee says this is characteristic of Jules Verreaux as exemplified by labels in the bird collection.

Finally on many, but not all leaves is information added in yet another hand, giving the common French name and a reference to the volume and page in Vieillot where the bird is described. In the same hand is often an extended description in French. This writing is unidentified.

The book is assigned to the Spackman Family because on the back of leaf 97 is a bill to Mr. Spackman (with the names of Catherine Spackman and Joseph Spackman in the margin) for various items pertaining to an ornithologist's needs, a case with drawers, gun box, and five differently priced Stands, totaling \$67.00. It is receipted by Benjamin Taylor. Unfortunately the only date is Oct. 30th.

The handwriting of several early workers in ornithology was examined for possible identification, but it is not Vieillot, the French scientist, nor any of the following Americans, Alex. Wilson, T. B. Wilson, John Casslin, Wm. Gambel.

The loose leaves were presented by Thomas B. Wilson, who died in 1866.

Coll. 428

MCDERMOTT, FRANK ALEXANDER, 1885- Frank Morton Jones, a biography 1957. Typescript. 1 item.

McDermott, retired entomologist, investigator of fireflies, resident of Wilmington and member of the Society of Natural History of Delaware was asked as a great personal friend of Jones, to prepare this paper for publication in Entomological News in celebration of Dr. Jones' ninetieth birthday. He would not agree to its publication so the article is being held—perhaps to be published later.

Transcribed by Venia T. Phillips, Oct. 29, 1959.

Coll. 429

HALDEMAN, SAMUEL STEHMAN, 1812-1880. Papers 1837-88. 49 items.

These papers consist of dissertations, annotations and committee reports by Haldeman; also acknowledgments of gifts made to the museum of the Academy, and honorary certificates, news clippings and other contemporary biographical materials.

Donated in 1958 and 1960 by his grandson Guy K. Haldeman. \*Coll. 430

Signers of letters and documents:

Cope, E. D.; Horn, G. W.; Johnson, Walter R. 1845; Leidy, Joseph, 1854; Pearsall, Robert, 1845; Stewardson, Mr.; Wilkson, D. B.; Wilson, T. B. 1854.

NOLAN, EDWARD JAMES, 1846-1921. Commemorative volumes of the Centenary celebration of the Academy, 1912. 129 items.

This collection represents a specially prepared copy of Volume 15 of the Journal of the Academy, second series, 1912. The original letterpress copy is used as a base with interleaving and manuscript material inserted by the Recording Secretary, E. J. Nolan and presented to the Academy. The inserts consist of portraits, photographs, letters, reports, reminiscences, news clippings and many miscellaneous items. A total of 43 photographs, 53 letters, and 31 other items complete the volume. \*Coll. 431

Signers of letters, all dated 1912:

Baily, William L.; Bascom, Florence; Blankenburg, Rudolph; Boulenger, George A.; Bryant, Henry G.; Clarke, John M.; Conklin, Edwin G.; Dall, William H.; Dixon, Samuel G.; Donaldson, Henry H.; Ekengren, W. A. F.; Gill, Theodore; Harshberger, John W.; Holland, William J.; Houston, Edwin J.; Howe, Marshall A.; Ihering, Herman von; Ives, James Edmund; Jacobs, M. H.; Koenig, George A.; Leidy, Joseph, 1871; Loeb, Jacques; Lyman, Benjamin Smith;

McCormick, Samuel Black; McDevitt, P. A.; Macfarlane, John M.; Maury, Carlotta J.; Maury, Mytton; Meigs, Edward B.; Miller, M. G.; Montgomery, Thomas H., Jr.; Moore, Clarence B.; Morgan, Thomas Hunt; Morton, Samuel G. (1835); Nolan, Edward J.; Osborn, Henry Fairfield; Parker, George H.; Pilsbry, Henry A.; Pulligny, Jean de; Rehn, James A. G.; Skinner, Henry; Stone, Witmer; Thiselton-Dyer, William Turner; Thompson, Robert Ellis; Trotter, Spencer; True, Frederick W.; Vaughan, T. Wayland; Verrill, Addison E.; Wijhe, J. W. van.

JELLETT, EDWIN COSTLEY, 1860- A flora of Germantown (News clippings), 1903. 1 volume of 285 p. and 1 letter, 1916.

Engineer and amateur botanist, gardener and local historian, Jellett is known for his various books about Germantown, its environment, gardens, old homes and residents of the area. He was very active in the Germantown Horticultural Society and in the Site and Relic Society of Germantown. This Flora, with letterpress titlepage and running title contains news clippings of 35 articles written as a series, appearing every Friday from March 27 to December 11, 1903, in the Germantown Independent Gazette. Its 30 illustrations include portraits of 17 former residents.

Each article has an informal presentation of the author's wanderings about the fields, and reminiscences of his contacts in Germantown. Plants, both native and horticultural varieties are discussed as they appear in bloom during the season; each has a recapitulation of the species mentioned, both under the common names and scientific nomenclature. Nearly 500 persons, gardens, or industrial concerns are introduced in the ramblings and to these an index has been prepared.

Gift of the author, 1916, who states in a frontispiece letter that the "made-up" work is one of the four copies known to have been saved of his articles. No mention of the present whereabouts of the other 3 copies. \*Coll. 432

SAY, LUCY WAY, 1800-1886. Papers, 1822-85. 79 items.

The first woman to be elected a member of the Academy of Natural Sciences of Philadelphia, Lucy was an accomplished nature artist and scientific collaborator with her famous husband Thomas Say. She made the drawings for his work on American Conchology, at New Harmony. These family papers include drawings, letters, news clippings family records and personalia.

Presented by Elvira L. Sistare, a great-niece of Mrs. Say, in 1933.

Signers:

\*Coll. 433

Académie Impériale des sciences de Russie, 1845; Blake, Charles A. (5) 1871-77; Cresson, Ezra T., Sr. (3) 1863; Knight, S. Frank, 1863; Mitchell, J. E. 1870; Morton, James; Owen, D. D. 1855; Peale, T. R.; Roberts, S. R. (2) 1868-70; Say, Lucy Way (5) 1852-85; Say, Thomas.

RUSCHENBERGER, WILLIAM SAMUEL WAITHMAN, 1807-1895. Memorial volumes, 1831-90. 51 items.

Ruschenberger, a native of New Jersey and a graduate in medicine of the University of Pennsylvania, was commissioned as a surgeon in the Navy in 1831, holding that position until his retirement in 1869. He wrote several books about his travels over the world during those years; thereafter settled in Philadelphia and became actively associated with several institutions. He was at different times president of the Academy, president of the College of Physicians, and vice-president of the American Philosophical Society. As president of the Board of trustees of the Building Fund he successfully raised money to build the present quarters of the Academy.

This collection contains biographical material, photographs, publications, and writings, obituaries, letters, records of the Trustees of the Academy Building Fund, and miscellaneous data on the proposal of the University of Pennsylvania that the Academy move to West Philadelphia. These volumes were assembled by Edward J. Nolan.

Archived from the Academy's library.

\*Coll. 435

Signers of documents:

Chase, Pliny O. 1886; Farley, R. Effie, 1895; Frazer, Persifor, 1895; Gibson, Albert C. 1898; Greene, Francis T. 1895; Pepper, William, 1890; Ruschenberger, A. 1873; Ruschenberger, C. W. (2) 1895; Ruschenberger, W. S. W. 1894; Wistar, Isaac J. 1895; Wister, Annie Lee, 1895; Wister, Owen F. 1895; Wister, W. Wynne, Jr. 1896.

HOCKER, EDWARD W., 1873- Address, 1933. 1 item.

"Science Societies were once popular", typescript copy of speech given before the Historical Society of Montgomery County, Pa. 2 pages. Discusses various Societies of the Norristown area, the Montgomery County Cabinet of Natural Sciences organized in 1830, the Nugent Collegiate Institute of Gulph Mills, the Upper Merion Lyceum, the Literary and Scientific Institute of Montgomery County, the Lumberville Literary and Science Association, 1841, the Agassiz Association of the 1880's.

Gift of the Society, 1933.

Coll. 436

SCHWEINITZ, LEWIS DAVID von, 1780-1834. Drawings, 1805-16. 458 items.

The first series of volumes, "Fungorum Nieskiensium Icones" is incomplete in this library. Years ago Eugene A. Rau stated that he had seen seven volumes, but for years his statement was doubted. In 1903, July 24, George E. de Schweinitz presented vols. 2, 3 and 5 to the Academy. In 1913, Mrs. W. A. Lemly (Emily de Schweinitz Lemly) donated vol. 1 to this library, a copy which had been in her possession at Winston-Salem.

For some time it was thought that v. 4 was at the herbarium of the University of Michigan. The volume there had once been the property of John E. LeConte then sold to B. M. Eberhart of West Chester, Pennsylvania, later purchased by a Dr. Kelly and eventually given to Michigan. However, a recent letter from the Director, E. B. Mains, of the University herbarium describes this volume and it is definitely not a part of the same series as that owned by the Academy. Correspondence of John L. LeConte who inherited John E. LeConte's library indicated that this volume was probably the one which John E. LeConte had paid Schweinitz to duplicate for him. More recently information came to us that now in the possession of the University of North Carolina at Chapel Hill, are vols. 4, 6, and 7. A letter from the librarian states that they have v. 4 (pls. 274-349) only and know nothing of any others. Our volumes contain pls. 1-273, 350-453 (except no. 33, 40, 44, 45, 46, 47, 50, 51 which were omitted in enumeration and not included in the volume's index).

A portfolio contains 81 loose plates unsigned and undated with one exception. This exception bears Schweinitz initials in pencil with the date of 1805.

Another small drawing, has the remnants of Schweinitz name in pencil which has been roughly erased. Only a small number of the loose plates portray fungi, but C. Earle Smith, Jr., has identified those as referring to fungi of Salem, N. C. The remainder deal with higher plants. Coll. 437

SCHWEINITZ, LEWIS DAVID von, 1780-1834. Correspondence, 1805-33. 349 items.

A group of letters written to the famous mycologist, by American and European botanists. The collection was renovated and indexed by Willman Spawn, in 1939 and 1940. Spawn's index is typed by volumes and the contents of each inserted therein. In 1950 Joseph Ewan annotated Spawn's index, and later Barnhart's notations were added (in red). See Bartonia 16: 19-36. A calendar of the letters, prepared by F. W. Pennell, concludes the collection.

Gift, in part (131 letters) from Miss A. L. Fries of Winston-Salem, N. C. and donated to the Academy through the courtesy of Stewardson Brown, 1913. Another lot of 104 letters presented by Schweinitz' "grandson Dr. George de Schweinitz July 23, 1903"; a third lot of 111 letters from the estate of George E. de Schweinitz, Oct. 19, 1938. A microfilm copy is on file at the American Philosophical Society. \*Coll. 438

Signers:

Beck, John B. 1829; Beck, Lewis Caleb (10) 1829-33; Beitel, Christian, 1833; Bentham, George (3) 1828-31; Bischoff, Gerh. G. n. d.; Brace, John P. 1822; Braunsburg, M. V. von, 1833; Brongniart, Adolphe Theodore, 1829; Buniningk, Mr. von, 1809; Bute, George H. (4) 1829-30;

Carey, William, 1829; Collins, Zaccheus (6) 1822-27; Conrad, Solomon W. (3) 1823; Cooper, William (2) 1820-26; Coxe, John Redman, 1829; Dalman, Hendrick Gustaf, 1826; Dannery, L. 1833; Darlington, William (27) 1823-32; Denke, Christian Frederick (3) 1825-33; Dewey, Chester (11) 1822-33; Duby, Jean Étienne, 1827;

East India House, 1830; Elliott, Stephen (12) 1820-27; Feild, Richard, 1821; Frank, F., 1832; Freedley, Samuel (9) 1826-28; Fries, Elias Magnus (2) 1824-26; Gales, Jo. 1821; Gingins de Lassaraz, Frederic Charles Jean, baron, 1821; Gray, Asa (2) 1833; Greville, Robert Kaye (6) 1824-30; Griffith, Robert Eglesfeld, 1829;

Halsey, Abraham (27) 1820-32; Haselin, Ernest L. 1823; Hering, Constantine, 1830; Hoffmannsegg, Johann Centurius (2) 1827-31; Hooker, William Jackson (6) 1823-37; Horsfield, Thomas, 1823; Hunneman, Thomas (4) 1832-37; Jones, William Watts (2) 1820; Keating, William Hypolitus (12) 1823-25; Kin, Mathias, n. d.; Kramsch, Samuel Gottlieb, n. d.; Kunze, D. Gustav (3) 1825;

Lea, Isaac (2) 1831; LeConte, John Eatton (23) 1817-30; Ledebour, Carl Friedrich Philippe von (4) 1831-33; Lederer, Alois Joseph Xaver von (8) 1828-31; Leitner, E. F. 1832; Le Soinne, N. Max. (3) 1833; Mali, Henry William T. 1833; Martius, Carl Frederick P. von, 1828; Mathews, Caleb B.

## Coll. 438 (cont.)

1827; Mitchell, Elisha (5) 1819-21; Morton, Samuel George (2) 1830; Moser, Carl Friedrich (2) 1833; Mossig, Carl, 1825; Murphy, A. D. 1819;

Niemann, August Christian Heinrich, 1819; Nuttall, Thomas, 1823; Pascalis-Ouviere, Felix, 1835; Persoon, Christian Hendrik (2) 1824-25; Pickering, Charles (7) 1830-33; Pragoff, William, 1831; Prince, William Robert (19) 1821-33; Rafinesque, Constantine Samuel (3) 1833; Reich, G. E. 1827; Say, Thomas, 1822; Saynisch, Lewis, 1833; Schwagrichen, Christian Friedrich (9) 1821-31; Silliman, Benjamin (2) 1822; Sommer, M. C. (2) 1827-29; Steinhauer, Daniel (4) 1820-33; Steudel, Ernest Gottlieb von (3) 1829-32;

Thorburn, Grant, n. d.; Torrey, John (36) 1819-33; Treviranus, Ludolf Christian, 1827; Vaughan, John (5) 1826-32; Volz, Friedrich, 1830; Wallich, Nathaniel, 1830; Welden, Franz Ludwig von (2) 1829-30; Williams, Lewis, 1820; Wister, Charles (3) 1827-29; Zeyher, Johann Michael (7) 1821-32.

GUNDLACH, JOHANN, 1810-1896. Papers, 1865-1914. 17 items.

German zoologist and collaborator of F. Poey in the natural history of Cuba and Puerto Rico. Established his personal cabinet of types in 1846; cooperated fully with other scientists by giving them his notes and descriptions of new species. After 1888 he moved his specimens to the Havana Museum, where he became the curator of their general collection. Shortly before his death, the Museum bought his specimens. His papers consist of lists and catalogues of Cuban Coleoptera and Hymenoptera contained in our collection number 366 and this series of papers consisting of 17 pieces and lists addressed to E. T. Cresson, Sr. Various notes about the collection as donated to the Academy are included.

Archived from the Department of Entomology in 1948.

\*Coll. 439

Signers:

Cresson, E. T., Sr. (2) 1914; Canizares, Felipe Garcia, 1914.

CAREX. Annotations and notes, n. d.

In the German edition of Christian Schkuhr's Beschreibung und Abbildung der . . . Riedgrasern, 1801 vol. 2, is a twelve-page table with English title: "Alphabetical Table of the Carices Figured in this volume." Beginning with fig. 125, on p. 55 all succeeding plates have the specific names written in the same hand as the above mentioned table.

In the French edition, Histoire des Carex on Larches, 1802 is a six-page table of the species, in a second hand.

In the later German edition of 1812 is a letterpress index, but all plates are manually labeled with specific names, followed by a capital "W" with a page number. We thus have notations by three different people, none of which has been indentified.

Annotated volumes were purchased for the library.

Coll. 442

ANSP. SPECIAL COMMITTEE REPORTS. Documents and papers, 1875-1911. 82 items.

A supplementary indexed volume to the minutes for the years covered, with various documents and letters inserted, was compiled for the most part, by the secretary, Edward J. Nolan. Many subjects which were handled by committees for the general membership of the Academy are condensed in the minutes and records kept of the dates and personnel of the committees. A large folder of 42 items, of the committee on lower rates of postage on natural history material sent by mail, under the Charimanship of P. P. Calvert, dates from 1893-97. Nominations to committees, 1868-72 and documents of 17 temporary committees, 1876-1897 complete the series of persons signing letters or documents.

Archived from the Academy's files. Signers of letters: \*Coll. 443

Brooks, V. M. (9) 1893; Brown, George C. (2) 1876; Calvert, P. P. (7) 1893-97; Cope, Edward D. (2) 1868-76; Dixon, S. G. 1893; Flint, Albert S. 1897; Foster, M. 1893; Gaskill, J. C. (2) 1875; Jackson, Blaydon? 1894; Kain, Sam. W. 1894; LeConte, John E. 1875; LeSueur, W. D. 1893; Longford, Joseph H. 1894; MacDougall, Alan (2) 1893; MacGregor, J. G. 1894; McLachlan, R. 1893; Mervis, Miguel, 1894; Millennial Mining & Geological Congress at Budapest, 1895; Moss, R. I. 1893; Moxey, Edward P.; Murdock, Jas. Barclay, 1894; Nolan, E. J. 1893; Ruschenberger, W. S. W. (2) 1883; Selwyn, Alfred R. C. 1893; Stiles, Ch. Wardell (2) 1897; Vaux, William S. 1883; Voorhies, J. C. 1875; Wilson, C. R. 1894; West Greenland Expedition, 1892; Wistar, Isaac J. 1892.

HARSHBERGER, JOHN WILLIAM, 1869-1928. Correspondence, 1890-1913. 428 items.

Philadelphia botanist, biographer, historian and professor, Harshberger's correspondence is chiefly with 86 other botanists. His book Botanists of Philadelphia and Their Works, portrays a history of American botany along with the biographies.

Gift of Zoo-Botany Department, University of Pennsylvania through Dr. John Fogg and Mrs. Ida Langman, Dec. 21, 1959. Coll. 444

Signers of letters:

Bailey, Liberty Hyde (11) 1893-1907; Barnes, Charles Reid (4) 1901-09; Bessey, Charles E. (15) 1898-1910; Britton, Nathaniel Lord (7) 1897-1907; Brockway, William, 1896; Burroughs, John, 1900; Cattell, Jacques McKean (4) 1894-97; Child, Clarence G. (13) 1909-12; Collins, J. Franklin, 1913; Correns, D. 1901; Coulter, John M. (15) 1893-1909; Covarrubias, M. (3) 1896; Craig, John, 1908; Cushing, Frank Hamilton, 1893; Dall, William H. 1894; DeVries, Hugo (16) 1902-12; Dolley, Charles S. 1895; Drayton, Ada Appgar, 1909; Drude, Oscar (11) 1902-05; Dudley, William R. (2) 1894-1904;

Easton, M. W. (3) 1901-07; Emery, H. G. (10) 1899-1906; Fairchild, D. G. (3) 1898-1908; Farlow, William Gilson (7) 1898-1908; Fawcett, William, 1907; Gahantz, Charles, 1910; Greene, Edward L. (3) 1902-10; Greenway, James M. (9) 1897-1903; Guppy, H. B. (6) 1912-13; Harrison, Charles G. (5) 1895-1909; Harvey, LeRoy, 1910; Hays, J. Minis, 1909; Herbst,

William, 1899; Hess, Enger (2) 1910-13; Holzinger, John M. 1902; Howe, Marshall A. (13) 1903-09;

Jennings, Otto E. (3) 1909-10; Jenson, A. 1910; Kamota, F. Lou, 1896; Kern, W. W. 1912; Knowlton, F. H. (5) 1897-1903; Kraemer, Henry (2) 1903-04; Lemmon, J. G. (9) 1898-1907; Leon, Nicolas (28) 1895-1913; Lippincott, J. Bertram (4) 1901-07; Lippincott, J. B. (4) 1899; Lloyd, Francis E. 1901; Lyman, Benjamin Smith, 1908;

Macfarlane, John M. (16) 1893-1913; Nelson, Sven (11) 1894-1907; Olney, Richard, 1896; Phillips, Orville P. n. d.; Pound, Roscoe (2) 1901-07; Pringle, C. G. (6) 1896-97; Quesholl (?), M. 1908; Rand, Edward L. (2) 1902; Reed, Howard S. 1907; Rnemker (?), K. von, 1912; Robinson, Benjamin Lincoln (2) 1901-08; Rosengarten, F. G. (6) 1901-11; Rpthrock, Joseph Trimble (28) 1890-1910; Rowles, W. W. (2) 1893-94; Ruland, A. L. (6) 1901;

Sargent, Charles Sprague (14) 1899-1910; Schinz, H. 1905; Schröter, C. 1906; Scott, Charles P. (4) 1899-1904; Setchell, W. A. (5) 1898-1908; Shantz, H. L. 1911; Smith, Charles Eastwick, 1899; Smith, Edgar F. (13) 1904-10; Stevens, Alva T. 1908; Sturtevant, E. Lewis (4) 1896-99; Treub, Melchior, 1894; Trimble, Henry, 1893; Ulrich, Elmer B. (2) 1910; Van Dyke, Edwin C. 1902; Wakabayashi, K. 1894; Wallace, Alfred, R. 1894; Warming, Eugene, 1909; Webber, H. J. 1898; Weygandt, Cornelius (11) 1902-08; Wieland, G. R. (3) 1902-10; Wittrock, Veit, 1904; Woodbridge, Louise D. (2) 1907-10.

SCHAUENSEE, RODOLPHE MEYER de, 1901- History of Bird Collections, 1957. Typescript. 1 item.

A 29-page record of the collections in the Academy of Natural Sciences arranged chronologically from 1815 to 1953, with a 16-page index prepared by Venia T. Phillips.

Presented by the authors, 1957.

Coll. 446

BISHOP, THOMAS. Papers, 1813-15. 4 items.

An early resident member of the Academy (listed with members present on July 20, 1813), Mr. Bishop's name does not appear very often in the Minutes. On September 7, 1813 he presided at the meeting; on April 11, 1814 he read a lecture on vitrification illustrated by specimens and experiments; on March 21, 1815 it is noted that Mr. T. Bishop presented an engraved portrait of our deceased fellow member Alexander Wilson, a volume of plates of chemical apparatus, and the form of a French hospital register. At the next meeting, March 28, 1815, T. Bishop performed the duty of his appointment by describing an improved Wolf's apparatus, the text of which with one original illustration has been preserved in our collection. The paper itself was preceded by a short description of a permanent ink for use in labeling specimens. We also have the presentation note by Thomas Bishop written in the inside of the cover of the volume of chemical plates. Apparently the

paper on Wolf's apparatus was never published by the Academy.  
Gift of the author, 1815.

Coll. 447

HAWKINS, BENJAMIN WATERHOUSE, 1807-1889. Lithographs, 1829. 6 items.

Hawkins was an English anatomist, osteologist and paleontologist, but apparently confined his interests to skeletal aspects, stressing comparative osteology as an approach to artistic representations. One paper appeared in the Academy's Proceedings for 1874, "On the Pelvis of Hadrosaurus", and another in New York in 1870 on Ichthyosaurus. He was elected to the Academy as a corresponding member in 1868. These colored lithographs, are all labeled "Unpublished. Anonymous." However printed on each plate is the name of the species, information about its habitat and a statement that it was published in 1829 by Parbury Allen and Co., London. The subjects are mammals and birds, apparently from India. Two names as collectors appear, i.e. Dr. Wallich and Major Farquhar.

Gift of the artist.

\*Coll. 448

WHITBY, W. Starfish illustrations, n. d. 3 items.

Fossil starfish depicted on three plates, one an original watercolor, the other two being artist's proofs of lithographs of Asteria species. Only one is referred to Whitby as: "Asterias, from oolith sandstone," W. Whitby. The watercolor has penciled legend: "Starfish in sandstone of the Coralline oolite, near Pickering . . . Purchased for the collection of Thos. Wilson, Esq. of Newark, Del." Wilson died in 1865.

Gift of T. B. Wilson.

Coll. 449

STONE, WITMER, 1856-1939. Correspondence, pertaining to the History of Ornithology, 1884-1936. 10,000 pieces.

Stone had spent many years collecting data for a history of ornithology and written to an enormous number of people for facts and general information about the subject. It has been reported that he actually had the text written and was in the process of searching for a publisher when he was taken ill and died. It has been a great disappointment to many that his manuscript never came to light when his papers were purchased by Charles M. B. Cadwalader and presented to the Academy's library after Stone's death. The mass of material was sorted, filed and indexed by Virginia Campbell, then a member of the Museum Department of the Academy. The index cards numbered 2,319.

\*Coll. 450

Signers of letters and documents:

Aaron, S. F. (6) 1921-36; Abbott, Charles C. (6) 1898-1909; Abbott, Clinton G. (27) 1907-35; Abbott, Gerard Alan, 1921; Abbott, Gertrude (10) 1912-37; Abbott, William Louis (15) 1925-35; Acheson, Edw. Campion, 1925; Adams, Charles C. (10) 1906-36; Adams, William C. (2) 1923; Agassiz, Alex. 1879; Ahrens, Theodor G. (2) 1931; Aiken, Charles E. H. (4) 1928-29; Aldrich, Charles (4) 1897-1902; Alexander, Gordon, 1936; Alexander, W. B. (3) 1926-35; Allard, H. G. (3) 1931-36; Allee, W. C. (2)

1933; Allen, Arthur A. (16) 1913-36; Allen, Charles A. 1898; Allen, Elsa Guerdrum (10) 1934-36; Allen, Francis H. (51) 1903-28; Allen, Glover M. (72) 1900-37; Allen, Harrison (2) 1892-93; Allen, J. A. (286) 1891-1919; Allen, Lydia G. 1918; Allen, Mary Pierson, 1922; Allen, Robert P. (10) 1931-37; Allen, William Ray (2) 1920-21; Allert, Oscar P. 1924; Allinson, Caroline, 1915; Allinson, Rachel E. (5) 1901-07; Allison, Andrew, 1907;

Ames, Oaks, 1921; Amory, Copley (2) 1931; Anderson, A. H. 1933; Anderson, Malcolm P. (2) 1903; Anderson, R. M. (12) 1904-36; Andrews, A. LeRoy, 1921; Andrews, Charles W. 1907; Andrews, E. A. (8) 1924-25; Andrews, Roy Chapman (4) 1911-34; Angell, Lillie (5) 1902; Anthony, A. W. (28) 1894-1933; Anthony, H. E. (29) 1914-36; Apgar, Austin C. 1894; Arbib, Robert, Jr. (2) 1935; Armstrong, Edward E. (6) 1910-20; Armstrong, (Mrs.) Frank B. 1915; Ashby, Edwin (5) 1918-29; Arnold, Edward (4) 1907-16; Arnold, W. W. (3) 1916-18; Arthur, J. C. (6) 1916-17; Arthur, Stanley Clisby (15) 1915-31; Ashbrook, Frank G. 1927; Ashbrook, William S. (4) 1909-13; Ashe, W. W. 1895; Ashhurst, John A. (4) 1912-28; Atkinson, Carroll B. (7) 1932-33; Attwater, H. P. (17) 1906-26; Audubon, Maria R. (12) 1898-1921; Austin, J. Harold, 1904; Austin, O. L. Jr. (7) 1928-31; Averill, C. K. (5) 1919-33.

Babcock, Dean, (2) 1919; Babson, W. Arthur (5) 1909-10; Baer, John L. (2) 1918; Baerg, W. J. (6) 1928-37; Bagg, Aaron C. (12) 1922-36; Bagg, Egbert (4) 1890-1922; Bailey, Alfred M. (17) 1919-31; Bailey, B. H. (3) 1916-17; Bailey, E. Wesley M. 1913; Bailey, Florence Merriam (40) 1900-33; Bailey, Guy A. 1915; Bailey, Harold H. (57) 1913-31; Bailey, S. Waldo (6) 1912-15; Bailey, Vernon (16) 1898-1936; Baillie, James L. Jr. (2) 1931; Baily, H. H. 1921; Baily, Joshua L., Jr. n. d.; Baily, Wm. L. (2) 1898; Baird, L. D. (7) 1917-35; Baird, Lucy Hunter, (30) 1898-1911; Baird, Spencer F. 1887; Baker, E. C. Stuart, 1920; Baker, Frank C. (8) 1890-1920; Baker, John H. (43) 1930-37; Baldwin, Roger, 1935; Baldwin, S. Prentiss (103) 1920-30; Ball, Stanley C. (2) 1929-33; Ball, Wm. Howard (3) 1929-36;

Bancroft, Griffing, 1929; Bancroft, Wilder D. (5) 1922-23; Bangs, Outram (81) 1894-1930; Banks, Nathan, 1891; Bannerman, David A. (4) 1921-29; Barber, Edwin Atlee (3) 1905-09; Barber, Floyd N. (3) 1913-14; Barbour, Robert (5) 1912-14; Barbour, Thomas (72) 1909-31; Bard, Fred Geo. 1935; Barker, Chas. R. 1923; Barker, Samuel H. (2) 1915-26; Barlow, Chester (10) 1899-1902; Barnes, Claude T. 1919; Barnes, R. M. (15) 1909-21; Barnes, Ventura, Jr. (4) 1936-37; Barnhart, John Hendley (6) 1906-12; Barrett, Harold S. (3) 1913-14; Barringer, Daniel Moreau (4) 1912-16; Barrow, W. Bruce, 1921; Barrows, Walter B. (13) 1907-21; Barry, J. Neilson (7) 1927-28; Bartlett, Edward, 1890; Bartlett, H. H. 1912; Bartlett, Robert A. (2) 1927-35; Bartram, Edwin B. (11) 1912-24; Bartram, John (2) 1937; Bartsch, Paul (9) 1902-20; Bassett, Geo. Wm. (24) 1908-19; Bassett, Wm. F. 1911; Batchelder, Charles Foster (156) 1888-1936; Bates, Geo. L. (9) 1911-16; Bather, F. A. (2) 1907; Batty, J. H. 1899; Baumgartner, Frederick M. (3) 1934-5; Baur, Geo. 1897; Bayley, Ivan A. 1924; Baynard, Oscar E. (18) 1911-29; Baynes, Ernest Harold (2) 1917-21;

Beal, Clarence M. 1930; Beal, F. E. L. 1899; Beals, A. T. (3) 1922-29; Bean, B. A. (3) 1909; Beans, Thomas J. (4) 1909-10; Beaufort, L. F. de

(3) 1912-26; Beck, Herbert Huebner (39) 1919-31; Bedell, Edgar (3) 1922-5; Beebe, Chas. Wm. (34) 1904-28; Beecher, Chas. E. 1900; Beecroft, W. G. 1914; Beesley, B. W. (3) 1901-11; Behr, Herman (22) 1898-1929; Behr, Otto (66) 1896-1933; Bell, G. W. (2) 1900; Bell, W. B. (10) 1923-30; Belts, Norman A. W. 1915; Bender, R. O. (3) 1927-31; Bendire, Chas. E. (11) 1890-96; Benedict, Francis Gano, 1904; Benignus, Wm. (4) 1928-9; Benners, Geo. B. (5) 1894-1920; Bennett, Geo. (2) 1921-22; Bennett, Walter W. (2) 1930-31; Bennitt, Rudolf (7) 1930-34; Benson, R. Dale (4) 1927-37; Benson, Seth B. (2) 1930; Bequaert, Joseph (2) 1918; Bergtold, William H. (117) 1912-35; Berlesson, Claus von (3) 1887-90; Best, G. N. 1917; Beyer, Geo. E. 1900;

Bickings, Geo. D. 1936; Bicknell, Eugene P. (19) 1898-1923; Biddle, Clement, 1922; Biddle, Emily Wms. 1898; Biddle, Sanford, 1921; Biddle Thomas (11) 1922; Bigelow, Edward F. (4) 1902-08; Birdseye Clarence (5) 1907-8; Birkinbine, John, 1913; Bishop, Helen Harrington, 1936; Bishop, Richard E. 1937; Bishop, Louis Bennett (94) 1895-1932; Bishop, S. C. (4) 1921-3; Bissegger, John J. 1900; Bissonnette, T. H. 1935; Bitler, F. L. (4) 1913; Blackwelder, Eliot (2) 1914-18; Blain, Alexander W. (7) 1903-11; Blake, S. F. (2) 1923-31; Blanchard, Frank M. (2) 1923-5; Blanchard, W. H. (3) 1906-08; Blatchley, W. S. 1923; Blewitt, Arthur E. 1931; Blincoe, Benedict J. (2) 1922-4; Bliss, Geo. S. (2) 1910-15; Blythe, J. W. 1912;

Boggs, Marion A. (3) 1925; Bohn, Herman, 1935; Bolles, Elizabeth Q. n. d.; Bolt, Benj. F. 1927; Bolton, Arthur Lawrence (3) 1918; Bond, Elizabeth Powell (3) 1916; Bond, F. E. (2) 1911-13; Bond, Frank (12) 1900-1925; Bond, James (3) 1923-31; Bonhote, J. Lewis, 1908; Borell, A. E. (2) 1935-6; Borman, F. W. (2) 1929; Borneman, Henry S. 1925; Borseth, Karl, 1921; Bosson, Campbell, 1919; Boulenger, S. A. (10) 1899-1912; Boulton, Rudyard (12) 1924-33; Bourne, Thomas L. (11) 1918-24; Bowdish, Beecher Scoville (109) 1906-36; Bowen, W. Wedgwood (14) 1928-36; Bowles, J. Hooper (24) 1915-30; Boyle, Howarth S. (3) 1917-19;

Bradlee, Thos. Stevenson, 1915; Brady, C. T. 1900; Brady, Ethel W. 1930; Bragg, Laura M. (5) 1912-30; Brainerd, Ezra (36) 1904-12; Braislin, Wm. C. (26) 1903-22; Brand, Albert R. (9) 1932-35; Brandt, Herbert W. (2) 1923-4; Brannon, Peter A. (5) 1918-22; Brant, Irving (3) 1931; Brasher, Philip, 1930; Brasher, Reginald I. (3) 1906-08; Bray, William L. n. d.; Breckenridge, W. J. (2) 1929; Breneman, Park P. (2) 1896-97; Breninger, Geo. F. 1899; Brewster, Caroline, 1919; Brewster, E. E. 1917; Brewster, William (61) 1891-1919; Bridge, Lidian E. (5) 1912-24; Brimley, C. S. (4) 1903-15; Brimley, H. H. (20) 1894-1935; Brinton, Daniel G. (3) 1894; Brisquoline, Georges, 1917; Britton, Nathaniel Lord (34) 1889-1921; Brockway, Arthur W. (4) 1912-18; Brodkorb, Wm. Pierce (7) 1925-37; Brooks, Allan (32) 1912-35; Brooks, A. B. 1935; Brooks, Earl (5) 1925-32; Brooks, Earle A. (7) 1906-30; Brooks, H. W., Jr. (5) 1931; Brooks, Maurice (2) 1936-7; Brooks, S. C. 1926; Brooks, Winthrop Sprague (7) 1912-26; Brounstein, Morris (2) 1925;

Brown, Alice L. (2) 1935; Brown, Amos P. (4) 1897-1911; Brown,

## Coll. 450 (cont.)

Barnum (3) 1910-32; Brown, C. Emerson (12) 1917-30; Brown, Edward J. (6) 1896-1922; Brown, H. Latimer, 1918; Brown, Harry A. 1932; Brown, Hazen, 1918; Brown, Herbert (13) 1907-1937; Brown, J. Willcox, (4) 1933; Brown, John Farnum (2) 1891; Brown, Mary Apah (2) 1914; Brown, Maurice (7) 1931-5; Brown, Nathan Clifford (43) 1905-27; Brown, Otway H. (77) 1907-37; Brown, Stewardson (12) 1903-20; Brown, Wilmot W. (2) 1929; Browne, Samuel, 1916; Bruen, Frank, 1915; Bruner, Lawrence, 1901; Bruner S. C. (2) 1933; Bryan, Wm. Alanson (8) 1900-15; Bryant, Edwin S. 1900; Bryant, H. C. (6) 1913-35; Bryant, Henry G. (4) 1894-1927; Bryant, Owen (6) 1911; Bryens, Oscar McKinley (5) 1925-36;

Bubier, Geo. M. 1913; Buckalew, Herbert (7) 1932-36; Bull, Charles Livingston (2) 1928-30; Buller, W. H. (7) 1893-1908; Bullock, D. S. (2) 1928-35; Bumpus, H. C. 1904; Bumstead, H. A. 1920; Bunker, C. D. (2) 1923-27; Bunnell, A. S. (5) 1903-04; Burk, Jesse Y. 1891; Burleigh, Thomas D. (22) 1916-36; Burns, Frank L. (51) 1895-1934; Burr, Charles W. (8) 1922-31; Burr, Freeman F. n. d.; Burrill, Alfred C. (2) 1908-15; Burt, Edward A. (4) 1899-1921; Burtch, Verdi (8) 1913-36; Burton, E. Milby (2) 1937; Bush, Walter D. (7) 1897-1901; Butler, Amos W. (26) 1889-1935; Butterfield, W. Ruskin (2) 1896-97; Butterwick, Claude A. (3) 1918-20; Buttrick, Ernest G. 1919; Buttrick, P. L. 1909; Butts, Wilbur K. 1929; Buturlin, Sergius A. 1928; Buxton, N. G. (2) 1899-1901.

Cadwalader, C. M. B. (14) 1924-37; Cadwalader, John (6) 1914-33; Cadwalader, William B. (16) 1917-37; Cahn, Alice R. (10) 1912-34; Calder, Alex. (2) 1913; Calder, J. W. 1918; Calvert, P. P. (3) 1905-19; Cammerer, Arno B. 1935; Cameron, Erven S. (9) 1912-13; Cameron, (Mrs.) E. S. (2) 1915-23; Camp, Chas. L. (2) 1916-17; Campbell, A. J. (7) 1922-27; Carey, Henry R. (14) 1925-31; Carey, (Mrs.) Henry R. 1931; Carlisle, J. S. 1928; Carpenter, Benj. A. (16) 1898-1926; Carpenter, Harriet, n. d.; Carpenter, R. R. M. (2) 1936; Carpenter, William Don (7) 1899-1909; Carr, Lewis G. 1901; Carriger, Henry Ward (4) 1917-23; Carriker, M. A., Jr. (16) 1908-17; Carrington, C. R. (2) 1927-28; Carson, Anna Lea, n. d.; Carson, Hampton L. (12) 1897-1900; Carson, Hampton L., Jr. (3) 1927-37; Carson, John B. (2) 1905; Carson, Robert D. (18) 1898-1918; Carter, A. P. (5) 1917-18; Carter, C. M. (2) 1920-21; Carter, Geo. N. 1935; Carter, H. A. 1934; Carter, Joel J. (2) 1912; Carter, John D. (53) 1894-1936; Carter, T. Donald, 1924; Carter, W. F. 1932; Cartwright, B. W. (9) 1924-35; Carvalho, Joas de Paiva, 1936; Cary, (Mrs.) C. Reed (2) 1933; Cary, Merritt (4) 1908-09; Case, E. C. (3) 1900-05; Caskey, R. C. (6) 1906-11; Cattell, J. McKeen (12) 1896-1919;

Chadbourne, Arthur P. (6) 1897-1917; Chamberlain, E. B. (3) 1924-36; Chamberlain, Montague, 1899; Chambers, W. Lee (20) 1902-26; Chance, Edgar P. (4) 1922; Channing, H. M. 1909; Chapin, James P. (124) 1915-37; Chapman, Abel, 1921; Chapman, Henry C. (5) 1905-06; Chase, Agnes (10) 1909-19; Chawner, E. F. 1937; Cherrie, Geo. K. (2) 1925; Chestakova, G. (2) 1936; Cheston, Radcliffe, Jr. (8) 1931-36; Chiff, T. V. (2) 1924; Childs, Henry E. (2) 1922-23; Childs, John Lewis (7) 1901-23; Chisholm, A. H. (4) 1928-30; Choate, Ernest A. 1937; Christofferson, K. (2) 1920; Christy,

Bayard H. (87) 1924-36; Chrostowski, T. (2) 1921; Chrysler, M. A. (2) 1934; Chubb, Charles (3) 1913; Chubb, S. Harmsted (9) 1914-29; Clark, Arthur L. 1925; Clark, Austin H. (11) 1911-22; Clark, Frederic L. (10) 1897-1925; Clark, Herbert Lyman (23) 1903-26; Clark, James L. 1917; Clark, Josiah H. (4) 1902-09; Clark, Frederic L. (10) 1897-1925; Clark, William Bullock (13) 1897-1904; Clarke, John M. (7) 1911-20; Clarke, Mary S. (2) 1924; Clattenburg, Albert E., Jr. 1936; Cleaves, Howard H. (19) 1911-35; Clemens, Joseph (3) 1909; Clement, Roland E. 1936; Clements, Frederic C. 1934;

Coale, Henry Kelso (97) 1904-26; Cobb, Anna E. (3) 1912; Cobb, Charles W. 1934; Coble, Mary Ferguson, 1931; Cockerell, T. D. A. (9) 1901-33; Cocks, Edmund (4) 1918-20; Coe, Ernest F. (4) 1928-30; Coffin, Anna A. (12) 1921-30; Coffin, Ben B. 1936; Coffin, Percival Brooks (5) 1922-36; Coggins, Herbert L. (36) 1899-1913; Coker, Robert E. (6) 1915-37; Coker, W. C. 1917; Cole, Leon J. (34) 1899-1911; Cole, Stirling W. (3) 1904-11; Coles, (Mrs.) Charles H. n. d.; Coles, Russell J. (14) 1923-25; Collins, Alfred M. (19) 1922-32; Collins, Julia Cope (2) 1901-11; Collins, Frank S. (3) 1911; Collins, Henry Hill (4) 1926-32; Colton, Harold S. (2) 1931-36; Colton, Jessie S. n. d.; Colvin, Walter, 1927; Comelius, Mildred, 1917; Comfort, W. W. 1932; Commons, Albert, 1909; Conant, Roger (4) 1930-36; Conard, Henry, 1901; Congreve, W. M. (2) 1929; Conklin, E. G. (13) 1901-20; Conover, H. B. (9) 1925-29; Conway, Albert E. (2) 1935-36;

Cooke, Geo. J. (4) 1916-18; Cooke, May Thacker (13) 1922-32; Cooke, Wells W. (59) 1896-1916; Coolidge, Harold J., Jr. (2) 1928-36; Cooper, Alice M. (3) 1925; Cooper, Lane (2) 1926; Cooper, Sam. W. (4) 1920-30; Cope, Anna D. (5) 1901; Cope, E. D. (3) 1891-97; Cope, Francis R. (82) 1896-1936; Cordier, A. H. (2) 1926; Corey, Alice (2) 1913; Corrington, J. D. (6) 1921-22; Corts, Ernst (3) 1915-21; Cory, Charles B. (44) 1878-1921; Cottam, Clarence (13) 1929-36; Coues, Elliott (37) 1897-99; Coues, William Pearce (2) 1921; Court, Edw. J. 1924; Coville, Frederick V. (3) 1906-17; Cowles, Henry C. (3) 1913; Cowles, Raymond B. (5) 1929-36; Cox, Elizabeth C. (3) 1911-19; Cox, Philip, 1909; Cox, Ulysses O. 1891;

Crabb, Edward D. (2) 1922; Craig, Wallace (13) 1906-33; Craighead, Frank, Jr. (2) 1936; Cram, Wm. Ernest (22) 1901-13; Cramer, W. Stuart (18) 1931-35; Crandall, Lee S. (4) 1919-28; Crane, Fred W. C. 1919; Cranston, Ellen M. 1926; Crawford, Joseph (33) 1888-1921; Crawley, Howard (6) 1911-18; Creech, William R. 1921; Cresson, Ezra T., Jr. 1932; Criddle, Norman, 1920; Crispin, William B. (3) 1908-09; Cromie, Geo. H. (2) 1911; Cromie, (Mrs.) Geo. H. (5) 1912-31; Crosby, Maunsell S. (25) 1914-30; Crouch, James E. 1930; Cruickshank, Alan D. (2) 1936; Csörgy, Titus, 1921; Culin, Stewart (3) 1899; Culver, Delos E. (9) 1914-17; Curl, A. Laurence, 1931; Currier, A. W. 1916; Curtiss, Roy Q. (7) 1920-24; Curtler, Martin S. (4) 1926-32;

Dablène, Roberto (2) 1921-28; Daecke, V. A. E. (5) 1914-16; Daggett, Frank S. (13) 1898-1921; Dahlgren, Ulric, n. d.; Daland, Judson (2) 1916; Daley, Florence K. (3) 1925-28; Daley, Mary Wood (9) 1921-28; Dalke, Paul

## Coll. 450 (cont.)

D. 1934; Dall, James (2) 1897-98; Daly, Stephen, 1937; Dando, A. J. 1932; Danforth, Stuart T. (12) 1921-36; Daniel, John W., Jr. (8) 1903-19; Darling, J. N. 1935; Darlington, Emlen P. (2) 1929; Darrach, J. 1890; Davenport, Chas. B. 1936; Davenport, Elizabeth B. (13) 1900-31; Davidson, Gaylord, 1923; Davidson, (Mrs.) Gaylord (2) 1923-24; Davies, D. C. 1926; Davis, Bradley M. 1912; Davis, R. N. (4) 1921-26; Davis, Wm. B. 1911; Davis, William T. 1911; Davison, Alvin (4) 1902-14; Dawson, Wm. Leon (16) 1906-25; Dawson, (Mrs.) Wm. Leon (2) 1927-28; Day, Frank Miles (7) 1890-1908; Day, Mary A. (2) 1904-12;

Deane, George C. 1924; Deane, Walter (48) 1898-1920; Dearborn, Ned D. 1904; Dearden, Robt. R., Jr. 1912; Decker, Harold K. (6) 1931-32; DeGaris, C. F. (3) 1935-36; Degli Oddi, Count E. Arrigoni (4) 1901-1930; Deignan, H. G. (5) 1930-34; de la Cour, Jean (4) 1920-27; DeLoach, R. J. H. 1916; DeLury, Ralph E. (2) 1922-23; De Meritte, Edwin, 1919; De Mille, John B. (3) 1924; Denegar, Harold C. (2) 1926; Denslow, H. M. (2) 1919; Dercum, Francis X. (9) 1927-29; Dery, D. A. (3) 1931-34; Detwiller, (Mrs.) J. W. (16) 1899-1904; Detwiller, John K. (2) 1923; DeVries, Tsjeard Gs., 1935; Dexter, John Smith, 1921;

Dice, Lee R. (7) 1911-31; Dickens, Elizabeth, 1934; Dickerson, Mary Cynthia (9) 1915-20; Dickey, Donald R. (8) 1921-24; Dickey, Sam. S. (7) 1915-30; Dickinson, W. S. (4) 1891-1901; Dike, A. C. 1903; Dille, Fred M. 1925; Dillin, J. G. (27) 1899-1935; Dillon, Edward (4) 1905; Dingle, Edward von Siebold (21) 1922-37; Dionne, C. E. (2) 1912-18; Dippell, V. W. 1922; Dippie, G. F. (15) 1890-1901; Ditmars, Raymond L. (2) 1905; Dixon, C. C. 1924; Dixon, Joseph S. (2) 1919-32; Dixon, Samuel G. (32) 1898-1922; Dixon, (Mrs.) Samuel G. 1892;

Dommerich, L. F. (2) 1904-08; Donaldson, Henry H. (33) 1908-30; Donaldson, Thos. B. (2) 1935; Doolittle, E. A. (7) 1919-23; Doriza, M. 1934; Douglass, Earl (4) 1902-06; Draves, Sam. E. (2) 1892; Dresser, H. E. (2) 1906; Drinker, Henry S. 1927; Drosser, J. H. 1919; Drost, Rudolf (3) 1926-30; Drummond, James (4) 1913-35; Drummond, Mary, 1922; DuBois, A. Dawes (11) 1922-33; Dudley, J. M. 1932; Dugmore, A. Radcliffe (18) 1900-08; DuMont, Philip A. (23) 1928-34; Dunlavy, Joseph C. (3) 1934-36; Dunlop, Eric B. (5) 1914-16; Dunn, Edward S. 1936; Dunn, Emmett Reid (2) 1922; Dupond, C. (5) 1919-21; Durfee, Owen, 1923; Durham, O. C. (2) 1939; Durrant, Stephen D. 1939; Dutcher, Wm. (45) 1896-1919; Dwight, Ethel Adam (3) 1928-29; Dyche, L. L. 1894.

Eames, E. H. (3) 1907-12; Eames, (Mrs.) Edward A. 1919; Earle, George H. (2) 1936-37; Eastman, C. R. (7) 1900-15; Eastman, Francis B. (4) 1904-25; Eastman, Frank B. 1898; Eastman, Lucius R. 1930; Easton, M. W. (7) 1892-1905; Eaton, E. Howard (2) 1901-07; Eaton, Richard J. 1921; Eaton, S. H. (2) 1925; Eaton, Warren F. (29) 1925-36; Eckfeldt, John W. (3) 1899-1918; Eddy, W. H. 1937; Edge, (Mrs.) C. N. (27) 1931-36; Edwards, (Mrs.) W. H. 1931; Eggleston, Willard W. (8) 1911-32; Ehinger, Clyde E. (24) 1909-29; Eifrig, C. W. G. (30) 1906-33; Eigenmann, Carl H. (6) 1899-1922; Ekblaw, W. Elmer, 1927; Eliot, Samuel A., Jr. (8) 1931-36;

## Coll. 450 (cont.)

Elliot, Daniel Giraud (72) 1890-1915; Elrod, M. J. (3) 1898-1900; Embody, Geo. C. 1908; Emerson, W. Otto (24) 1900-30; Emerton, J. H. n. d.; Emilio, S. G. 1923; Emlen, Arthur Cope (17) 1900-36; Emlen, John T. (7) 1925-33; Enders, Robert K. 1936; England, Howell S. (5) 1906; Errington, Paul L. 1936; Erskine, (Mrs.) Richard (5) 1927; Ervien, Robt. 1926; Evans, Chas. 1927; Evans, Evan (3) 1936; Evans, Joseph S. (2) 1921-26; Evans, Wm. B. (42) 1896-1936; Evermann, Barton W. (35) 1890-1920; Eynon, Alfred E. 1935;

Fair, William W. (10) 1903-14; Farabee, W. C. 1919; Fargo, Wm. G. (6) 1929-34; Farley, Colvin, n. d.; Farley, John A. (12) 1916-25; Farmer, Chas. W. (2) 1900; Farquhar, David, 1932; Farr, Marcus S. (4) 1900-29; Faxon, Walter (9) 1897-1929; Feilden, N. W. (2) 1908; Fellows, A. P. (2) 1892-94; Fenis, V. de, 1918; Ferguson, Harry L. (6) 1922-23; Ferguson, J. A. (7) 1923-24; Ferguson, M. S. (2) 1935-36; Ferguson, William C. (15) 1919-28; Fernald, M. L. (8) 1910-24; Ferris, Annette R. (2) 1930; Ferry, John F. (4) 1906-07; Field, G. W. 1922; Figgins, J. D. (3) 1916-31; Finley, William Lovell (27) 1906-26; Finsch, O. 1901; Fisher, G. Clyde (5) 1915-29; Fisher, Muriel B. (5) 1928-34; Fisher, Sydney G. (2) 1922; Fisher, Walter K. (10) 1902-17; Fiss, Geo. W. (2) 1898;

Fleming, J. H. (130) 1903-37; Fletcher, Laurence B. (23) 1922-30; Flint, Howard D. 1912; Flood, M. A. 1902; Floyd, Chas. B. 1900; Forbes, Alex. 1913; Forbes, Henry S. 1936; Forbush, Edward Howe (63) 1898-1928; Forbush, (Mrs.) Edward Howe, 1930; Ford, Edward R. 1934; Ford, Olivia M. 1893; Forster, Alma, 1935; Foster, C. W. 1919; Foster, Francis A. (2) 1917-19; Foster, Frank B. (33) 1916-37; Foster, (Mrs.) Horace S. 1915; Foster, L. S. (28) 1886-1903; Foster, M. B. 1914; Foulke, Jean Kane, 1930; Fowler, Henry Weed (62) 1900-23; Fox, Harry (4) 1899-1900; Fox, Henry (4) 1905-13; Fox, Herbert (7) 1924-34; Fox, W. F. 1921; Fox, William H. 1920; Fox, William J. (5) 1897-1934;

Frantz, (Mrs.) Chas. 1933; Fraser, A. K. (4) 1922-26; Frazer, Persifor (3) 1900; Frazier, Geo. H. 1918; Freer, Ruskin S. (5) 1929-31; French, Daniel Chester, 1919; Fretz, C. D. (3) 1903; Frey, Edith K. (2) 1933-34; Friant, Geo. P. (2) 1895-1916; Frick, Childs, 1928; Friedmann, Herbert (58) 1922-37; Frome, John Henry (3) 1910-13; Frost, Allen, 1929; Fry, Henry J. (11) 1915-21; Fuertes, Louis Agassiz (58) 1899-1926; Fulweiler, John H. (7) 1937; Furness, Horace Howard, 1898; Fussell, Ellen, 1906;

Gabrielson, Ira N. (3) 1917-37; Gage, (Miss) Bert L. (3) 1916; Gager, C. Stuart (5) 1916-34; Gaige, Helen L. 1931; Ganier, Albert F. (21) 1918-34; Gardiner, L. 1913; Gardner, Aston C. (11) 1918-21; Gardner, Leon L. (16) 1926-28; Gates, Thomas S. (2) 1933; Gault, Benj. T. 1895; Gee, Nathaniel Gist (5) 1919-34; Geiger, Charles B. (2) 1914; Gerhard, Wm. J. (2) 1901-07; Gershoy, Alex. (2) 1917; Gesner, Anthon T. 1925;

Gianini, Charles A. 1933; Gibson, W. M. n. d.; Gidley, J. W. (5) 1901-15; Gifford, E. W. (6) 1925-28; Gifford, John (4) 1901-12; Gilbert, J. R. (6) 1929; Gildersleeve, Alfred, 1925; Gill, (Mrs.) Ephraim Tomlinson (4) 1908-

22; Gill, Herbert A. (2) 1913; Gill, Theodore (12) 1897-1902; Gillespie, John A. (17) 1925-32; Gillespie, (Mrs.) John A. (3) 1924; Gillin, James R. (5) 1920-35; Gillingham, Harrold E. 1928; Gilmore, Charles W. (4) 1911-21; Girty, George H. 1910; Githens, Alfred Morton (11) 1895-1906; Githens, Thos. Stotesbury, 1911; Githens, W. H. H. 1911; Gladstone, Hugh S. (3) 1925; Glendening, Row. 1935; Glendening, (Mrs.) Row. 1935; Gliesch, Rudolf, 1924; Gloyd, Howard K. (5) 1924-32;

Goddard, Pliny E. 1926; Goewey, Eva, n. d.; Goldman, E. A. (18) 1910-36; Goode, G. Brown (2) 1889-93; Goodfellow, Walter, 1900; Goodhue, Francis, Jr. (11) 1902-21; Goodspeed, Arthur W. (4) 1912-29; Goodwin, Samuel Henry, 1909; Gordon, G. B. (7) 1913-26; Gordon, Jack G. 1929; Gordon, Samuel G. (9) 1921-23; Gordon, Seth E. (33) 1920-36; Gormley, A. L. 1924; Gorst, Charles Crawford (3) 1925; Gould, Victor E. 1932; Gower, Carl (4) 1935-36;

Graham, Harry L. (6) 1899; Grange, Wallace Byron (4) 1922-24; Grant, Madison (2) 1905; Grant, W. W. (38) 1910-31; Greaves, Christopher, 1900; Green, Harold T. (2) 1930-34; Green, Morris M. (2) 1925-35; Greene, Earl R. (14) 1921-35; Greene, Edward L. (5) 1902-03; Greenman, Milton J. (3) 1913-17; Greenway, James C., Jr. (3) 1931-34; Gregory, Stephen S., Jr. (3) 1920-29; Gregory, Tappan (2) 1932; Gregory, William K. (3) 1927-36; Greschiken, Eugene, 1929; Greywacz, Kathryn B. 1932; Griffin, Donald R. 1936; Griffith, Mary C. (2) 1928; Grimes, S. A. (4) 1934-36; Grinnell, George Bird (55) 1899-1935; Grinnell, Leonard C. (3) 1910; Griscom, Florence C. 1923; Griscom, J. W. (2) 1909; Griscom, Ludlow (76) 1912-36; Griswold, B. Howell, Jr. 1933; Griswold, John A., Jr. (2) 1936; Gromme, Owen J. (5) 1927-36; Gronberger, S. M. (4) 1912-14; Gross, Alfred O. (46) 1918-36; Gross, Margaret E. (2) 1937; Grosvenor, Gilbert H. (3) 1903-32; Gruber, C. L. 1902; Guild, Wm. 1933; Guion, George Seth, 1936; Gurney, J. H. (4) 1893-1921;

Hadeler, E. W. (4) 1924-30; Hadley, Alden H. (2) 1930; Hagemans, Paul (2) 1910; Haines, N. E. 1908; Haines, Rachel M. 1936; Haldeman, Doris W. (2) 1930; Hales, Henry (6) 1895-1909; Hall, E. Raymond (4) 1929-32; Hall, F. S. (8) 1910-36; Hall, James (2) 1897; Hall, Minna B. n. d.; Hallett, George H. Jr. (4) 1914-18; Hallinan, Thomas (4) 1922-28; Hallinen, J. E. 1921; Hallowell, (Mrs.) Benj., Jr. (2) 1903; Halsted, Byron D. (2) 1911; Hamaher, J. I. 1936; Hamilton, William J. 1936; Hamlin, Chauncey J, 1929; Hammelbaugh, D. D. 1916; Hammond, H. S. (2) 1911; Hand, H. Walker (117) 1902-31; Handley, Charles O. (3) 1931-36; Hands, Frank H. (2) 1919-20; Haney, John L. (4) 1921-23; Hanington, C. H. 1936; Hankinson, T. L. 1934; Hann, Harry (2) 1904-36;

Harding, Katharine C. 1931; Hardy, Manly (2) 1900; Hargrave, Lyndon L. (2) 1936; Harkin, J. B. (2) 1920-22; Harllee, H. L. 1936; Harlow, Richard Cresson (78) 1904-33; Harper, Francis (34) 1911-37; Harper, Roland M. (13) 1908-27; Harrington, Alice B. (2) 1922; Harrington, Ralph M. (2) 1917; Harris, C. M. 1905; Harris, Edward, 1911; Harris, Harry (6) 1917-26; Harris, Wm. P., Jr. 1929; Harrison, Chas. H. (2) 1926; Harrison, Desales

(2) 1937; Harrison, Geo. L. (13) 1910-36; Harrison, T. A. 1932; Harrison, Theodore L. 1905; Harrold, C. G. (5) 1924-28; Harrower, David E. (19) 1904-36; Harshberger, John W. (9) 1902-28; Hart, Henry, 1931; Hartert, Ernst (14) 1899-1928; Hasbrouck, Edwin M. (5) 1896-1935; Haskell, Sadie, 1916; Hathaway, Harry S. (7) 1909-34; Hatt, Robert T. 1930; Haupt, Lewis M. 1922; Hausman, Leon A. (11) 1924-30; Havemeyer, Henry O. 1933; Havens, F. H. 1913; Haverschmidt, Fr. (2) 1930; Hawes, Harry B. 1930; Hawkins, Chauncey J. (2) 1918-20; Hay, Oliver P. (34) 1899-1924; Hay, W. P. (4) 1899-1905; Hayes, Samuel P. 1933; Haynes, S. M. (2) 1921; Hays, I. Minis (12) 1912-18; Hayward, C. Lynn, 1931; Hayward, H. A. 1931; Hazelhurst, H. McK. 1901;

Heacock, Esther (7) 1915-20; Heath, Harold, 1901; Hebard, Frederick V. 1936; Hebard, Morgan (2) 1922-36; Heffner, Edw. H. (5) 1921-23; Heilfurth, Fritz (2) 1927-30; Heilner, Van Campen (5) 1920-22; Heimbach, William H., 1923; Heinemann, William, 1915; Hellmayr, C. E. (27) 1909-31; Hellmuth, William Tod (11) 1911-35; Helme, A. H. 1919; Hempel, Kathleen M. (2) 1921-22; Hemphill, Ashton E. (15) 1921-22; Hemphill, Frederick A. (2) 1926; Henderson, A. D. (2) 1926; Henderson, Junius (6) 1912-31; Henderson, W. C. (33) 1917-29; Hennessey, Frank C. (3) 1916-19; Henninger, W. F. (14) 1899-1922; Henry (Mrs.) Bayard (13) 1921-31; Henry, Frank S., 1922; Henschkel, A. 1914; Hensel, Nellie B. (3) 1925; Henshaw, Henry W. (58) 1884-1923; Henshaw, Samuel (4) 1905-25; Heritage, Benj. (3) 1911-12; Herman, Otto, 1908; Herrick, Francis H. (36) 1912-23; Herrick, Harold, 1915; Herron, R. B. (3) 1891-92; Hersey, F. Seymour (7) 1912-35; Hess, Albert, 1926; Hess, Isaac E. (3) 1891-92; Heuer, H. D. 1933; Hewett, Forrest, 1921; Heyde, H. Theodore (2) 1897; Heydweiller, A. Marguarita, 1935;

Hiatt, Benj. C. (3) 1936; Hickey, Jos. J. (4) 1925-37; Hicks, Lawrence E. (3) 1931-32; Hill, A. Laurence, 1919; Hill, James H. (9) 1901-10; Hill, Julian W. (4) 1925-35; Hiller, H. M. 1905; Hine, Jas. S. (3) 1930; Hinsdale, Guy, 1937; Hitchcock, A. S. (66) 1909-24; Hoffman, E. C. (2) 1931; Hoffman, Ralph (13) 1900-22; Hoffman, William E. 1929; Hoffstat, Wm. H. (2) 1928; Holland, Harold M. 1935; Holland, Wm. J. (12) 1899-1926; Hollick, Arthur, 1912; Hollister, N. (20) 1902-23; Holman, John P. (2) 1920-34; Holmes, Georgiana Klinge (2) 1906-07; Holmes, LaRue K. (9) 1904-05; Holt, Ernest G. (37) 1916-35; Holt, Henry (9) 1909-10; Holt, Margaret L. 1926; Holzworth, John M. 1931; Hood, Juliette M. (2) 1933; Hoopes, Josiah (35) 1892-1903; Horn, H. Harcourt (2) 1925; Hornaday, Wm. T. (11) 1897-1933; Horne, M. H. 1937; Horning, James E. (2) 1922-23; Horsey, R. E. (4) 1921-22; Horton, Chas. B. (7) 1917-20; Hostetter, D. Ralph, 1933; House, Homer D. (3) 1904; Houston, S. F. (7) 1922-30; Hovey, Edmund Otis (8) 1913-24; Howard, Edgar B. 1931; Howard, L. O. (3) 1900-31; Howe, Marshall A. (5) 1902-06; Howe, Reginald Heber (47) 1899-1921; Howell, Alfred Brazier (89) 1910-32; Howell, Arthur H. (45) 1920-32; Howell, Joseph, 1934; Howland, Henry R. (15) 1908-23; Howland R. H. (5) 1921-23; Hoyle, Wm. E. 1906;

Hrdlicka, R. 1911; Hubbs, Carl L. (3) 1917-30; Huber, F. F. 1932; Huber, Wharton (49) 1916-33; Huch, O. F. 1935; Hudson, Geo. E. (4) 1927-

## Coll. 450 (cont.)

30; Huff, J. Craig, 1929; Hughes, W. E. (5) 1897-99; Hull, Edwin D. (5) 1912-14; Hunn, John T. S. 1929; Hunt, Chreswell J. (90) 1902-30; Hunt, (Mrs.) (2) 1933-34; Hunt, Emily G. (5) 1895-1905; Hutchinson (Mrs.) Charles L. 1932; Hutt, F. B. (5) 1931-32; Huxley, Julian S. (5) 1914-16; Hyde, A. Sidney (4) 1923-37; Hyde, John W. 1938; Hyde, Walter Woodburn, 1918;

Ihering, Hermann von (6) 1901-26; Illick, Joseph S. (4) 1919-26; Illidge, Thomas (2) 1914; Ingraham, D. P. (15) 1894-98; Iredale, Tom, 1919; Ives, Henry G. 1918; Ives, James E. (3) 1891-1921;

Jackson, C. F. (2) 1930; Jackson, Hartley H. T. (31) 1902-36; Jackson, (Mrs.) H. H. T. 1927; Jackson, Ralph W. (5) 1913-25; Jackson, Thomas H. (42) 1892-1922; Jacobs, J. Warren (28) 1893-1931; Jager, George O. 1921; Jamison, Mary A. 1914; Janney, Robert M. (6) 1903-09; Janvrin, Edmund R. P. (5) 1924-31; Jaques, F. L. (3) 1929-30; Jastrow, Morris, Jr. (2) 1908-14; Jayne, Henry LaBarre (2) 1920; Jayne, Horace (5) 1890-1900; Jeanes, Joseph Y. (2) 1921; Jefferis, William W. 1896; Jellett, Edwin C. (5) 1896-1919; Jenkins, Howard M. (4) 1903-06; Jenkins, Hubert O. 1907; Jenks, Randolph (7) 1931-34; Jennings, Otto E. (3) 1907-08; Jensen, J. K. (3) 1917-24; Jensen, J. P. n. d.; Jewel, L. L. (2) 1912-14; Jewett, Stanley G. (9) 1905-29;

Job, Herbert K. (5) 1899-1916; Johnson, Archibald (2) 1930; Johnson, Charles E. (8) 1915-29; Johnson, Chas. W. (4) 1881-84; Johnson, E. R. Fenimore, 1934; Johnson, Frank Edgar, 1921; Johnson, Fred C. (3) 1916; Johnson, R. A. (3) 1926-28; Johnson, Walter Adams (14) 1898-1918; Johnston, I. H. 1930; Jones, Enos M. (2) 1913; Jones, F. M. (5) 1932-35; Jones, Frank Morton, 1933; Jones, Geo. L. 1923; Jones, H. Walter, 1935; Jones, Howard, 1927; Jones, Lewis Ralph (9) 1921-22; Jones, Lombard Carter (8) 1926-31; Jones, Lynds (28) 1896-1934; Jordan, David Starr (29) 1895-1925; Jourdain, Frances C. R. (12) 1912-32; Judd, Sylvester, D. (2) 1898; Jung, Clarence S. (3) 1929-30; Junge, G. C. A. 1916; Justice, Alfred R. (4) 1903-09; Justice, William Warner, Jr. (4) 1934-35;

Kaempfer, Adolph (2) 1922-23; Kahn, Julietta, 1931; Kalbfus, Joseph (48) 1900-19; Kalmbach, E. R. (12) 1921-33; Kalter, Louis B. (2) 1931-32; Kane, Susan M. 1923; Kaufman, Pauline (2) 1912; Kaufmann, Berwind P. 1918; Kean, L. J. K. 1919; Kearney, T. H. 1909; Kearton, R. 1908; Keays, J. E. (2) 1901; Keeler, Charles A. 1899; Keen, William W. (28) 1899-1929; Keim, Thos. D. (2) 1902; Keller, A. R. (4) 1902-03; Keller, Harry F. (3) 1918-20; Keller, Ida A. (7) 1897-1914; Kellogg, Charles Dennison (10) 1901-17; Kellogg, Remington (8) 1926-36; Kellogg, Vernon L. (3) 1899-1900; Kelly, Howard A. (3) 1923; Kelso, Estelle H. 1935; Kelso, J. E. H. (2) 1922-25; Kelso, Leon (8) 1929-36; Kendeigh, S. Chas. (2) 1926; Kendrick, W. Free-land, 1926; Kennard, Frederic H. (169) 1897-1936; Kent, Edward G. (3) 1924-26; Keoinski, Jno. B. (2) 1886-1904; Kern, Charles (2) 1911; Kershaw, William (6) 1891-1931;

Kibbe, A. S. 1920; Kiefner, C. H. 1926; Kilgore, W. 1933; Kimball, H. H.

(4) 1904-16; Kingsbury, Eliz. W. 1931; Kingsley, John Sterling (2) 1899-1901; Kinnison, Geo. W. 1898; Kipp, Duane H. 1931; Kirk, George L. 1917; Kirk, Mahlon (7) 1904-11; Kirkwood, Frank C. (18) 1894-1925; Klages, S. M. (5) 1900-16; Klauber, L. M. (2) 1924-25; Klinck, Norman, 1929; Kline, W. A. (4) 1930-36; Klotz, Charles D. 1936; Klugh, A. B. (2) 1904; Knappen, Phoebe (4) 1930-35; Knight, Ora W. (8) 1898-1926; Knobloch, Irving W. (3) 1936; Knowlton, F. H. (5) 1899-1925;

Koba, Kazuo (2) 1927-28; Kobbe, Frederick Wm. (5) 1920-30; Koch, August (19) 1897-1904; Koch, Ed. V. (2) 1907; Koch, Fred. W. (4) 1892; Koch, Richard (2) 1931-32; Kolupaew, Eugenia, 1921; Kopman, H. H. (14) 1905-27; Koren, Johan (2) 1915; Kozlowa, Elisabeth, 1931; Kraemer, Henry (2) 1913-14; Kruger, Helen M. 1936; Kuerzi, John F. (5) 1924-25; Kümmel, Henry B. (2) 1914-16; Kunz, George Frederick (3) 1915; Kuroda, Nagamichi (18) 1919-34; Kuser, John Dryden (24) 1911-20;

Ladner, Grover C. 1921; Laessle, Albert, 1908; Lakey, Howard T. 1933; Lamb, Chas. R. (3) 1912-20; Lamlaw, Henry, 1920; Lane, H. H. 1931; Lane, James W., Jr. 1915; Lang, Herbert (12) 1915-23; Langelier, Gustave A. (5) 1923-36; Langstroth, L. H. (2) 1899; Lankester, C. H. 1932; Lanneau, (Mrs.) W. T. 1917; Lanier, Henry W. (47) 1901-34; Lano, Albert (30) 1893-1928; Lantz, D. E. 1899; Laskey, (Mrs.) C. F. 1934; Latham, Roy (2) 1919-24; Lattin, Frank H. (11) 1900-07; Laurent, Philip (35) 1892-1915; Laverdière, J. W. 1936; Law, J. Eugene (48) 1915-29; LaWall, Charles H. (7) 1919-28; Lawrence, C. N. Jr. 1928; Lawrence, Caroline T. 1928; Lawrence Geo. N. 1889; Lawrence, Newbold T. (5) 1915-25; Lawrence, Robert B. (20) 1912-31; Lawson, Ralph (3) 1921-37; Lawyer, Geo. A. 1920;

Leach, J. A. (5) 1919-24; Lee, Chas. T. 1905; Lee, Edith H. M. 1936; Lee, Francis B. (2) 1895; Lee, Mary, 1917; Leeds, Arthur N. (5) 1911-32; Leeds, Morris E. 1926; Legendre, Morris, 1930; Leidy, Joseph, II (7) 1923; Leighton, Alexander H. (9) 1924-33; Lemon, M. L. 1899; Leo, Julian D. 1926; Leopold, Aldo (3) 1930-31; Leopold, Nathan F., Jr. (11) 1919-23; Leopold, Foreman N. 1925; Lermond, Norman W. (2) 1930; LeSouëf, D. (3) 1908-21; Leverkühn, Paul, 1899; Levey, (Mrs.) Wm. M. (3) 1916-25; Lewis, Grace Anna (4) 1908; Lewis, Harrison F. (41) 1918-31; Lewis, John B. (6) 1924-35; Lewis, John Frederick, 1926; Lewis, Norman (3) 1936; Lewis, Wm. Draper (2) 1919;

Libbey, Wm. 1897; Lightfoot, T. M. (6) 1901-26; Ligon, J. Stokley, 1925; Lilford, Mr. 1895; Lillie, Frank R. (2) 1905; Lincoln, Edwin Hale (5) 1922; Lincoln, Frederick C. (87) 1912-37; Lings, G. S. 1914; Link, Henry A. (2) 1922; Lintner, George A. (2) 1935; Linton, M. Albert (2) 1930-37; Lippincott, Chas. D. (8) 1902-15; Lippincott, Joseph W. 1935; Little, Leslie T. (2) 1924-27; Livingston, Philip A. 1928; Lloyd, C. G. (2) 1901-02; Lloyd, Hoyes (15) 1917-36; Lloyd, Wm. (2) 1892; Lodge, Geo. E. 1921; Lofstrom, Lawrence L. (4) 1913-15; Long, Bayard (8) 1907-23; Long, Wm. J. n. d.; Longstreet, Rubert, J. (7) 1914-25; Loomis, Leverett Mills (26) 1891-1925; Lord, Wm. R. n. d.; Lord, C. W. 1909; Loring, J. Alden, 1924; Loveridge, Arthur (7) 1925-28; Low, Daniel S. 1925; Low, G. Carmichael, 1932; Lowe,

Percy R. (4) 1914-34; Lowe, Willoughby P. (2) 1913-17; Lownes, Albert E. (4) 1934-35; Lucas, Frederic A. (33) 1891-1925; Lucas, Jannette May (3) 1916-18; Lull, Richard S. (4) 1916-25; Lumley, Ellsworth D. 1934; Lumpe, Phil. Heinrich, 1923; Luttringer, Leo A., Jr. (12) 1926-36; Lutz, Frank E. 1925; Lutz, H. J. (2) 1931-34; Lyder, Julian, 1927; Lyman, Benj. Smith (2) 1917-18; Lynch, John J. 1934; Lynes, Hubert (4) 1926; Lyon, M. W., Jr. (24) 1902-36; Lyon, Wm. J. (2) 1924-29;

McCall, W. W. 1930; McCann, Horace D. (3) 1927-37; McCaughey, Vaughan (2) 1917-18; McCawley, Wm. Morris, 1921; McCherry, H. 1923; McClellan, Geo. 1909; McClintock, Norman (11) 1918-32; Macloskie, L. M. (3) 1910-11; McClung, C. E. (28) 1912-27; McCollum, Floyd L. (3) 1922-23; McConnell, Thomas L. (3) 1917-21; McCook, Henry C. (7) 1894-1911; McCook, P. J. 1902; McCown, R. M. 1905; MacCurdy, Geo. Grant, 1899; MacDonald, J. Norman (9) 1926-36; MacDonald, Roderick (2) 1935; MacElwee, Alex. (5) 1902-22; Macfarlane, John M. 1913; McGill-Nutt, J. C. 1925; McGraw, Harry Arthur (12) 1917-23; McGregor, J. H. (2) n. d.; McGregor, Richard C. (22) 1905-27; McGrew, Albert D. (2) 1920-21; McIlhenny, E. A. (102) 1899-1935; MacIntosh, Wm. (2) 1919; Mackall, Leonard L. 1929; Mackay, Geo. H. (34) 1895-1928; Mackay, W. H. (3) 1925; McKechnie, F. B. (26) 1904-10; MacKensen, Wm. J. 1913; MacKenzie, Kenneth K. (13) 1910-17; MacKenzie, R. Tait, 1923; Maclay, Mark W., Jr. (6) 1904-05; McMahan, Walt F. (5) 1916; McManus, Reid, Jr. 1935; MacMillan, W. T. 1924; McMullen, T. E. (6) 1933-36; MacNamara, Chas. (2) 1922; Macneille, Marion C. (3) 1931-32; Macoun, John (2) 1900-03; MacPherson, James, 1916; MacReynolds, Geo. (17) 1913-37; McSpadden, J. Walker (2) 1916;

Maddoch, Emeline (27) 1913; Madison, H. L. (5) 1917-29; Madeira, Percy C. (3) 1917-22; Magee, David M. 1913; Magee, M. J. (24) 1921-35; Mailliard, Joseph (43) 1900-36; Main, John S. (3) 1930-36; Major, Charles Immanuel Forsyth, 1897; Malloch, J. R. 1922; Malmud, R. S. 1926; Malone, Dumas, 1934; Manchester, Edwin R. 1916; Mann, P. B. 1904; Mann, William M. (2) 1912-26; Maples, James C. 1913; Marble, Richard M. (2) 1923-26; Marburger, Clifford (3) 1925; Marchand, Henri, 1916; Marckres, Geo. M. 1918; Maris, Willard L. (3) 1894-95; Markley, (Mrs.) Charles, 1926; Marriott, Margaret (2) 1900; Marsden, Henry W. 1914; Marsh, Lora A. 1927; Marshall, E. O. 1917; Marshall, Edward W. (2) 1937; Marshall, John (2) 1909; Martin, A. S. (8) 1904-25; Martin, D. S. (2) 1914; Martin, Edward, 1921; Martin, R. H. 1916; Martin, Ruth W. 1936; Martin, W. N. (2) 1920; Martindale, Thos. (3) 1913-15; Marx, Edw. J. F. (16) 1907-16; Marx, George (6) 1889-90; Marye, Wm. B. 1928;

Mason, C. Russell (7) 1913-37; Mason, Geo. C. (5) 1928-29; Mason, Geo. E. (3) 1910-22; Mason, Samuel, Jr. (3) 1916-36; Master, A. G. (2) 1922; Matheson, Robert (3) 1912; Mathews, Gregory M. (59) 1912-36; Matlack, B. K. (3) 1925; Matlack, Edward G. (2) 1922-23; Mattern, Edwin Stuart (6) 1912-16; Matthew, W. D. (11) 1901-24; Maulé, Wm. M. 1901; Maxon, Wm. R. (2) 1924; Maxwell, J. 1912; May, Franklin H. (2) 1935-36; May, John B. (13) 1929-30; Mayand, Noël (3) 1929-30; Mayer, Charles R. 1922; Mayhew,

Elisabeth H. 1920; Maynard, C. J. (2) 1900; Maynard, (Mrs.) Edith Clark, 1916; Maynard, Herbert E. 1932; Mayr, Ernst (11) 1930-34;

Mearns, Edgar A. (15) 1899-1916; Medsger, Oliver P. (2) 1910-19; Meehan, Joseph, 1914; Meehan, Thomas, 1895; Meehan, Wm. E. (3) 1913-15; Mehely, L. de, 1910; Meinertzhagen, R. (3) 1923-25; Meise, W. (2) 1928-37; Meixner, J. E. 1922; Melcher, (Mrs.) Charles W. (3) 1931; Mellinger, Enos O. 1931; Melville, Geo. W. (2) 1902-11; Mendall, Howard L. 1935; Menegaux, A. (8) 1918-28; Mengel, G. H. 1917; Mengel, Levi W. (20) 1899-1935; Mercer, Berton, 1905; Mercer, E. LeRoy, (2) 1918-29; Mercer, H. C. n. d.; Mercer, Martha, n. d.; Meredith, H. B. 1924; Meredith, P. (2) 1935; Merriam, Florence A. (2) 1898; Merriam, Henry F. (4) 1917; Merriam, John C. (13) 1903-21; Merrill, D. E. (4) 1912-35; Merrill, Elmer D. (2) 1901; Merrill, Geo. P. (8) 1897-1900; Merriman, R. Owen, 1923; Mershon, Wm. B. (14) 1918-35; Messenger, G. H. (3) 1905-10; Metcalf, Margaret M. 1925; Metcalf, Z. P. 1929; Meyer, A. B. (2) 1899; Meyers, F. Guy, 1900;

Michael, Chas. W. (2) 1921-22; Micka, Frank, 1916; Micholson, W. 1929; Middleton, Raymond J. (16) 1918-36; Miller, Alden H. (3) 1933-35; Miller, C. R. (2) 1913; Miller, Carrie Ella (9) 1919-22; Miller, Chas. W. (2) 1911-13; Miller, James H. n. d.; Miller, Julia (4) 1922-24; Miller, Julian R. (8) 1914-21; Miller, Lena S., 1927; Miller, Leo E. (2) 1912-19; Miller, Leslie, 1916; Miller, Loye (3) 1932; Miller, Mary Mann (3) 1922-23; Miller, Milo, 1925; Miller, (Mrs.) Olive Thorne (19) 1896-1900; Miller, Richard F. (50) 1894-1927; Miller, Waldron D. W. (57) 1908-29; Mills, David C. 1927; Mills, Dudley H. (2) 1930; Millsbaugh, C. F. (4) 1900-20; Miner, Manly Forrest (17) 1925-32; Miner, Roy (3) 1917-30; Mitchell, Horace H. 1913; Mitchell, James, 1913; Mitchell, Margaret H. 1930; Mitchell, W. G. 1926; Mitchell, W. I. (2) 1922; Mix, Grace N. 1923;

Moffat, Earl E. 1916; Moffett, Caroline T. (30) 1922-36; Moffitt, James (2) 1927-31; Momiyama, Toku T. (3) 1928; Monk, Harry C. (2) 1924; Montgomery, James A. (2) 1921-24; Montgomery, Priscilla B. (4) 1912-13; Montgomery, Thomas H., Jr. (30) 1891-1911; Montgomery, Thomas L. (6) 1914-28; Moon, Joachim R. (2) 1899-1922; Moore, Clarence B. (33) 1896-1926; Moore, Elizabeth P. n. d.; Moore, George, 1919; Moore, Harvey (10) 1934-37; Moore, J. Percy (25) 1891-1932; Moore, Philip H. (3) 1905-06; Moore, Robert Thomas (125) 1908-37; Moore, Wm. H., 1929; Moorehead, Warren King, 1916; Morgan, Harriet Sage, 1925; Morgan, (Mrs.) Randal, 1921; Morgan, S. St. J. (4) 1925; Morgan, T. H. (2) 1900-19; Morley, Christine C. 1914; Morris, Benj. P. 1907; Morris, E. L. 1913; Morris, Effingham B. (4) 1929-36; Morris, George Spencer (85) 1890-1921; Morris, Robert E. (2) n. d.; Morris, Robert O. (12) 1912-23; Morris, Roland S. 1927; Morrison, Harold (4) 1934-35; Morrison, John L. 1925; Morrison, Murdo (2) 1925; Morse, Albert P. 1925; Morse, George W. 1925; Morse, Silas R. (83) 1903-15; Morss, Charles B. (2) 1917; Morton, F. S. 1909; Morton, Thomas G. 1896; Moseley, E. L. (6) 1896-1932; Mousley, H. (109) 1915-36; Mowrey, J. H. 1920; Moyer, John Wm. (2) 1930-31;

Mueller, Carl E. 1935; Mueller, Walter J. (2) 1933-34; Mulford, Fanny A. 1905; Mumbauer, Joseph R. (6) 1908-20; Mumford, A. W. 1915; Mumford,

Edward W. (11) 1918-36; Munro, Hugh F. 1917; Munro, J. A. (7) 1917-36; Murdock, John (3) 1907-24; Murgatroyd, James K. 1901; Murie, O. J. (6) 1919-29; Murlin, J. R. (2) 1902; Murphey, Eugene E. (2) 1911-22; Murphy, Mr. 1918; Murphy, Caroline West (3) 1902; Murphy, John A. 1905; Murphy, Robert Cushman (105) 1909-37; Murphy, (Mrs.) Robert Cushman (2) 1927; Murray, F. F. (3) 1924; Murray, James J. (15) 1928-32; Murray, (Mrs.) James J. 1928; Muschamp, Edward A. (5) 1929-33; Musselman, T. E. (4) 1929-35; Myers, Anna B. 1921; Myers, Everett C. 1924; Myers, Harriet William (2) 1915-22;

Napier, E. 1920; Nash, Geo. V. 1908; Nauman, E. D. 1922; Naumberg, Elsie M. B. (15) 1923-34; Nearing, G. G. 1920; Nehrling, H. (6) 1915-34; Nelson, E. W. (147) 1898-1934; Nelson, James A. 1903; Nelson, Julius, 1890; Newcomb, C. H. (4) 1920-36; Newell, Wilmon, (2) 1898; Newman, Robt. J. 1935; Newton, Alfred (28) 1897-1907; Nice, Margaret M. (33) 1921-30; Nichols, Geo. E. (5) 1912-32; Nichols, John Treadwell (59) 1907-36; Nichols, L. Nelson (3) 1911-21; Nicholson, Donald J. (18) 1908-30; Nicholson, Marion C. (2) 1929-31; Nicholson, Nevin G. (2) 1921; Nieuwland, Julius A. 1934; Nissen, Claus, 1936; Noble, G. K. (10) 1914-36; Noble, Heatley, 1900; Noble, (Mrs.) W. B. (2) 1916; Nolan, Edw. J. (7) 1901-17; Norris, J. Parker (4) 1891; Norris, Joseph Parker, Jr. (7) 1895-1919; Norton, Arthur H. (30) 1898-1935; Nostrand, Esther, n. d.;

Oliver, Daniel, 1921; Olivier, J. (3) 1930-31; Olsen, Richard E. 1934; Ortenburger, A. I. (5) 1922-25; Osborn, Henry Fairfield (19) 1905-35; Osbourn, Samuel E. 1935; Osgood, Wilfred W. (78) 1898-1936; Otis, J. P. (6) 1912-15; Overholts, L. O. 1921; Overing, Robert, 1936; Owen, Frederick U. (2) 1903;

Pack, Arthur N. 1935; Pack, Herbert J. (2) 1910-16; Packard, Fred M. (2) 1936; Packard, Winthrop (2) 1927; Packer, Jesse E. (3) 1920; Paff, Wm. A. 1929; Page, Chas. C. (29) 1933-36; Paley, Robin Lucian, 1914; Palmer, Elizabeth Day, 1933; Palmer, Ralph S. (2) 1936; Palmer, Samuel C. (38) 1901-26; Palmer, T. Chalkley (9) 1905-33; Palmer, Wm. (18) 1894-1920; Paret, T. Dunkin (2) 1909; Park, Will K. 1893; Parker, G. H. (11) 1906-07; Parker, H. L. 1925; Parker, Harry Green (12) 1900-04; Parker, (Mrs.) Harry Green, n. d.; Patten, C. J. 1930; Patterson, Henry C. 1931; Patterson, Wm. (12) 1890-95; Paulmier, F. C. (3) 1905; Paulsen, Ove (2) 1913-15; Paxson, Henry D. 1927;

Peabody, P. B. (13) 1906-34; Pearl, Raymond (6) 1905-15; Pearse, Theed (8) 1907-36; Pearson, Leonard S. (21) 1907-17; Pearson, Roderick G. 1936; Pearson, T. Gilbert (159) 1901-36; Peck, E. B. 1934; Peet, Max M. (8) 1913-36; Pellene, Marion J. (2) 1922; Pembert, F. T. (2) 1912-13; Pember, Karl Albrecht (4) 1921-24; Pemberton, J. R. (3) 1917-22; Penard, Thomas E. (18) 1913-27; Pennell, F. W. (34) 1900-31; Pennell, (Mrs.) F. W. 1922; Pennell, Howard Y. (7) 1900-11; Penniman, Josiah H. (2) 1918-24; Pennock, A. J. n. d.; Pennypacker, J. T. (3) 1900-11; Penrose, Boies (5) 1900-21; Penrose, Charles B. (27) 1916-23; Penrose, R. A. F., Jr. (12) 1908-26;

Penrose, Geo. Wharton (4) 1927-32; Pepper, Wm., Jr. (6) 1916-32; Perine, Keble, 1927; Perkins, Anne E. (13) 1920-31; Perkins, Saul E., III (4) 1924-37; Perot, Robeson Lea (2) 1934; Perry, Helen C. 1916; Peterkin, Fred P. (3) 1934-35; Peters, Harold S. (3) 1926-31; Peters, James L. (81) 1916-37; Peters, John P. 1912; Peterson, O. A. (3) 1903-08; Peterson, Roger T. (2) 1936; Pettingill, Olin Sewall, 1935; Pettit, Katherine (4) 1921; Peyton, Harry, 1915;

Phair, George, n. d.; Philipp, Allan R. 1937; Philipp, Frederick B. 1935; Philipp, P. B. (9) 1909-11; Phillips, Alex. H. (6) 1894-1925; Phillips, Charles L. (7) 1912-35; Phillips, John C. (99) 1912-31; Phillips, John M. (2) 1917-24; Phillips, R. J. 1915; Pickens, A. L. (7) 1925-29; Pickwell, Gayle B. (4) 1925-27; Pierce, Fred J. (4) 1924-36; Pike, Eugene R. 1931; Pilling, George P., 4th, n. d.; Pilsbry, Henry A. (7) 1903-32; Pilsbry, (Mrs.) Henry A. 1903; Pinchot, Gifford (4) 1920-30; Pindar, L. Otley, 1924; Pinto, Oliverio (2) 1936; Piper, C. V. (4) 1916-20; Pirnie, Miles D. 1921; Pitman, C. R. S. (2) 1929-33; Pittman, H. H. 1926; Plath, Karl (2) 1919-32;

Poliakow, Gregorius T. (2) 1912-14; Poole, Alfred D. (12) 1900-08; Poole, Frazer G. 1935; Pollard, Charles Louis (4) 1901-03; Pope, Alexander, 1902; Portenzo, L. (2) 1936; Posson, Neil F. 1898; Potter, F. Wayland (4) 1921; Potter, Julian K. (18) 1911-36; Potter, Laurence, 1936; Pough, Richard H. (6) 1936; Powers, Wm. H. 1935; Poyser, (Mrs.) Worth A. (2) 1914-30; Poyser, Worth A. (12) 1906-30; Pratt, Henry S. (4) 1922; Preble, Edward A. (17) 1896-1936; Prendergast, James F. (4) 1902-14; Presnall, Clifford C. 1935; Pretz, Harold W. (3) 1910-18; Price, W. W. 1900; Prickett, Myra W. 1908; Priest, Cecil D. 1930; Prince, (Mrs.) W. V. (4) n. d.; Procter, Wm. 1932; Pumyea, Nelson DeWitt, (9) 1916-34; Purdie, Evelyn, 1913; Purdie, H. A. (32) 1893-1910;

Quattlebaum, W. Dan, 1929;

Ramirez, Nelson, 1935; Ramsden, Chas. T. (3) 1912-15; Ramsay, Edw. P. 1898; Rand, A. L. (2) 1935; Rand, Edw. L. (3) 1904-12; Rand, Theodore D. (2) 1892-1900; Ratcliffe, Ralph, 1932; Rathbun, Frank R. 1890; Rathbun, Mary J. (12) 1901-13; Rathbun, R. (8) 1901-17; Rathbun, S. F. (37) 1915-35; Raub, M. W. (3) 1894-95; Ravenel, W. de C. (5) 1902-24; Rawle, Francis, 1927; Rawle, Francis Wm. (6) 1907-10;

Rea, Paul M. (20) 1908-15; Reagan, Albert B. (2) 1915-16; Reath, B. Brannan (2) 1928; Redfield, Alfred Clarence (14) 1907-12; Redfield, Elisa W. (3) 1898-1905; Redington, Paul G. (27) 1927-32; Redurine, Dan A. 1934; Reed, Bessie Price (2) 1924; Reed, Charles K. (3) 1902-04; Reed, Chester A. (4) 1904-08; Reed, H. D. n. d.; Reed, J. Harris (41) 1890-1903; Regar, H. Severn (12) 1916-22; Rehder, Alfred (3) 1920-21; Reichenberger, Elsie M. B. (7) 1922-23; Reichenow, A. (3) 1901-12; Reichner, Henry H. 1923; Reid, A. L. 1934; Reid, (Mrs.) Bruce, 1923; Reiff, John T. 1913; Reighard, Jacob, 1915; Reilly, F. K. 1925; Relyea, Gladys M. 1935; Rementer, Edw. L. n. d.; Remington, A. 1909; Renshaw, Graham (6) 1902-22; Renshaw, Mary H. 1913; Rentschler, Harry F. 1922; Rett, F. W. 1918; Reynolds,

## Coll. 450 (cont.)

Theodore E. W. 1914; Rhoads, Beulah M. 1914; Rhoads, Caroline N. 1892; Rhoads, Charles James (25) 1891-1925; Rhoads, E. Clinton, 1926; Rhoads, Effie C. 1920;

Rice, James E. 1915; Rice, James Henry, Jr. (13) 1913-32; Rice, R. C. 1905; Rich, Marc C. (5) 1932-36; Rich, Wm. North, 1925; Richards, Harriet E. 1911; Richards, Viola F. 1919; Richardson, Anna, 1920; Richardson, C. H., Jr. (2) 1906-08; Richardson, Emma B. 1934; Richardson, Harriet, 1902; Richardson, James E. n. d.; Richardson, J. L. 1921; Richardson, Russell, Jr. (2) 1926; Ricker, Daniel J. (2) 1935-36; Ricker, P. L. (3) 1916-18; Riddle, Lincoln W. 1910; Ridenour, Chas. E. (2) 1891-1923; Ridge, W. H. (2) 1905-08; Ridley, Edwin (4) 1917-25; Ridsdale, P. S. 1923; Rife, Charles C. (2) 1909-13; Riis, Paul B. 1924; Riley, Charles (5) 1914-24; Riley, Chas. Valentine, 1888; Riley, J. H. (25) 1899-1934; Rines, Geo. E. (11) 1903-19; Ringwalt, Jane E. (2) 1915; Rishel, J. B. 1924; Ritchie, James, 1929; Ritter, Wm. E. (3) 1933; Rives, Wm. C. (6) 1899-1917; Rizer, H. C. (2) 1915-17;

Robb, Wallace Havelock (4) 1926-28; Robbins, C. A. n. d.; Robbins, Chas. S. (3) 1911-16; Roberts, F. L. R. (2) 1929; Roberts, H. Radclyffe (5) 1926-34; Roberts, Isaac G. (40) 1909-35; Roberts, Thomas S. (60) 1898-1936; Roberts, Wm. Ely (24) 1902-26; Robertson, Howard, 1925; Robeson, Katherine Morgan (3) 1936-37; Robins, Edward (5) 1913-17; Robins, Thomas, 1919; Robinson, Anthony W. (6) 1911-35; Robinson, B. L. (2) 1904; Robinson, H. W. n. d.; Robinson, M. 1926; Robinson, Wm. Duffeld (2) 1920; Robinson, Wirt (6) 1898-1925; Roddy, H. Justin, (22) 1893-1927; Rodes, L. A. (2) 1925; Rodman, J. Stewart, 1926; Roe, Charles M. (2) 1915-16; Rogers, Charles H. (34) 1905-35; Rogers, William, 1894; Roland, Conrad K. (26) 1918-37; Rolinson, Herbert C. (2) 1900; Rolland, F. 1927;

Romero, Juan Martiner, 1927; Romig, H. M. 1915; Roney, H. B. n. d.; Roney, William J. (4) 1919-20; Rood, E. Irene, 1893; Rooney, M. W. n. d.; Roosevelt, Theodore (5) 1912-13; Roper, Kenyon, n. d.; Roper, Wm. H. 1914; Rose, J. N. 1904; Rosen, Victor H. 1925; Rosenberg, W. F. H. (4) 1907-17; Rosene, W. M. 1935; Rosengarhere, George D. 1932; Rosengarten, J. G. 1914; Ross, Reuben J. (2) 1928-29; Ross, (Mrs.) A. B. 1926; Ross, Lucretius H. (3) 1913; Rothermel, J. G. (4) 1903-15; Rothrock, Boyd P. (13) 1914-24; Rothschild, Walter (4) 1898-1914; Rotzell, Willett E. (12) 1891-1904; Roviroso, José N. 1901; Rowan, William (28) 1920-33; Rowley, John (2) 1907-08; Royer, B. F. 1916; Rummel, Geo. J. 1902; Runcie, G. T. (2) 1924-25; Ruschenberger, W. S. W. (2) 1891-93; Rusling, William J. 1935; Russell, Randolph P. (3) n. d.; Ruthven, Alexander G. (18) 1906-26; Rutledge, Archibald (3) 1921-22; Rutter, Albert C. (10) 1901-17; Rydberg, P. A. (4) 1900-02;

Safford, W. G. 1912; Sage, Agnes F. n. d.; Salvador, T. (2) 1902-03; Salyer, J. Clark, 1920; Sanborn, Colin Campbell (10) 1912-30; Sands, Chas. T. (3) 1905; Sanford, Leonard C. (4) 1920; Sargent, C. S. (3) 1911-23; Sass, Herbert (10) 1907-28; Satterthwait, Elizabeth Allen, 1917; Saunders, Aretas A. (34) 1912-35; Saunders, C. F. (3) 1912-29; Saunders, George B. (3) 1932-34; Saunders, Richard C. 1937; Saunders, W. E. (36) 1899-1936;

Savage, (Mrs.) James, n. d.; Savage, James, 1925; Sawyer, E. J. 1916;  
Sayle, Mary (2) 1924;

Schaefer, Oscar F. 1924; Schaffer, Charles (5) 1894-1902; Scharff, R. S. 1907; Schauburg, R. Snowckert (2) 1928; Schauensee, R. M. de (9) 1928-33; Schell, John W. (4) 1919-21; Schioler, Eiler Lehn, 1932; Schively, Adeline F. (3) 1916-23; Schlehner, Harry W. 1915; Schmidt, Karl P. 1924; Schmitz, R. 1926; Schmohl, Gertrude Elizabeth, 1917; Schmucker, S. C. (12) 1903-19; Schoedinger, (Mrs.) G. R. n. d.; Scholl, Charles R. (2) 1923; Schorger, A. W. (26) 1917-35; Schramm, J. R. (13) 1918-33; Schroder, Hugo H. 1920; Schroeder, Ida, 1934; Schultz, Adolph H. (2) 1922-26; Schurr, Burlingham (2) 1932; Schuster, Ludwig, 1928; Schwarz, Herbert F. (9) 1923-24; Schweinitz, Geo. E. de (4) 1916-32; Sclater, P. L. (7) 1899-1911; Sclater, W. L. (43) 1908-34; Scott, Forrester H. 1921; Scott, James G. 1915; Scott, Mary Evans, n. d.; Scott, Thomas G. 1936; Scott, (Mrs.) W. B. 1901; Scott, William B. (44) 1910-27; Scott, William E. D. (15) 1902-08; Scoville, Samuel, Jr. (56) 1908-29; Scribner, Charles (3) 1917-19; Scribner, F. Lamson (3) 1899; Scudder, Heyward (2) 1915;

Seale, Alvin (4) 1897-98; Seeley, H. N. 1926; Seelinger, Edward, n. d.; Seiple, Stanley J. (2) 1929-30; Seiss, O. Few (2) 1909; Sellards, E. H. (3) 1915-16; Sellers, Coleman (2) 1898-99; Sellers, M. G. 1915; Selous, Edmund (3) 1916-17; Semple, John B. (4) 1929-36; Serie, R. 1924; Serrill, Wm. J. (17) 1891-1925; Seton, Ernest Thompson (30) 1907-28; Setser, V. G. 1933; Severance, Henry O. 1931; Seymour, Ellis Gray (2) 1904;

Shadle, Albert (2) 1930; Shafer, Gertrude, 1924; Shafer, Williard, 1913; Shallcross, J. A. 1913; Sharp, Barton L. n. d.; Sharp, Benj. (11) 1897-1910; Sharpe, Richard Bowdler (7) 1894-1908; Sharma, M. P. 1934; Sharples, Robt. P. (42) 1905-25; Shaver, Jesse M. (5) 1930-33; Shaw, Charles B. 1936; Shaw, T. H. (3) 1929-30; Shaw, Wm. T. (6) 1924-36; Shear, C. L. 1934; Sheldon, Harry H. 1924; Shelford, V. E. 1933; Shelley, Lewis O. (4) 1930-35; Shelton, F. H. (19) 1912-24; Shepherd, C. E. 1918; Sheppard, R. W. (3) 1933-36; Sheppard, Wm. H. C. 1914;

Sherborn, C. Davis, 1891; Sherman, Althea R. (19) 1912-32; Sherman, Franklin (2) 1927-29; Sherman, John D., Jr. (4) 1919; Sherrin, T. V. 1921; Sherwood, Geo. H. (3) 1929-33; Shields, Catherine G. 1935; Shipley, Agnes G. E. (4) n. d.; Shipley, Walter Penn, 1922; Shiras, George (2) 1907-16; Shirk, J. K. 1921; Shoemaker, Henry W. (18) 1914-31; Shoffner, Chas. P. (14) 1914-28; Short, Ernest H. 1909; Short, John C. 1909; Shrigley, John M. (2) 1910; Shreve, Forrest, 1908; Shriner, Charles A. (21) 1896-1900; Shryock, Wm. Knight (56) 1892-1932; Shull, Geo. H. (7) 1902-26; Shufeldt, Percy, 1899;

Sibley, Walter G. 1901; Sickler (Mrs.) Wm. (3) 1914; Silliman, O. P. (5) 1914; Silver, Arthur E. 1913; Silvester, C. F. 1912; Sim, Robt. S. (2) 1922; Simmons, Geo. Finlay (20) 1914-28; Simpson, Edwin I. 1926; Simpson, R. B. (13) 1909-26; Simpson, T. R. 1925; Sinclair, Wm. J. 1916; Skiff, F. J. (9) 1900-18; Skinner, Henry (9) 1912-18; Skinner, Kenneth L. (2) 1920-26;

Skinner, M. P. (4) 1922-34; Skovgaard, P. (2) 1927; Skutch, Alex. F. (7) 1929-33; Skutch, (Mrs.) Robt. F. 1933; Slack, (Mrs.) T. A. n. d.; Slawson, Edward D. 1924; Slosson, Edwin E. 1907;

Small, John Kunkel (11) 1901-34; Smetz-Monder, J. G. 1919; Smith, A. Russell (2) 1921-26; Smith, Alfred, 1921; Smith, Austin Paul (4) 1912-32; Smith, Benj. H. (4) 1898-1917; Smith, Burnett (5) 1911-17; Smith, C. E. (2) 1894-1900; Smith, C. Edwin (14) 1914-35; Smith, Edgar Fahs (7) 1912-16; Smith, Edwin Z. 1905; Smith, Frank R. 1935; Smith, G. Byron, 1904; Smith, Gertrude H. (2) 1923; Smith, H. M. (6) 1897-1904; Smith, Harlan I. (2) 1906; Smith, Harvey J. 1924; Smith, Herbert A. 1922; Smith, Horace G. 1907; Smith, J. A. C. 1910; Smith, Jean Margaret, 1921; Smith, John B. (5) 1890-1910; Smith, Kirk, 1925; Smith, L. I., Jr. (4) 1901-02; Smith, Lewis MacCuen (3) 1928-30; Smith, M. B. 1910; Smith, M. Louise, 1917; Smith, Napier, 1921; Smith, Robert A. n. d.; Smith, W. Gordon (4) 1899-1903; Smith, Wendell P. 1921; Smithson, A. F. 1913; Smyth, Ellison A., Jr. (10) 1905-25; Smyth, Thomas, 1929; Snouckaert van Schauburg, N. 1921; Snow, Grace M. 1924; Snyder, L. L. (13) 1919-35; Snyder, L. R. 1919; Snyder, W. E. (14) 1899-1926; Snyder, Wallace J. (4) 1916;

Sonnerberg, Walter (4) 1906-10; Soper, J. Dewey (12) 1918-33; Sorenson, Fred K. (3) 1900-02; Sornborger, Jewell D. (7) 1909-19; Sotheran, Henry, 1916; Southwick, James M. 1899; Sowden, Lee (2) 1917; Spaeth, Reynold A. (7) 1911-24; Spaid, A. R. (7) 1901-25; Sparks, Wm. S. 1930; Spangler, C. Anthony, 1925; Spaulding, Nina G. (2) 1929-31; Spelman, Henry M., Jr. 1914; Spencer, Clementina S. 1919; Spencer, Theodore, Jr. 1917; Spiker, Chas. J. (2) 1931-36; Springs, Wm. L. (3) 1923-25; Sprinkle, Wm. M. 1919; Sprunt, Alexander, Jr. (59) 1925; Spurgeon, John J. 1916; Squires, W. A. (7) 1923-31;

Stack, Frederic W. (7) 1902-09; Stafford, Earle F. 1912; Standley, Paul C. 1920; Stanfield, Robt. N. 1926; Stanford, H. P. (2) 1914; Stanford, J. S. 1931; Stansell, Sidney S. S. 1922; Stanton, F. W. 1931; Stanton, T. W. (3) 1896-97; Stanwood, Cordelia J. (4) 1916-23; Stark, T. B. 1919; Stearns, Geo. A. 1923; Steele, Asa, 1918; Steele, Dorothy B. 1921; Steele, Hallie T. 1901; Steele, Henry B. 1919; Steele, Jack, 1919; Steele, John H. (7) 1903-06; Steinbach, José, 1926; Steire, J. B. 1902; Stejneger, Leonhard (48) 1892-1926; Stephan, David E. 1921; Stephan, S. A. 1914; Stephens, Frank (4) 1904-05; Stephens, Jane (2) 1910-11; Stephens, T. C. (14) 1909-36; Stephenson, Louise McG. (7) 1900-02; Sterling, E. B. (2) 1901; Sterner, George, 1914; Sterner, Lewis G. (5) 1925-32; Sterrett, Samuel J. 1910; Stetson, Sereno, 1925; Stevens, F. L. 1919; Stevens, G. W. 1915; Stevens, O. A. (4) 1931-36; Stevenson, James 1931; Stevenson, W. Lawrie (2) 1919; Stewart, Douglas, 1913; Stewart, Paul A. 1925; Stewart, R. Hays, 1921;

Stickney, Gardner P. (2) 1923-24; Stiles, C. W. (37) 1905-36; Stillwell, Jerry E. (5) 1935-36; Stivers, Chas. G. 1919; Stockhausen, P. C. 1912; Stockum, Norman J. 1917; Stoddard, Herbert L. (10) 1915-30; Stokes, F. W. (5) 1934; Stokes, John F. G. (11) 1915-19; Stokes, Joseph (2) 1911-12; Stone, Clarence F. (2) 1911-16; Stone, Edward R. (3) 1918-24; Stone, Hugh

E. (39) 1893-1929; Stone, Witmer (20) 1896-1924; Stoner, Dayton (18) 1920-34; Stoner, Emerson A. (5) 1931-33; Storer, Tracy I. (11) 1914-30; Stoudt, John Baer, 1925; Stover, A. J. (2) 1913; Stowell, W. A. (3) 1916; Stradling, Geo. F. (14) 1887-1925; Strang, W. M. n. d.; Strecker, John K., Jr. (5) 1908-27; Streeper, Edward V. 1934; Street, J. Fletcher (41) 1904-37; Stresemann, Erwin (13) 1920-37; Strong, R. M. (56) 1899-1936; Struthers, Parke H. (4) 1922-26; Stuart, Edward T., Jr. 1925; Stuart, Geo. H. (19) 1895-1937; Stuart, Robt. Y. (3) 1926-30; Stubbs, Arthur P. (4) 1913-27; Stubbs, Chas. H. 1919; Sturdivant, J. J. 1902; Sturtevant, Edward, 1907; Styer, Elizabeth P. (9) 1917-33; Styer, J. Franklin, 1918; Styer, Katherine R. (21) 1903-22;

Suchetet, A. (2) 1890-93; Sugden, John W. 1935; Sullivan, Walter F. (3) 1924-25; Summers, Ewing, 1915; Sumner, E. L., Jr. (3) 1927-29; Sumner, F. B. (2) 1920-24; Surface, H. A. (41) 1898-1932; Sushkin, Peter P. (4) 1925; Suthard, J. G. 1936; Suthard, James (3) 1925-26; Sutton, Geo. Miksch (111) 1916-37; Svihla, Arthur (3) 1930-31; Swain, J. Merton (5) 1902-13; Swain, W. Moseley (2) 1898-99; Swain, Walter M. 1920; Swales, Bradshaw H. (18) 1903-24; Swann, H. Kirke (6) 1920-24; Swanson, Gustav (5) 1929-37; Swarth, Harry S. (68) 1907-35; Swayne, W. W. 1908; Swenk, Myron H. 1916; Swing, M. Ella, 1910; Swisher, Florence, 1925; Swope, Eugene (3) 1914-23;

Taber, Wm. B., Jr. (2) 1927-28; Tafel, G. H. (2) 1908; Taggart, Walter T. 1914; Taka, Takasa N. 1924; Talbot, L. R. 1922; Talbot, Mignon, 1913; Tanner, James, 1922; Tate, G. H. H. 1922; Tatnall, S. A. (2) 1920-22; Tattersall, W. M. 1915; Tatum, Joseph W. (16) 1897-1935; Taunay, Alfonso de, 1919; Taverner, P. A. (83) 1906-36; Tavistock, (2) 1930-34; Taylor, A. O'D. (6) 1924-34; Taylor, Edward, 1919; Taylor, H. R. (3) 1895-1905; Taylor, J. E. (3) 1913-14; Taylor, John, 1893; Taylor, Norman (7) 1910-15; Taylor, (Mrs.) Perry E. 1925; Taylor, W. J. (2) 1912-13; Taylor, Walter (19) 1912-29; Taylor, Warren (8) 1920-28; Taylor, Wm. G. 1931;

Teachemot, Dix (4) 1921-24; Terrell, Clyde B. (2) 1918-20; Terres, J. Kenneth (7) 1934-36; Terrill, L. McI. (3) 1920-31; Terry, Elizabeth, 1923; Terry, Frank, 1923; Terry, R. J. (3) 1931-33; Thayer, Abbot H. (11) 1913-17; Thayer, J. E. (18) 1904-34; Thayer, Walker (3) 1923; Thomas, C. Aubrey, 1914; Thomas, Emily H. (10) 1901-17; Thomas, Joseph, 1894; Thomas, Oldfield (5) 1915-21; Thomas, Richard (3) 1916-17; Thompson, C. B., n. d.; Thompson, C. E. 1913; Thompson, Chas. N. (2) 1916; Thompson, Eliz. B. n. d.; Thompson, Ernest E. 1893; Thomson, A. L. 1924; Thomson, John, 1910; Thornby, J. J. (2) 1916-19; Thowless, Hubert, 1919; Thurston, H. (17) 1912-21; Thwaites, R. G. (2) 1903-05; Thwing, G. 1922;

Ticehurst, C. B. 1937; Tittman, George, 1931; Todd, W. E. Clyde (117) 1891-1936; Toland, E. D. 1914; Tomkins, I. R. (7) 1929-36; Toothaker, C. R. (2) 1914-19; Torrey, B. 1903; Tourison, E. 1917; Tower, R. W. 1917; Towers, I. L. 1934; Towne, S. R. 1926; Townsend, C. C. (6) 1908-14; Townsend, C. H. (15) 1893-1932; Townsend, C. W. (94) 1903-34; Townsend, T. F. 1907; Townsend, W. P. 1894; Tracy, (Mrs.) D. H. 1930; Trainner, I. 1916; Traub, H. P. (2) 1933; Trautman, M. B. (3) 1930-36; Trautwine, W.

## Coll. 450 (cont.)

1918; Treat, W. E. (2) 1894-1900; Tregauza, (Mrs.) A. O. 1922; Trelease, Wm. 1898; Trimble, Ruth, 1935; Tristram, Annie (6) 1906-07; Trotter, Spencer Lee (5) 1923-37; Trotter, William (20) 1899-1927; Trout, S. Edgar, 1925; Trowbridge, Chas. (3) 1914; Trudeau, F. B. 1917; True, F. W. (42) 1892-1914; Trumbull, G. (2) 1887-88; Tryon, A. (2) 1900; Tryon, E. K. 1919;

Tucker, Henry (20) 1912-24; Tucker, Katherine (3) 1919; Turgeon, A. 1925; Turnbull, C. S. n. d.; Turner, Francis, 1913; Turner, H. 1913; Tuttle, H. E. (4) 1919-30; Twaddell, F. L. (3) 1905-08; Twinning, F. S. 1926; Twitchell, A. H. 1924; Tuomey, A. E. 1932; Tuomey, D. 1934; Tyler, B. P. (4) 1904-06; Tyler, C. S. (2) 1900; Tyler, D. T. A. (2) 1919; Tyler, John G. (2) 1915; Tyler, Winson W. (19) 1913-33; Tyrrell, W. B. (5) 1929-30; Tyson, Carroll B. (2) 1922; Tyson, Carroll S., Jr. 1928;

Ulke, Titus, 1935; Undercuffler, Edwin T. 1919; Underdown, Eliot (14) 1928-32; Underdown, Henry T. (8) 1921-32; Underwood, C. F. 1933; Underwood, Kenneth (2) 1924; Urner, Charles A. (41) 1920-37; Urquhart, Wynn, 1925;

Valentine, Anna J. (3) 1921-22; Van Cleve, M. R. 1916; Van Denburgh, John (7) 1901-24; Van der Veen, P. Y. Bolleman, 1914; Van der Wielen, Adolf B. 1903; Van Dyke, Edwin C. 1919; Van Dyke, Henry, 1907; Van Dyke, T. Kittera, 1912; Van Hynning, T. (2) 1928-31; Van Ingen, Gilbert, 1905; Van Name, Willard G. (5) 1920-31; Van Oordt, G. J. (2) 1924-25; Van Pelt, S. S. (3) 1907-08; Van Riper, F. S. (3) 1905-12; Van Roosen, A. J. (15) 1928-36; Vansant, Belle (24) 1902-14; Van Tyne, Josselyn (33) 1925-36; Varnum, Nelson E. 1913; Vaughan, S. A. 1916; Vaughan, T. Wayland (5) 1898-1901; Vaux, George, Jr. (12) 1900-20; Vaux, Wm. S. 1906;

Veiga, J. A. (4) 1923; Verlenden, James S. 1936; Verplanck, M. C. (4) 1930-31; Viereck, H. L. (7) 1913-22; Vinal, Wm. G. 1923; Visher, Stephen Sargent (3) 1912-13; Voelker, C. 1912; Voelker, Chas. A. (11) 1891-1920; Vogt, Wm. (51) 1928-37; Volcker, Paul A. 1927; Von der Leith, T. R. 1917; Von Lengerke, Justus (2) 1924-26; Vorhees, C. 1924; Vorse, A. O. (4) 1925-26;

Wackwitz, Clara L. 1919; Waddington, Jennie F. (2) 1915; Wade, Joseph M. (3) 1900-01; Wade, Jos. S. (5) 1933-34; Wadsworth, M. E. (2) 1921; Wager-Smith, E. (3) 1902; Waite, F. C. 1896; Walcott, Charles D. (10) 1901-26; Waldron, Helen, 1932; Walker, Isabella (2) 1920; Walkinshaw, Lawrence H. (5) 1934-36; Wallace, Geo. J. 1935; Wallace, H. A. 1937; Wallace, Wm. A. 1915; Walsh, Lester L. 1935; Walter, Alice Hall, 1933; Walter, Emma, 1949; Walter, H. E. (2) 1907-08; Walters, Frank (2) 1927-29; Walters, Leon L. (2) 1917-18; Ward, Frank A. (5) 1900-19; Ward, Henry B. 1901; Ward, Henry L. (4) 1901-13; Wardle, H. Newell (3) 1917-19; Ware, Cora S. (2) 1911;

Warner, (Mrs.) Leland I. 1928; Warner, Langdon, 1922; Warren, B. H. (28) 1889-1925; Warren, Edward R. (15) 1906-36; Warren, M. Eva, 1901;

Warren, S. Reid (4) 1906-19; Warring, Lettie A. 1923; Warrington, Henry (3) 1898-1933; Warrington, Wm. H. 1933; Washburn, Oliver M. 1920; Waterhouse, F. H. 1895; Waterman, Ben. C. 1917; Watkins, L. Whitney (4) 1898; Watson, C. A. (2) 1903; Watson, John B. 1916; Watterson, Wm. H. (2) 1928-31; Watts, Harvey M. (10) 1926; Watts, R. L. (11) 1922-24; Way, Asa P. (3) 1903-24; Way, Julius, 1926; Wayne, Arthur Trezevant (116) 1891-1927;

Weaver, E. A. 1916; Webb, Walter F. (5) 1894-1900; Weber, Jay A. (2) 1915-28; Weber, Louis (2) 1907; Weber, Walter, 1935; Webster, Frank B. (3) 1904; Webster, Jennie E. B. 1924; Webster, R. L. 1930; Weg, Max (4) 1902-09; Wehrle, R. W. 1923; Weidenbacker, C. W. 1916; Weidner, Lloyd, 1917; Weikel, Wm. D. 1918; Weinberg, Ralph (3) 1907; Weiss, Harry B. (4) 1926-28; Welch, Wm. H. 1906; Wellman, Gordon Boit, 1929; Wells, Hubert W. 1913; Welsh, Chas. B. 1920; Welsh, Robt. F. (2) 1925-29; Welter, W. A. 1930; Wemple, Ida M. (2) 1924; Wenger, Leland I. 1928; Wenzel, C. A. 1913; Werner, W. H. (10) 1895-1912; West, Clifton, F. 1917; West, Franklin H. 1936; West, G. B. 1904; Westcott, Charles, 1929; Weston, Francis M. (16) 1913-34; Wetherby, A. G. 1891; Wetherill, W. H. n. d.; Weyant, Morrison V. R. 1932; Weyl, Edward (3) 1927-32;

Wharton, Anna H. 1900; Wharton, Susan P. (3) 1913-15; Wharton, Wm. Redwood, 1919; Wheeler, David Everett (5) n. d.; Wheeler, (Mrs.) David Everett, 1919; Wheeler, H. E. (5) 1922-32; Wheeler, Walter S. (2) 1919; Wheeler, William C. 1924; Whitaker, (Mrs.) Albert L. 1920; Whitaker, Wm. L. (8) 1895-1900; White, C. Y. 1927; White, Caroline Earle, 1896; White, David (2) 1900; White, Edward J. 1926; White F. B. (23) 1917-36; White, Harry Gordon (20) 1890-92; White, James, 1918; White, James S. (2) 1930-35; White, S. A. (2) 1913-14; White, Stewart Edward (2) 1931; White, Walter Rhoads (3) 1903-14; Whitehurst, Derwood L. 1925; Whitesides, Edw. G. 1925; Whitlock, W. P. 1914; Whitman, C. O. 1901; Whitman, F. N. (6) 1920-29; Whitney, Harry (3) 1926; Whitney, Howard (7) 1922; Whittaker, W. A. 1923; Whittle, Charles L. (34) 1920-26; Why, Evelyn T. 1925;

Wicke, (Mrs.) Judson L. 1929; Wickersham, J. Harold (16) n. d.; Wickersham, Wm. F. 1908; Wickham, H. F. (2) 1902-25; Wickham, M. M. 1920; Widmann, Otto (14) 1898-1931; Wierman, Sarah (4) 1900-20; Wierman, (Mrs.) Victor, n. d.; Wight, H. M. 1930; Wilcox, LeRoy (5) 1928-33; Wilde, Mark L. C. (25) 1893-1920; Wilder, Burt G. 1902; Wilder, Geo. D. (2) 1930; Wilder, H. E. (2) 1913-14; Wildman, Edw. E. (6) 1918-26; Wilcox, Joseph (4) 1902-17; Willett, G. (5) 1912-28; Willey, Day Allen, 1901; Williams, A. Bryan, 1915; Williams, Belle (8) 1915-17; Williams, Clarence R., 1926; Williams, E. F. 1911; Williams, Ellison A. 1929; Williams, H. C. 1913; Williams, Hamilton, n. d.; Williams, Henry P. 1929; Williams, Irvin C. (11) 1913-20; Williams, Laidlaw O. (2) 1921-31; Williams, R. F. (2) 1908; Williams, Robert W. (24) 1901-29; Williams, Rose C. 1917; Williams, Samuel H. 1928; Williams, Samuel Worthington (2) 1925; Williams, Susanne R. 1922;

Williamson, Charles Sumner (4) 1908; Williamson, E. B. (7) 1904-14; Williamson, Katharine B. 1921; Williamson, Mary E. (4) 1915; Williston, S.

## Coll. 450 (cont.)

W. 1903; Willits, A. P. (2) 1918; Willits, Elizabeth P. 1924; Willoughby, Hugh L. (2) 1898-1907; Wilson, Etta S. (11) 1919-34; Wilson, Gordon (9) 1921-28; Wilson, H. (2) 1893; Wilson, James, 1900; Wilson, Percy (3) 1908; Wilson, Richard, 1907; Wilson, Thomas B. 1858; Wilson, W. P. (17) 1894-1926; Windle, Francis (2) 1903-16; Winebiener, Mary R. (9) 1911; Wing, DeWitt C. 1914; Wing, Leonard W. (10) 1930-35; Wingate, (Mrs.) A. K. 1936; Wingate, Harold (2) 1899; Winkenwerder, H. A. (2) 1903-05; Winkler, W. W. 1917; Winsor, Ellen, 1925; Winsor, James D. (3) 1894-1902; Winsor, W. D. 1912; Winston, John C. (2) 1923-25; Winter, Dwight, 1921; Winters, R. S. 1902; Wisler, J. Jay (6) 1903-08; Wistar, Isaac J. (2) 1893-1903; Wister, (Mrs.) James, 1921; Wister, Owen, 1931; Wister, W. Roth, 1898; Witherby, H. F. (25) 1912-37; Witmer, Evelyn, 1917; Witmer, Francis P. (3) 1903-34; Witmer, Lightner, 1904;

Wolcott, Robert H. (23) 1900-25; Wolf, A. G. (2) 1893; Wolf, L. R. (3) 1923; Wollin, Guemer, 1925; Wood, Allen H. (2) 1923-34; Wood, Casey A. (29) 1917-32; Wood, Ellen C. 1904; Wood, Harold B. (20) 1913-36; Wood, Horace Elmer, 2d (2) 1928; Wood, Horatio C. (2) 1919-37; Wood, Merrill (4) 1931-32; Wood, Norman A. (13) 1920-28; Wood, Willmer H. 1916; Woodhouse, Sam. Washington (9) n.d.; Woodruff, E. Seymour (8) 1905-08; Woodruff, Frank M. (2) 1908-25; Woodruff, Helen C. (2) 1914; Woods, Robt. S. (5) 1926-34; Woodward, George (3) 1904; Woodward, Laura Embree, 1905; Woolman, Anna (3) 1916; Woolman, Edward (15) 1913-35; Woolman, Edward W. (3) 1919-20; Woolston, Stephen S. 1918; Worth, C. Brooke (12) 1927-37; Worthen, Chas. K. (23) 1896-1906; Worthington, Chas. C. 1913; Worthington, W. W. (3) 1911-15;

Wren, Christopher (4) 1917-18; Wright, Albert Hazen (18) 1909-20; Wright, Hannah Cresson, 1917; Wright, Horace W. (40) 1912-20; Wright, Letitia E. (2) 1921; Wright, Louise W. (7) 1917-18; Wright, Mabel Osgood (6) 1898-1908; Wright, Mary A. (10) 1920-21; Wright, Parline F. 1926; Wright, R. Ramsay, 1907; Wright, Sam. (78) 1899-1922; Wright, Wm. Redwood (2) 1913-21; Wright, Wm. T. 1910; Wyatt, Louise A. 1930; Wyckoff, Dorothy, 1925; Wylie, Amelia P. 1906; Wyman, L. E. (3) 1922; Wynne-Edwards, V. C. 1932; Wytzman, P. 1919;

Yarnall, D. Robert (2) 1923; Yarnall, Richard A. n. d.; Yarnall, Stanley R. (3) 1920-21; Yates, J. Wm., Jr. 1923; Yoder, Wm., Jr. 1921; Young, Chas. J. (4) 1921-30; Young, Fay, 1915; Young, John P. (2) 1915-17; Young, Robert T. (63) 1895-1925; Young, Wallace, 1926; Young, Wm. A. 1916; Yuncker, T. G. 1921;

Zahniser, Howard, 1936; Zieget, (Mrs.) Julius, 1926; Ziegler, Edward K. (3) 1917-21; Ziegler, Fred, Jr. (22) 1920-24; Zimmer, John T. (28) 1913-34; Zimmerman, John E. 1915; Zuckerman, Joseph (2) 1923-24.

OVERLEASE, WILLIAM ROY, 1925- Check list of rare and extinct native plants of the Wissahickon Valley, 1959. Typescript 1 item.

Education director and student botanist, prepared this list from an annotated unpublished file by John M. Fogg, Jr., and with the help of E. G. Wherry and Bayard Long, using the Academy's herbarium. Four copies were made and distributed to Fogg, Wherry, Bayard Long and the Comstock Society of Philadelphia.

Gift of Bayard Long, January 8, 1960.

Coll. 451

LEA, ISAAC, 1792-1886. Correspondence, 1818-69. 99 items.

Publisher, geologist, paleontologist and conchologist, Lea prepared his first scientific paper for the Journal of the Academy of Natural Sciences of Philadelphia in 1818. Nearly 300 scientific articles appeared above his signature before 1876. He was President of the Academy from 1858-1863 and Dean of the Wistar Association from 1858-1863. He made two European trips with his family, to attend scientific gatherings, one in 1832, the other 1852-53. Much of this correspondence pertains to persons and places connected with the trips mentioned. Perhaps not a great collection himself, he exchanged and purchased large study groups which were described and figured by him. The great controversy with T. A. Conrad over priority of descriptions of fossil shells, must be stressed in any discussion of Lea's scientific work, but little mention is made of this feud in the letters herein listed. His extensive cabinet and a small sustaining fund were donated to the U. S. National Museum.

Gift of the family.

Coll. 452

Letters copied, in part and discussed in Newton Pratt Scudder's The published writings of Isaac Lea, 1885, p. vii-lix.

Authors of letters and documents:

Bernard, Gen. 1832; Cleaveland, Parker, 1827; Cooper, James Fenimore, n. d.; Lea, Isaac, 1847; Lesueur, Charles Alexander (2) 1827; Moleón, V. de (3) 1832; Silliman, Benjamin (40) 1818-69; Vanuxem, Lardner (47) 1825-47; Wied-Neuweid, Maxmillan Alexander Phillip, prinz von (2) 1852-55.

SWAINSON, WILLIAM, 1789-1855. Papers, 1827-41. 6 items.

Naturalist, entomologist, ornithologist and conchologist, Swainson in his youth was a clerk in the Customs House in London, transferred to Malta, and then to Sicily where he lived eight years. His sojourn in the last place synchronized with Rafinesque's stay in Sicily where they shared a mutual interest in collecting plants and animals. Returning to England in 1815, he continued his avocation, publishing in various fields of Zoology. A corresponding member of the Academy from 1830, he sent reprints to this library; one such has a presentation by the author. Five original watercolors, four of shells (Murex, Phos, Lambis and two unidentified) and one of a flowering plant, drawn by Swainson, mounted as a single plate, is used as a frontispiece to his Exotic conchology, 1841.

Gift of the author.

Coll. 453

LEA, ISAAC, 1792-1886. Memoranda on Naiades, 1856-73. 6 items.

Penciled memoranda on the Unionidae; descriptions, illustrations, ecology, contents of his cabinet and geographical localities of this group of shells. Includes some opinions of other scholars, some listings from cabinets of others and some specimens collected by conchologists in various scattered parts of the world.

Name of donor not known, but notebooks were in the Conchology Department of the Academy for some time before being archived. H. A. Pilsbry's note is inserted in notebook no. 1, "Memoranda on Unionidae, Isaac Lea. Better preserve for their historic interest."  
\*Coll. 454

SAY, THOMAS, 1787-1834. Papers, 1821-96. 104 items.

A naturalist and enthusiastic collector, with special interests in shells and insects, Thomas Say began his studies in Philadelphia. He was one of the founders of the Academy of Natural Sciences and remained active in the society until he moved to New Harmony, in 1825, with William Maclure, Alexander Lesueur and Gerard Troost. There he married Lucy Way Sistare, a nature teacher and artist, who joined him in the publication of his American Conchology, Mrs. Say making the illustrations. He had already published in Philadelphia his American Entomology, for which Titian R. Peale did most of the drawings.

The collection includes biographical information and family documents, scientific correspondence, annotations to various published books, study notes and bibliographical insect references, as well as papers concerning Say's connection with the Academy.

Gifts of the author, Mrs. Lucy Say, her great niece Elvira Way Sistare, and others.  
\*Coll. 455

Signers:

Carr, Mr. 1828; Eyrees freres, Havre, May 3, 1827; Say, Thomas (11) 1825-27.

ANSP. LIBRARY. Papers, 1831-1954. 19 items.

The miscellaneous group of documents, reports, lists and evaluations of the library are here grouped together for convenience rather than for subject unity. In 1940 the Director asked all curators to give a detailed evaluation of the library holdings in his speciality. Nine such reports are in the file signed by the curators. F. W. Pennell made an additional report on the articles lacking in the field of Scrophulariaceae. A subscription list of the people who clubbed together to buy the Audubon elephant folio to donate to the Academy, in 1831 is included here, and various information lists about the manuscript holdings of the Academy, dated variously, 1940, 1954 and 1955.

The material was archived.

\*Coll. 456

Signers:

Ayer, M. Y.; Cresson, E. T., Jr.; Dunn, Emmett Reid; Gordon, S. G.; McKaig, Marjorie; Patrick, Ruth; Pennell, F. W.; Phillips, M. E.; Phillips, V. T.; Pilsbry, H. A.; Rehn, J. A. G.; Schauensee, R. M. de.

POOLE, EARL LINCOLN, 1891- Papers, 1915-37. 49 items.

Jessup scholar at the Academy, high school instructor and Director of the Reading Museum and Art Gallery, his scientific interests were in vertebrate zoology, while his cultural expression is in design and illustration of natural history subjects. Accompanied the Academy's Expedition to Guatemala and British Honduras and is presently a research associate of the Dept. of Birds. This collection includes 5 large pen and ink plates named as follows:

1. Eastern Sparrow Hawk, 2. Opossum, 3. The Virginia deer, 4. Woodchuck, 5. Hawks. Of his writings we have, "A list of Birds of Berks County, Collected by Dr. Mengel and Donated to the Reading Museum," prepared by Mr. Poole in 1916, 5 p. typescript. His letters in our collection number 36, dated 1915-37, dealing with ornithological topics in general, giving at various times, descriptions and even sketches, in pencil or water color, of the birds he discusses with his correspondent, Witmer Stone. A few biographical items round out the collection.

Gift of the author and archived from various departments in the Academy.  
\*Coll. 458

HIROHITO, EMPEROR of JAPAN, 1901- Letters addressed to Dr. Henry A. Pilsbry, 1926-49. 2 items.

When as a young man, the Emperor became interested in mollusks and wished to identify Japanese species, he turned to Pilsbry's works, particularly as published in the Manual of Conchology. Pilsbry had made the only comprehensive studies of Japanese shells from specimens sent to him by collectors in the orient, the cabinet being retained at the Academy. A letter from the Emperor in Japanese, dated Dec. 21, 1926 extends thanks to Pilsbry for securing for His Highness the Prince Regent, the Manual of Conchology, published by the Academy. A translation was included on letterhead of the Japanese Embassy, Washington, and signed by Count Sutemi Chinda, Lord Steward to the Crown Prince. The Emperor's interest was active throughout the years, until in 1949 another letter reached Pilsbry, presenting a copy of his new book, under the authorship of Baba, entitled Opisthobranchia of Sagami Bay. It was dated Oct. 28, 1949 and written from the Ministere de la Maison Imperiale du Japon. The signature: Takanobu Mitani, Grand Chamberlain to H. M. The Emperor of Japan.

Gift of the Emperor of Japan, 1926, 1949. Coll. 459

ANTHONY, JOHN GOULD, 1804-1877. Conchological annotations, 1840(?).  
1 item.

Signature, with place [Cincinnati] and some annotations written in Say's Descriptions of some new terrestrial and fluviatile shells of North America, 1829, 1830, 1831, edited by Lucy Say, 1840.

Gift of the author. Coll. 460

LINNÉ, CARL von, 1707-1778. Paper about snakes (fragment). 1 item.

The initiator of the binomial system of scientific names for plants and animals left very little manuscript material except that in Upsala and the great mass purchased by the British Museum. This fragment, presented by Thomas Meehan, June 19, 1900 carries a certification of authenticity, signed at Leipzig, March 15, 1845, by Dr. T. G. Flügel, U. S. Consul. Gives descriptions of Crotalus horridus, Boa constrictor, Boa canina. 4 p.

Coll. 461

WISTER, CHARLES JONES, 1782-1865. Papers, 1854-94. 3 items.

C. J. Wister, the elder, was a Germantown botanist for whom it is controversially contended that Nuttall named the Wisteria. He was elected to the Academy in 1814. We have two items from the archives, namely a signed acceptance to the anniversary dinner, March 21, 1854 and a letter to Isaac Hays accompanying a likeness of Isaiah Lukens, Jan. 11, 1844. The third item, from "official correspondence," signed by Charles J. Wister, Jr. states the case for the Wisteria name being an honor to his father and not to Caspar Wistar.

Coll. 462

NOLAN, EDWARD JAMES, 1846-1921. History of the Academy, 1906-12. 30 items.

This history is the unabridged manuscript prepared for the Academy's Centenary Celebration from which was extracted the published form as the Short History of the Academy of Natural Sciences. In 1906 the President, Samuel G. Dixon wrote Nolan to start preparation on the history of the Academy, "that we may have it complete on 100th anniversary". In 1918 Nolan had attached a memorandum to the bottom of the above letter stating that no money was authorized when the history was complete so that it was never published in full. The work consists of some 700 numbered pages and many sections which are unnumbered. It has been therefore, arranged according to chapters, of which there are seven and 19 appendices.

The manuscript was left in the Academy's vault at the time of Nolan's death.

\*Coll. 463

NOLAN, EDWARD JAMES, 1846-1921. History of the Academy. Documents and Correspondence. 1846-1915. 234 items.

This material collected by Nolan for his history consists of many types of information. It contains transcribed records of early minutes, deeds, biographies, news clippings, letters from relatives and reminiscences of colleagues. It is arranged by subject with a finding list to the signers of letters indicating under what subject the letter is to be found among the 68 subject folders. This original material had been roughly stored and rearranged by the librarian when the pile of records was unearthed in 1944.

\*Coll. 464

Signers:

Aaron, Carrie B. 1911; Abbot, Geo. Maurice, 1910; Abbott, Chas. C. 1914; d'Arusemont, W. Phiquepal, 1842; Berry, Mary E. (2) 1880; Brown, A. E. 1912 ?; Brubaker, Albert P. (3) 1910; Bullets, Henry, 1894; Burk, Jesse Y. 1894; Burr, Charles W. (2) 1912 ?; Cadwalader, John (2) 1910; Campbell, Jane (4) 1914; Chapman, Harriet M. (8) 1910 ?; Chapman, Henry C. (2) 1910; Correa da Serra, E. T. 1824; Correa da Serra, Jose, 1813; Cox, E. T. (2) 1894; Darwin, Charles, 1860; Dercum, F. X. 1911; Dixon, S. G. 1910; DuChaillu, P. B. 1912; Eakins, Thomas, 1911; Fretageot, (Mrs.) Nora C. 1914; Gambel, Wm. (2) 1912 ?; Goddard, Neal, 1894; Green, Samuel S. 1910; Griffin, Martin I. J. 1910; Hays, Minis, 1914; Hazzard, (Mrs.) W. H. 1914; Hopkinson, Joseph, 1831; Jastrow, Morris, 1910; Jones, C. J. 1910; Keating, E. 1916; Keating, W. 1894; Kinsey, W. M. 1829; Lippincott, J. B. 1910; Litch, Wilbur F. 1910;

Mactier, (Mrs.) A. G. 1888; Meehan, Thomas, 1894; Meigs, Arthur V. 1911; Mitchell, S. Weir, 1909; Murphy, Edward (2) 1894; Nolan, E. J. (3) 1910; Osborn, Henry Fairfield, 1915; Paul, Marie W. 1911; Penrose, C. B. 1910; Penrose, R. A. F. Jr. (2) 1910; Purvis, Annie, 1925; Relinefante, L. L. n. d.; Reyburn, John E. 1906; Robinson, L. M. 1911; Ruschenberger, William Samuel Waithman (2) n. d.; Schweinitz, G. de (2) 1910; Skinner, Henry, 1910; Smith, T. Guilford, 1910; Smith, Walter Benj. 1910; Sowerby, Charles P. n. d.; Steiner, Bernard C. n. d.; Thompson, Robert Ellis, 1911; Test, Daniel D. 1910; Tristan, J. Fid. (2) 1911; Wagner, E. C. 1910; Weber, Paul, 1851; Willcox, Joseph (2) 1911; Wilson, Rathmell, n. d.; Winsor, B. (7) 1910; Winsor, Ellen, 1912; Wister, Charles, 1894; Wright, James, 1925; Wood, H. C. 1911.

MEDAL PORTRAITS of SCIENTISTS, 1818-1847. Commemorative medals of famous scientists. 45 items. .

This collection, executed in Paris, contains portraiture of 43 scientists, sculptured by 29 different artists. Four named series are represented, i. e. "Series numismatica universalis vivorum illustrium" (20 examples); "Collection des hommes illustres" (2 examples); "Médailles francaies célèbres XIX siècle" (1 example); "Galerie métallique des grands hommes francaies" (7 examples).

Gift of Thomas Bellerby Wilson, Feb. 1848, described and the medals listed by name of scientist in the Proceedings, of the Academy, v. 4, p. 33, 1848. The series was cataloged at a later date by E. J. Nolan, but the 44 listed in the library catalog is not exactly like the published account. The list which accompanied this present day collection, duplicates the Nolan list. Indications point to an exchange of certain items; for example the Bonaparte medal, listed by Nolan has the date of Bonaparte's death, 1857, inscribed on it, so must have been placed in the collection after 1848.

The large frame holding the medals hung in the Library reading room for over a hundred years, but currently the medals have been removed to a box and housed with the manuscripts.

ARISTOTLE SOCIETY of PHILADELPHIA, 1893-1910? Papers, 1903.  
2 items.

This name was adopted by a group of small boys, who, under the tutelage of Charles W. Johnson, curator of the Wagner Free Institute, met Saturday mornings for field trips and study in the natural sciences. It was continued some years after Johnson left for a position in the Boston Society of Natural History. Mr. Rehn's listing of members gives the following: James A. G. Rehn, Carl Fenninger, Charles T. Greene, George M. Greene, Henry L. Viereck, William Beatty, Harry Wenzel, Erich Dickey. In 1903 Viereck reported to the American Entomological Society, giving a short history, and in P. P. Calvert's papers (Coll. 634) the early insect collecting records are written on the Aristotle Society's printed map forms of Pennsylvania.

Gifts of H. L. Viereck and P. P. Calvert.

Coll. 466

ANSP. LIBRARY. Visitor's register, 1929-62. 4 items.

Very early it was decided by resolution that a book be purchased in which to preserve a record of visitors to the Academy. These ledgers have long since been replaced by similar volumes for each department. The series for the Library began in 1929 and is currently signed in the reading room.

Archived.

Coll. 467

SERGEANT, JOHN DICKINSON, fl. 1847. Watercolor. 1 item.

The single drawing of an orange-colored mushroom is on paper with Redcliffe, Robbinston, Maine at head. On verso is the signature of J. D. Sergeant with the address of 420 Walnut.

Provenance unknown.

Coll. 468

RIDER, ALEXANDER, fl. 1810-1834. Sketch of *Agama vultuosa*, 1824.  
1 item.

German artist, who worked in Philadelphia during the years mentioned. This original pencil sketch of *Agama vultuosa* was published as plate XIX, in the Academy's Journal, v. IV, 1824-25, to illustrate R. Harlan's paper, Description of two new species of *Agama*.

Archived.

Coll. 469

PARKER, ANDREW J., d. 1892. Illustrative material on brains of primates, 1892?. 19 items.

Morphologist member of the Academy, elected in 1877. The collection consists of three watercolors, one line drawing and five photographs of the brains of primates, published in the *Academy's Journal*, ser. 2., v. 10, 1894-96, nine papers regarding costs for artist's and printer's work and a mailing list for his separates.

Archived, 1959.

Coll. 470

Signers:

Itrerson, F. von, n. d.; Nolan, Edw. J. (4) 1894-96; Reisert, Henry, 1894; Ross. J. W. 1894; Sheppard, Edwin, 1894; Star Engraving Co. (2) 1895.

GODMAN, JOHN DAVIDSON, 1794-1830. Papers, 1824-27. 3 items.

Academy member and American zoologist whose studies on comparative anatomy were the first published in the United States. Other writings appeared in the *Encyclopaedia Americana* and in book form, the latter as *Natural History of American Quadrupeds* and *Rambles of a Naturalist*. The collection contains 2 writings and one drawing, which were published in the *Academy's Journal*.

Archived.

\*Coll. 471

BONVOULOIR, HENRI, vicomte de, 1839-1914. Letters, 1870-83. 2 items.

French writings about beetles, no recipient named, but with internal evidence that they were intended for John L. LeConte, written after his book on *Eucnemidae* was published in 1870, but before LeConte died in 1883.

Gift. Removed from his *Monographie de la familie eucnemides*, where they had been tipped in at some early date.

Coll. 472

FOWLER, HENRY WEED, 1878- The Minnows of Pennsylvania, 1909-54. 12 items.

A long writing in typescript (204 p.) of an unpublished study made by Fowler during the years 1909-21. Included are 10 original plates of specific fishes with 23 loose pages of notes recording additional captures in Pennsylvania, from 1922-1954.

Gift of the author, Feb. 17, 1960.

Coll. 473

MASON, T. L. Drawing, 1937. 1 item.

This large plate, 17 x 13 inches, shows four pen and ink drawings of animals in their natural habitats: first, the tree snake; second, the polar bear; third, the leaf butterfly; and fourth, the tiger.

Archived from the photographic department, Jan. 27, 1960. Provenance not known.

Coll. 474

LONITZER, ADAM, 1528-1586. Appendix to the 1630 (?) edition of the Krauterbuch. 1 volume, with 31 ms. pages.

Lacking the title-page, one can only assume by various physical characteristics, that this volume may be the 1630 edition. The Krauterbuch was published in a great many editions, but only when it was revised and published jointly with Peter Uffenbach in 1630 was it enlarged to 750 pages, the number which was originally in this volume. It now lacks p. 177-652 and is also very badly insect eaten. The appendix bound at the back, is written in old German script by an unidentified writer. It could very well be a doctor or pharmacist's recipe book describing the use of the plants for medicinal purposes. Included in the subject matter are trees, shrubs, hedges, farm crops, aromatics and herbs—followed by dissertations on birds, and fish, metals, gums, syrups, etc.

The book was handed to the Academy's librarian by John E. Bowers in 1949 who said that it had been stored in the office safe for years. Neither he nor C. M. B. Cadwalader knew anything about its origin. A label which has been inserted in the book was typed on a machine which the Exhibits Dept. purchased in 1936, but Green cannot remember having displayed this book in any special exhibit at the Academy. Coll. 475

EYRE, MANUEL, 1837-1912, collector. Paintings of Chinese plants and animals, 1733? 149 items.

Chinese paintings done in pure tempera colors, bound in two volumes of 118 and 141 pages respectively. The first volume contains 77 botanical plates while the second has 20 plates of mammals, 23 of insects and 28 of birds. Bound in green tapestry cloth, with woven design of swastikas.

Presented to the Academy of Natural Sciences by Mrs. Roland R. Foulke (Ellen Griffith Foulke) on December 16, 1933, in memory of Robert Eglesfeld Griffith. The volumes had been in the possession of the family for years, from the estate of Mrs. Foulke's grandfather, Manuel Eyre, a ship-builder, who probably acquired them in his business ventures. The paintings are believed to be over 200 years old. In 1945, Hui-Lin Li said that the bindings corroborate the statement of age and that the plants in volume one are cultivated species from Southern China. Coll. 476

BARNES, JOHN, fl. 1812-1841. Report, 1816. 1 item.

This document entitled "Rise and Progress of the Academy of Natural Sciences by John Barnes, 1816. Historical Document," was written by the first elected (April 16, 1812) member of the Academy who was therefore in a good position to prepare this account of the beginnings of the museum and library. He also mentions various meeting rooms and activities of the early curators.

Bound in The Academy's Minutes for December 31, 1816.

Coll. 477

McCOOK, HENRY CHRISTOPHER, 1837-1911. Papers, 1876-97. 326 items.

This Presbyterian minister and chaplain pursued his natural history studies as an avocation. Altho he wrote mostly about spiders and ants, he was particularly interested in insect architecture. The papers collected here consist of correspondence, workbooks, original illustrations and photographs. While McCook made most of the illustrations, Edwin Sheppard was responsible for the lithography. Many other artists helped with the coloring, as indicated by penciled notes by McCook on the original color plates, stating the name of the person to whom each was assigned. A sizeable group of "comical" and fanciful illustrations were made by Daniel L. Beard and appeared in McCook's various popular and young people's books. Other illustrators have signed plates, namely, George Marx, Mrs. Mary Treat, John B. Smith, Edwin Sheppard, F. Scorel, Mr. McCarter and some designated only by a monogram, F. B., B. F. and R. S. E.

The material had been stored in the Academy's attic and retrieved in 1961 when the manuscript cataloging got under way.

Gift of the author, who was an officer in the Academy and in the American Entomological Society for years. His extensive collection of examples of insect architecture was given to the Academy. Coll. 478

Names of signers of letters and drawings:

B. F.; Banks, Nathan, 1888; Beard, Daniel L.; Cope, E. D. 1882; Curtis, John L. 1891; Emerton, J. H. (3) 1888; Fraser, Elizabeth D. 1884; Gabb, W. M. (2) 1877; Gault, Edwin A. 1888; Hamilton, John, 1885; Harrison, (Mrs.) J. B.; Hart, Gavin W. 1888; Hutchinson, Lizzie F. 1886; Hyatt, Alpheus, 1891; Johnson, Frederick C. 1888 (?); McCarter, Mr.; McCook, H. C. (46) 1879-97; Marx, George (4) 1888-91; Medara, E. K. 1891; Pocock, R. I. 1891; R. S. E.; Scorel, F.; Sheppard, Edwin; Shew, Chester, 1887; Smith, John B.; Smith, Rosa (11) 1883-85; Taylor, Robert T. 1884; Treat, (Mrs.) Mary (2) 1888 (?); Warburton, Cecil, 1887; Wistar, Isaac J. 1896; Withfeld, Anna, 1887.

LEIDY, JOSEPH, 1823-1891. Learned society communications, 1845-90. 97 items.

Correspondence, diplomas, certificates of membership, and invitations to special meetings or to ceremonies honoring Leidy as a scientist, are grouped here. Besides his earned diplomas from school and University, certificates of honorary membership in local organizations, in national groups and in European societies are included. Since our list of 75 does not mention every organization recorded in a published list of such honoring institutions, the College of physicians of Philadelphia was asked to check for additional certificates. Dr. McDaniel reported that "no cataloged Leidy diplomas or certificates" are in its library.

Gift of Joseph Leidy, II, 1932 and of Philip L. Leidy, 1944. \*Coll. 479

LEIDY, JOSEPH, 1823-1891. Biographical scrapbooks. 1857-1912. 8 items.

Mostly news clippings assembled by various members of Leidy's family, the entries pertaining to his activities between the dates of 1857 and 91. One book is concerned only with obituary notices and funeral ceremonies; two were compiled in manuscript by Joseph Leidy, II while on a visit to Switzerland in 1910-12 and record interviews with former friends of his uncle.

Donated by Philip L. Leidy, 1944, and Joseph K. Corson, 1959. \*Coll. 481

LEIDY, JOSEPH, 1823-1891. Diaries and field notebooks, 1848-87. 10 items.

Daily records made on trips to Europe, 1848 and 1875; local trips, in four books, for the dates 1873-82, 1877; 1880-83, 1885-87; notes on the mineralogical exhibits in the British Museum and in the Louvre, Paris; field notebook labeled "Notes on Myxomycetes" 1884-86; and Luray Cavern notebook and letter.

Gift of Philip Leidy, 1944 and of Joseph Leidy II, 1932 ? \*Coll. 482

BOTANICAL SOCIETY OF PENNSYLVANIA. Members list, 1927. 1 item.

This mimeographed document is entitled: "List of Members, Botanical Society of Pennsylvania from opening meeting held at University of Pennsylvania, October, 1897 to closing meeting of the Society's third decade at Penhurst, 4th June, 1927." This lists 407 names on five pages.

Deposited with F. W. Pennell's papers in 1952. Coll. 483

SAY, THOMAS, 1787-1834. Introduction to Conchology, 1816. 2 items.

"Original manuscript of Say's article 'Conchology' in the American edition of Nicholson's British Cyclopaedia" is inked on flyleaf. Internal evidence identifies this manuscript as that of the first American edition, 1816, although the wording of the preliminary leaf is not exactly like that of the published text. A copy of Say's portrait which hangs in the Academy's Library, is added as a frontispiece.

Gift of Mrs. Lucy Say, 1835. Coll. 484

SCHAEFFER, CHARLES, 1838-1903. Photographs, 1902 ? 20 items.

Philadelphia physician and amateur botanist, geologist and photographer, Schaeffer was a member of many cultural institutions in the region. His closest association was with the Academy of Natural Sciences to which he was elected in 1861. He served long terms on the Council and as Recorder, at various times, to the botanical, the biological and the mineralogical and geological sections. The twenty mounted photographs of geological formations were made by him. Presented by Mrs. Charles Schaeffer, 1906.

Coll. 485

VAUX, GEORGE, JR. -1927. Photographs of glaciers, 1906. 5 items.

Lawyer and geologist, elected a member of the Academy in 1892 and its treasurer from 1894 to 1927. The five mounted photographs were to illustrate his "Observations made in 1906 on glaciers in Alberta and British Columbia," published in the Proceedings for 1906.

Gift of the author.

Coll. 486

GREER, JAMES. Charcharodon photographs, 1869. 2 items.

Paleontologist and collector of Dayton, Ohio, who became a member of the Academy in 1869. The two mounted photographs were taken of vertebra and tooth of Charcharodon megalodon from the Pliocene Tertiary phosphate beds of South Carolina.

Gift of the author.

Coll. 487

ANSP. COMMITTEE ON COMMUNICATIONS READ. Papers, 1818-1922. 387 items.

Reports of the committees appointed to review each paper read before the Academy, receipts of papers for the Proceedings and Journal and acknowledgements of manuscripts received, were all entered in bound ledgers of permanent records. Printed forms were used and numbered for each year beginning with Dec. 1st. The earlier rules called for the appointment of a committee to review and report upon each individual paper, after which the committee was dissolved. A change in the bylaws of May 5, 1903 made it unnecessary to report to the general meeting, a favorable decision automatically giving authority for publication. Loose items dated between 1818-73 complete the collection.

Archived.

\*Coll. 488

Signers:

Akhurst, Samuel, 1841; Ashmead, Samuel, 1852; Bache, A. D. 1831; Baird, S. F. (2) 1854-73; Blanding, William (2) 1844-45; Bonaparte, C. L. (9) 1825; Bridges, Robert (36) 1837-57; Burrough, M. 1842; Carpenter, G. W. (3) 1826-28; Carson, J. 1837; Cassin, John (22) 1843-52; Clay, J. A. 1839; Coates, B. H. (11) 1824-50; Coates, Reynell (5) 1836-39; Collins, Zaccheus (13) 1818-27; Conrad, S. W. (8) 1826-29; Conrad, T. A. (15) 1827-52; Draper, Edmund (4) 1837-42;

Elwyn, Alfred L. (7) 1839-52; Featherstonhaugh, G. W. 1831; Fisher, J. C. (11) 1851-52; Foulke, W. P. 1852; Frazer, J. F. 1852; Gambel, Wm. (9) 1846-48; Gilliams, J. 1824; Goddard, P. B. (4) 1839-46; Godman, J. D. (9) 1824-42; Griffith, R. E. (22) 1822-50; Haines, Reuben (8) 1821-27; Haldeman, S. S. (11) 1843-52; Hallowell, Edw. (34) 1837-54; Harlan, Richard (11) 1824-30; Harris, Edward (4) 1845-48; Hays, Isaac (9) 1820-25; Heermann, A. L. (4) 1852; Hilvington, Robt. 1852; Hodgson, Wm. B. 1844; Jessup, A. E. (5) 1823-24; Johnson, W. R. (7) 1841-47; Keary, J. M. 1834; Keating, Wm. H. 1823; Keller, William (2) 1849;

## Coll. 488 (cont.)

Lea, Isaac (4) 1827-52; LeConte, J. L. (16) 1846-52; Leidy, Joseph (60) 1845-73; Lesueur, C. A. (17) 1820-25; Lukens, Isaiah (17) 1823-42; McCall, Geo. A. (2) 1851; McEuen, Tho. (12) 1823-39; McFarland, J. H. (3) 1844-45; McMurtrie, H. (17) 1836-45; Markland, J. H. (9) 1843-51; Meigs, Ch. D. 1848; Morton, S. G. (91) 1824-51; Moss, Theo. F. 1849; Murrill, J. P. W. 1839; Nuttall, Thomas (11) 1820-41; Ord, George (11) 1823-27; Owen, David Dale, 1852; Patterson, R. M. (4) 1818-24; Peale, T. R. (20) 1824-43; Pearsall, R. (2) 1839; Pennock, C. W. (4) 1826-28; Phillips, I. S. (33) 1841-50; Pickering, Chas. (42) 1825-47; Powel, Samuel (3) 1850;

Rand, B. H. (5) 1852-57; Rogers, H. D. (3) 1837-45; Ruschenberger, W. S. W. (8) 1851-52; Say, Thomas (11) 1821-25; Sheppard, Edwin, 1873; Smith, A. H. 1852; Smith, C. E. (2) 1851-52; Steinhauer, D. 1831; Taylor, R. C. (4) 1843-46; Townsend, J. K. (16) 1837-50; Troost, G. (6) 1823-24; Vaux, W. S. (9) 1839-52; Watson, Gavin (8) 1851-52; Wetherill, J. N. (22) 1823-52; Wilson, T. B. (31) 1847-55; Woodhouse, S. W. (14) 1845-52; Zantzinger, Wm. S. (21) 1845-52;

FISHER, JAMES COGGSWELL. Papers, 1850-54. 5 items.

Naturalist, philosopher and student of the Bible, J. C. Fisher wrote on a variety of subjects. Member of the Academy of Natural Sciences, he turned in two reports of the Committee on the desirability of publishing papers in the *Journal*, which had been communicated at the meetings, both in 1851. One was by Dr. Berlandier, the other by Dr. Woodhouse. A verbal communication on the real meaning of Genesis was later published with the notation, "The substance of the following paper was originally given as a verbal communication at the meeting of the Academy of Natural Sciences on May 9, 1854." Two articles published in the early *Journal* of the Academy, 1851-52 were entitled a "Description of the Aurora of Feb. 19, 1852" and "On a New Species of Cicada".

Archived.

Coll. 489

Signers:

Leidy, Joseph; Morton, S. G.

HARE, ROBERT, 1781-1858. Papers, 1814-27. 4 items.

Chemist, philosopher and professor, Robert Hare's papers contain various reports and communications to the Academy of Natural Sciences. He was elected in 1813, later becoming a life member of the institution.

Archived.

Coll. 490

PILSBRY, HENRY AUGUSTUS, 1862-1957. Illustrations. 82 items.

Pilsbry, dean of American Malacologists was associated with the Academy for 70 years. Conservator, curator and head of the Department of Shells, he was also the internationally recognized authority in the field of land Mollusca. He wrote and edited many volumes of the Manual of Conchology and from 1889 until his death was an editor of the journal Nautilus, which he founded. A member of many scientific societies he was also a great shell collector, making expeditions all over the United States, to the Caribbean, South America, Mexico, Hawaii, and other Pacific Islands, and to Australia. Few scientists have so voluminous a list of publications.

This collection consists entirely of original drawings, watercolor paintings of shells and photographs.

Received in 1960 from the Department of Conchology.

Coll. 491

AMERICAN ENTOMOLOGICAL SOCIETY. Correspondence about Entomological News, 1890-1942. 103 items.

Letters are mostly addressed to P. P. Calvert, as editor, and refer to various aspects of editorial business. Manuscripts are offered for publication, reviews and criticisms made of papers which have appeared in the Entomological News, discussion of deposition of the type specimens described in the journal and of the matter of exchange of specimens and reprints.

Archived from the Society's holdings, March 13, 1959.

Coll. 492

Signers:

Abbott, Cyril E. 1934; Aldrich, J. M. (3) 1914-26; Bequaert, Joseph (3) 1925-30; Bird, R. D. 1933; Blaisdell, Frank E. 1934; Blatchley, W. S. (2) 1930; Braun, Annette F. 1921; Brimley, C. S. (2) 1921-23; Britton, W. E. (2) 1920-26; Bromley, Stanley W. 1928; Chamberlin, R. V. 1930; Cockerell, T. D. A. (2) 1913-20; Cole, Arthur C. Jr. 1930; Comstock, William, 1913; Coolidge, Karl R. 1923; Crosby, C. R. (2) 1920-1929; Craighead, Eugene M. 1921;

Dietz, D. S. 1921; Dodds, G. S. 1924; Evermann, Barton W. 1914; Ewing, H. E. 1921; Fall, H. C. 1931; Fattig, P. W. 1929; Felt, E. P. (2) 1924-33; Ferris, G. F. (2) 1918-30; Flower, W. H. 1890; Forbes, William, 1929; Franclemont, J. G. 1942; Frison, Theodore H. (2) 1922-23; Frost, W. S. 1927;

Hatch, Melville H. 1929; Hinman, E. Harold, 1934; Holland, W. J. (3) 1919-28; Hood, J. Douglas, 1932; Howard, L. O. (8) 1918-29; Hull, F. M. 1923; Hungerford, H. B. 1931; Klots, Alexander, B. 1931; Knight, Paul, 1927; Knull, Joseph N. (2) 1919-23; Laurent, Philip, 1927; Lindsey, A. W. 1920;

McAtee, W. L. (5) 1919-33; McClure, H. Elliot, 1932; Malloch, J. R. 1920; Marchand, Werner, 1921; Marston, L. Chester, 1930; Metcalf, C. L. 1930; Mickel, Clarence E. 1928; Moulton, Ludley, 1928; Needham, J. G. 1920; Neiswander, C. R. 1925; O'Byrne, Harold I. 1930; Park, Orlando, 1928;

## Coll. 492 (cont.)

Reinhard, J. H. 1930; Richards, A. Glenn, Jr. 1931; Riley, C. F. Curtis, 1921; Riley, William A. 1928; Ritcher, Paul O. 1931; Rohwer, S. A. 1923; Sanders, J. G. (2) 1916-21; Schwartz, Ernest, 1918; Skinner, Henry, 1921; Smith, M. R. 1930; Stoner, Dayton, 1913; Swain, A. G. 1921; Sweadner, Walter R. 1934;

Talbot, G. 1931; VanDyke, Edwin C. 1934; Van Duzee, Millard (2) 1923-24; Viereck, Henry L. (2) 1921-22; Watson, J. R. 1915; Webb, J. L. 1931; Wolcott, A. B. 1930; Yoshers, W. W. 1921.

AARON, SAMUEL FRANCIS, 1862-1947. Scrapbook of his popular writings, 1881-1938. 1 item.

News clippings and excerpts of his periodical writings arranged chronologically and pasted in a large scrapbook. Various incomplete items were laid in but essentially it is one book of 232 pages with index to the first 154. The scrapbook is retained in our manuscript collection because Aaron had made many corrections and additions to the excerpts with annotations from time to time. The last pages were apparently prepared by Mrs. E. L. Aaron. A description of the notebook appears in Entomological News, Vol. 58, 1947, in Aaron's obituary notice on page 136.

Gift to American Entomological Society between 1938-47 and archived from the department of Entomology, 1951. Coll. 493

FOWLER, HENRY WEED, 1878- Illustrations of fish scales, 1948. 38 items.

These sketches were prepared for a Monograph on the Microscopical Study of Fish Scales which has not been published nor has the text been written. Figures are preliminary pencil drawings, donated by Fowler, February 23, 1960. Coll. 494

BROWN, STEWARDSON, 1867-1921. Journals, diaries, fieldbooks of collecting data, 1884-1911. 8 items.

Included are three items about the Philadelphia area, (1) dates for flowering of plants (2) first appearance of flowers and (3) weather conditions and bird records of 1888. The diaries refer to collecting in the Orinoco River region, in northwestern Alberta, in Bermuda, Jamaica and Venezuela.

All but one in the hand of Stewardson Brown, that of the Orinoco trip being queried. We know he was a member of the party, and that it could not be the writing of either Francis Bond (on authority of his son James) or of the taxidermist, so it is being classed with the journals of Brown.

Part of these were archived from the Botany Dept. in 1952 and in 1958, the rest came as gifts from the author's family in 1955 and 1956. \*Coll. 496

CARTER, JOHN PIM, 1880-1955. Geologic clock and time-table of earth history, 1943-49. 36 items.

An industrial chemist, graduate of Haverford College, and later attached to the Academy of Natural Sciences. In 1929 he visited southern France and became much interested in cave drawings of early man in the Lescaux caves at Les Eyzies, Dordogne. This increased his interest and work in earth history. Many years were devoted to constructing the Geologic Clock and at one time the original was kept in the Academy's library for safekeeping, but is now in the possession of his nephew in Westtown, Pa. It was in the form of a long scroll, very cumbersome and hard to use. In 1949, he had photostats prepared of the 18 sheets, the positive copy of which was hand colored and with the negative given to the Academy's library.

Another copy is to be found in one of the Washington, D. C. libraries where it was deposited by Carter. Coll. 497

AMERICAN ORNITHOLOGISTS' UNION. Papers, 1895-1936. 1600 items.

Founded in 1883 for the furtherance of scientific ornithology, its organ being THE AUK. These papers consist of bylaws, lists of officers and members, program announcements and financial statements. Correspondence about the activities of the Union stresses the publication of THE AUK, check lists of birds and the awarding of its medals. The names most frequently appearing are Louis B. Bishop, Jonathan Dwight, Jr., Joseph Grinnell, A. H. Howell, W. L. McAtee, Harry C. Oberholser, John H. Sage, Witmer Stone, A. E. Urban (for the Intelligencer Printing Company) and Alexander Wetmore.

The number is estimated only, with no list of signers given.

Gift of C. M. B. Cadwalader, as a part of W. Stone's papers, 1939.

Coll. 498

PHRENOLOGICAL SOCIETY of PHILADELPHIA. Papers, 1839. 1 item.

The single document requests the Academy of Natural Sciences of Philadelphia, to lend its phrenological casts to the Society for a lecture to be given by Geo. Combe. The request is signed by John Bell and W. H. Coates. A receipt for the casts is written on the bottom of the same sheet, dated January 30, 1839 and signed by Geo. Combe. In the Joseph Leidy letters, there is a letter from the same society, inviting him to be a member.

Archived from the Academy's files, February 28, 1960.

Coll. 499

MANUAL OF CONCHOLOGY. Papers, 1877-1935. About 100 items.

The Manual of Conchology was published in two series, the first of 17 volumes, the second of 28, by the Conchological Section of the Academy, under the direction of George W. Tryon, Jr. and later under H. A. Pilsbry. This collection contains correspondence, subscribers' lists, bills (engravers, binders, and printers), annual reports of the treasurer of the manual, other reports and memoranda.

Archived.

Coll. 500

SHANNON, HOWARD JOHNSON, 1876- Open letter, 1916. 1 item.

Single sheet hectographed duplication of manuscript entitled: "Of Interest to Naturalists". The contents refer to the release of 1,000 marked butterflies, and a request for their return if caught in migration. Illustrated and signed by Shannon.

Archived from Department of Insects.

Coll. 501

ANSP. MEETINGS. Minutes, 1812-1927. 32 volumes.

Beginning with the minutes of the preliminary meeting of Jan. 25, 1812 this record runs consecutively thru 1925 when the minutes are discontinued as such and the business of the Academy recorded later as abstracts of the annual meetings. There are two series of the minutes, the first "rough draft" written up at the time of the meeting and presented at the next meeting for approval of the members. When approved they were entered in the official account and preserved there. The rough minutes date from 1826 to 1927 as twelve volumes, while the official minutes are listed v. 1, la, 2-16, 1812-1927. The volume "1-a" is a transcript written by Edward J. Nolan.

In the early days weekly meetings were held, and beginning with 1841 the minutes were published in the Proceedings of the Academy. As published they were given in much detail but with some deletions. Later sessions were held at fortnightly periods and eventually at monthly intervals. After 1927 the minutes are not filed in this collection of manuscripts.

There has been no index to the minutes prepared. In the early 1950's two microfilm copies of the official minutes were made by the American Philosophical Society, one of which is on file at its library and the second in the possession of the John Crerar library. The second copy came to the Academy as a gift from the American Philosophical Society but was sent to the Chicago library for preservation in case of atomic disaster.

The collection also contains 24 loose documents found laid in the "official" minutes and 23 taken from the "rough" minutes, assembled as Coll. 502A and 502B respectively.

\*Coll. 502

Signers:

Bache, Franklin, 1821; Baird, S. F. 1848; Barnes, John, n. d.; Boucier, Mr. 1848; Bridges, Robert (2) 1851-52; Brown, Stewardson, 1921; Cadwalader, John, 1925; Cassin, John, 1848; Cope, E. D. (2) 1880-83; Dickerson, Dr. 1847?; Dawson, Mr. 1847; Dunn, C. S. 1835; Durand, 1858; Fisher, James C. (2) 1851; Foulke, W. Parker (2) 1852-58; Frazer, John F. 1858; Gambel, Wm. (2) 1847; Genth, Philip C. 1883; Germain, Lewis T. 1847; Goddard, Paul B. (2) 1839; Griffith, R. E. 1847;

Haines, John S. 1883; Haines, Reuben (3) 1822-83; Hallowell, Edward, 1839; Harlan, Richard, 1826; Harson (?), 1858; Hays, Isaac (4) 1822-26; Hembel, Wm. 1835; Horn, George H. n. d.; Howell, S. B. 1870; Jessup, Augustus E. 1822; Johnson, R. 1846; Keating, William H. (2) 1821-22; Lea, Isaac, 1858; LeConte, John L. (2) 1852-58; Leidy, J. (3) 1846-60; Lesueur, C. A. 1822; Lukens, Isaiah, 1846; Mann, C. M. (3); Meehan, Thomas; Merrick, S. Vaughan (4) 1824-67; Miles, M. 1861; Morris, Chas. 1883; Morton, S. George (16) 1824-39; Nuttall, Thomas, 1821; Ord, George, 1855;

## Coll. 502 (cont.)

Parmantier, Nicholas, n. d.; Patterson, R. M. (2) 1822; Pearsall, Robert (2) 1839; Penrose, Charles Bingham, 1925; Penrose, Richard A. F. 1925; Pickering, Charles (2) 1834-35; Redfield, J. H. n. d.; Roberts, Chas. 1883; Rogers, Thomas (2) 1835; Ruschenberger, W. S. W. (6) 1852-76; Say, Thomas (2) 1817-22; Sergeant, J. D. 1860; Sherman, Mr. 1847; Shinn, John Fr. (2) n. d.; Skinner, Henry, 1925; Spackman, George, 1826; Speakman, John, n. d.; Strickland, William, 1826; Townsend, John K. (2) 1826-34; Troost, Gerard, 1821; Vaux, Robert S. (2) 1826; Vaux, Wm. S. (5) 1839-83; Walmsley, William Mason, 1826; Wampole, J. 1826; Warder, Benj. H. 1832; Warder, John H. 1832; Warder, W. S. (3) 1826; Welsh, John, 1860; Wetherill, John P. (12) 1824-39; Whelan, E. S. n. d.; Wilson, T. B. (5) 1848-58; Woods, D. B. 1850; Woolman, Lewis, 1903.

HAMILTON, JOHN. Catalogue of the Coleoptera common to North America, northern Asia and Europe, 1889?. 1 item.

Coleopterist of Allegheny, Pa. His "Catalogue" of 38 pages served the purpose of facilitating the exchange of common species between collectors. It gives distribution and field notes.

Published in the Transactions of the American Entomological Society, v. 16, 21, 22, 1889-1895.

Archived from the Department of Entomology, 1960.

Coll. 503

CHAUDOIR, MAXIMILIEN de, Baron, 1816-1881.† Monographie des Oodides 1878-81? 1 item.

A Russian coleopterist of French extraction, Chaudoir early studied with Eschscholtz and Chevrolat under whose tutelage he was nominated to the French Entomological Society. His chief interest was in the Carabidae, with much of his research being published in his native Russian Society of Naturalists, but a goodly part in the French Society's publications. This paper was presented posthumously by A. Sallé at the June 14th meeting, 1882, of the latter. Being referred to G. H. Horn for recommendation, the manuscript found its berth among Horn's papers and library which were bequeathed to the American Entomological Society. Chaudoir collections were purchased for René Oberthur and eventually housed in Rennes, France.

Published in the Annales of the Société Entomologique de France, 6th ser., v. 2, 1882, p. 317-378, 485-554.

Coll. 504

† Biographical sketches in (1) Annales, Soc. ent. France, ser. 6, v. 1, p. 181-88, (2) Deutsche Entomologische Zeitschrift, v. 25, 1881, p. 341-342. In each of these, the birth for this author is given as 1816, although the Library of Congress has established it as 1817.

KECK, DAVID DANIELS, 1903- Correspondence and articles for publication, 1936-37. 14 items.

Like Francis W. Pennell, he was a student of Scrophulariaceae and carried on an extended correspondence when collaborating with Pennell on a monograph of that family. Differences of opinion were constant, bringing up the necessity for each botanist to attempt to prove a point and change the ideas of the other. Ten letters and four writings on Penstemon make up the collection.

The material was filed with Pennell's papers pertaining to his projected work on the Scrophulariaceae of the western United States. \*Coll. 506

ANSP. BOTANICAL SECTION. Scrapbooks, 1885-1902. 135 items.

"Papers, letters, documents and memoranda of historical interest. Botanical Section, Academy of Natural Sciences of Philadelphia. Book started January 22, 1901, by John W. Harshberger, Ph.D., Recorder." More than half of the items consist of program or meeting announcements of the many local botanical groups.

Gift of the Section.

\*Coll. 507

Signers:

Abbott, Elizabeth O. 1901; Abbott, Francis R. 1891; Anders, James M. n. d.; Beringer, George M. 1896; Bessey, Ernst A. 1901; Bigelow, M. A. 1901; Bivins, Emma C. 1902; Boewig, Harriet, n. d.; Brinton, J. Bernard, 1888; Brown, Stewardson, 1901; Crawford, Joseph, n. d.; Flower, Marshall A. 1901; Fretz, C. D. 1901; Harshberger, John W. 1891; Heller, A. A. 1901;

Jellett, Edwin C. 1901; Kearney, Thomas H. (2) 1900-01; Keller, Ida A. (2) 1901; Kraemer, Henry, 1901; Leeds, Arthur N. 1901; McAdam, Margaret, 1900; MacElvee, Alex, 1901; Martindale, I. C. (2) 1885-89; Meehan, Thomas (3) 1895; Nolan, Edward J. 1889; Ruschenberger, W. S. W. (2) 1894-95; Schaffer, Charles (2) 1885-88; Scribner, F. Lawson, 1885; Sheaffer, P. W. 1886; Smith, Benjamin H. (2) 1901; Smith, Uselma C. (2) 1900-01; Stone, Witmer, 1902.

RAU, EUGENE ABRAHAM, 1848-1932. Botanists' Portraits. 143 items.

This collection was assembled by E. A. Rau and later deposited in the Academy's Department of Botany. There is a list (in part) in Rau's handwriting, with only 100 numbers entered, but a complete list of the botanists has been prepared to accompany this guide. The glass negatives are each wrapped, with the name of the botanist on the outside, but within the small package there is often information as to the source of the particular photograph used.

Gift of E. A. Rau, 1932.

Coll. 508

Portraits of:

Agassiz, Louis; Anderson, F. W.; Arthur, J. G.; Austin, C. F.; Baily, William L.; Barnes, Charles R.; Barton, B. S.; Beal, W. J.; Bebb, G. N.;

Bentham, George; Berkeley, M. J.; Bessey, C. E.; Best, G. N.; Blake, J.; Bolander, H. N.; Braithwait, D.; Brandegee, T. S.; Brewer, W. H.; Bridges, Thomas; Brinton, J. G.; Brown, Addison; Brown, Robert;

Calkins, William H.; Canby, W. M.; Cardot, G.; Carson, Joseph; Chapman, A. W.; Clinton, G. W.; Cooke, M. C.; Cooper, J. G.; Coulter, J. M.; Cragin, F. W.; Cummings, Clara E.; Curtis, M. A.; Davenport, George F.; Deane, Walter; Demetrio, C. H.; Denslow, W. W.; Dewey, Chester; Diefenbough, E.; Dudley, W. R.; Durand, Elias; Eaton, D. C.; Edward, Mead; Ellis, Stephen; Emerson, George B.; Engelmann, George;

Farlow, W. G.; Fendler, August; Frost, C. C.; Galloway, B. T.; Gentry, Thomas G.; Gerard, W. R.; Goodale, G. L.; Gray, Asa; Gregory, Emily L.; Hall, E.; Hall, Isaac H.; Hampe, Carl; Harkness, H. W.; Hervey, A. B.; Hogg, Thomas; Hollick, Arthur; Holway, E. W.; Hooker, Joseph Dalton; Hooker, J. W.; Howe, Marshall Avery; Huebener, A. L.; Jaeger, August; James, Thos. P.; Jardine, E. A.; Jefferis, M. T. Jessup, H. G.; Jussieu, A. G.; Kannicott, L.; Kellerman, W. A.; Knieskern, P. D.; Langlois, A. B.; Lapham, J. A.; Lawson, M. C. A.; Leggett, W. H.; Leiberg, J. B.; Lenormand, Rene; Lesquereux, Leo; Linnaeus, C.;

McMinn, Howard Earnest; Macoun, J.; March, W. M.; Martin, George; Martindale, Joseph C.; Masters, Maxwell J.; Mathius, Mr.; Michaux, F. André; Millspaugh, C. F.; Mohr, Carl; Moyer, J. S.; Newberry, Mr.; Nuttall, Thos.; Olney, Stephen T.; Parker, C. F.; Parry, C. C.; Peck, Charles H.; Phelps, A. L.; Philibert, H.; Plowright, Charles; Porter, Thomas C.; Pringle, C. G.;

Rabenhorst, L.; Ravenel, H. W.; Redfield, J. H.; Rehn, H.; Reichenbach, H. G. L.; Renauld, T.; Robbins, J. W.; Rothrock, J. T.; Rusby, H. H.; Saccardo, P. A.; Sartwell, Henry P.; Schrenk, Joseph; Schweinitz, D. L. von; Scribner, F. Lamson; Short, C. W.; Smith, C. F.; Smith, Daniel B.; Smith, John; Spegassini, Carlos; Spruce, Richard; Stevenson, W. C.; Sullivant, W. S.; Thompson, Thomas; Thumen, F.; Torrey, John; Tuckerman, Edward; Tyler, A. A.; Underwood, L. M.; Vasey, George; Venturi, G.; Ward, N. B.; Watson, Sereno; Winter, George; Wolle, Jacob; Wright, Charles; Wright, Hart.

ANSP. HABITAT GROUPS. Giant Sable Antelope, 1933. Papers, 1931-34.  
87 items.

In 1929 and again in 1930, the Academy sponsored the Gray African Expeditions to procure Giant Sable Antelope for a habitat group in its museum. Through the generosity of Prentiss N. Gray, the nationally known big game hunter, the display was set up. The animals were prepared by the James L. Clark Studios, and Mr. Rosencrantz painted the background. The formal opening was announced in the newspapers on May 28, 1933.

The papers were culled from the Academy's correspondence files in 1961.  
Signers of documents and letters: Coll. 509

Avinoff, A. 1933; Cadwalader, Charles M. B. (10) 1931-34; Clark, James L. Studios (23) 1921-33; Coolidge, Harold J. Jr. (2) 1933; Gray, Prentiss N. (21) 1931-34; Green, Harold T. (9) 1931-33; Hodges, Leigh Mitchell (4) 1933; Jonas, Louis, 1931; Matthews, C. H., Jr. 1933; Potter, Elizabeth Gray, 1933; Voigt Company, 1931.

ANSP. FUNDS, BY SPECIAL NAMES. Papers, 1853-1934. 89 items.

This collection contains material relating to bequests or to funds created by the Academy with money received as gifts. It includes receipts for donations, copies of wills, history of different funds, resolutions, accounts, lists of donors, bills, reports, memoranda and correspondence for some 75 separate entities. A card file of information on special funds is available in the manuscript office.

Archived. \*Coll. 511

FOWLER, HENRY WEED, 1878- History of Ichthyology in the Academy,  
1870-1951. 6 items.

The outstanding item in this collection is a talk given before the Naturalist Forum, in 1944. It consists of 52 pages, with 24 of them in Fowler's hand, written on varied sizes of paper, pasted on uniform sheets for preservation. Accompanying papers include a 36-page "Generic Index to the Collection of Fish in the Academy of Natural Sciences," which is tentatively identified as written by John A. Ryder, in 1870; Fowler's record of "Reptiles, Amphibians, Fishes" 1929; two papers about C. Few Seiss' collection of reptiles, batrachians, 1915; and a filing system for the classification of fishes, transcribed by Robert Harry Rofen, from that used in the U. S. National Museum, 1951.

In part, gift of the author, May 20, 1958. Coll. 512

COLLINS, ZACCHEUS, 1764-1831. Committee reports, 1821-27. 18 items.

The papers consist largely of memoranda and documents pertaining to Academy affairs. The reports of special committees are signed by Collins as a co-signer.

Archived, partly from the editor's copy of the first series of the Academy's Journal and partly from its "Official correspondence." Coll. 513  
Signers:

Bonaparte, C. L. 1825; Coates, B. H. 1825; Collins, Zaccheus (18) 1821-27; Godman, J. D. 1825; Griffith, R. E. (3) 1822-25; Haines, Reuben (3) 1825; Harlan, Richard, 1822; Hays, Isaac, 1822; Jessup, Augustus (3) 1822; Keating, W. H. (3) 1822; Lea, Isaac (2) 1822; Lukens, Isaiah (2) 1822-25; McEuen, Thomas, Jr. (2) 1821-27; Ord, George, 1825; Patterson, R. M. (2) 1822; Say, Thomas, 1822; Troost, Gerard (4) 1822; Vaux, Robert, 1825.

JOHNSON, WALTER ROGERS, 1794-1852. Papers, 1828-48. 4 items.

Scientist, teacher and writer, Johnson was associated actively with both the Franklin Institute and the Academy of Natural Sciences of Philadelphia. As educator, he was early concerned with better schools for instructing teachers and furthered the idea of free schools. His main interests were in the physical sciences, being a pioneer in studies of the properties of metal and coal. Geology also absorbed him and much of his later energies were devoted to that science. As a member of the Academy he served in several capacities; auditor, 1832-35; curator, 1835-37; member of the Publication Committee 1836-37; and corresponding secretary, 1841-48. He was chosen to deliver the address at the laying of the cornerstone of the Academy's new building in 1839. The original manuscript copy of this speech was recovered long years after, when the building was razed, from the cornerstone of the 1839 edifice, but meanwhile it had been published in the Proceedings.

Johnson was one of the founding members of the Association of American Geologists, which later became the Association of American Geologists and Naturalists. In Sept. 1847 this Association became the American Association for the Advancement of Science, and Johnson was elected the first secretary.

\*Coll. 514

KEATING, WILLIAM HYPOLITUS, 1799-1840. Papers, 1822-36. 5 items.

Mineralogist, geologist, professor of chemistry, mining engineer, lawyer, legislator and railroad executive, Keating was described as one of the best trained scientists in the United States. He studied in both Europe and America. Accompanied Major S. H. Long on the U. S. Expedition to St. Peters River and wrote a two-volume journal about it. He helped organize Franklin Institute. As a member of the Academy of Natural Sciences he acted as Recording secretary and member of the Publication Committee, from 1822-26. Included are three communications on minerals, read before the Academy, report of the Committee to procure diplomas for the founders and 50 pages of geological notes on Long's expedition.

\*Coll. 515

LEA, ISAAC, 1792-1886. Conchological annotations, 1829-31( ?) 2 items.

Notes and memoranda in two volumes of Say's works, namely (1) "Conchology", the proof sheets for an article in Nicholson's Cyclopaedia and (2) "Descriptions of some new Terrestrial and Fluviatile shells of North America, July 29, 1829".

Gift of L. T. Chamberlain, June 25, 1894.

\*Coll. 516

FOULKE, WILLIAM PARKER, 1816-1854. Diary, 1854. 3 items.

Foulke, an attorney and philanthropist of Philadelphia, was a man of wide interests. He concerned himself very seriously with prison reform, was instrumental in launching an Arctic expedition, and discovered, excavated, and gave to the Academy the skeleton of a Hadrosaurus.

In this collection is a typescript of sections of his diary which relate to Joseph Leidy, and a letter of presentation from E. A. Andrews, 1942.

Coll. 517

PATTERSON, ROBERT M. Papers, 1824. 1 item.

A criticism of a communication by Dr. Hare, entitled: "Remarks respecting Mr. Vanuxem's memoir on a product erroneously identified with the fused carbon described by Mr. Silliman", dated Jan. 8, 1824, and signed jointly with the second member of the Academy's Committee, Isaac Hays. Approval was given only if the author would eliminate or change those passages "which are calculated to prove personally offensive to Prof. Vanuxem".

Archived.

Coll. 518

BIRCH, THOMAS, 1779-1851. Miniature of Alex. Lawson. 1 item.

Birch, the son of an English painter, settled in Philadelphia about 1800, and became one of the better-known artists of his time, being especially famous for his marine subjects. This miniature of Alexander Lawson, the engraver, appears on the verso of the title-page of Lawson's biography of his daughter, Melvina. It is about four inches square, inscription reads: "Alexander Lawson by T. Birch." It has been reproduced facing page 48 in an article on Lawson's bird engravings in the Auk, vol. 43, 1926, p. 57-61.

Gift of Melvina Lawson and her sister, 1884(?).

Coll. 520

JANISH, JEANNE RUSSELL. Drawings of Scrophulariaceae, 1952. 189 items.

Mrs. Janish drew the figures for Leroy Abrams' Illustrated Flora of the Pacific States, vol. 3, 1951 in which F. W. Pennell's text on the Scrophulariaceae was incorporated. Because Pennell liked the drawings which Mrs. Janish prepared for him then, he engaged her to draw the figures of the plants of that family for his proposed work on the monograph of western Scrophulariaceae which was never published. The drawings are in pen and ink or in the first pencil draft, all labeled as to genus and species on the verso. Also 24 others, unnamed.

Archived with Pennell's papers in 1952 and 1962. Coll. 521

Genera represented: Agalinis, Asarina, Bacopa, Besseya, Brachystigma, Buchera, Collinsia, Cymbalana, Mazus, Mecardonia, Mimulus, Penstemon, Schistophragma, Scrophularia, Syntheris.

HANLEY, SYLVANUS CHARLES THORP, 1819-1899. Annotations of recent bivalve shells, 1842-56. 1 item.

Hanley was a British conchologist, who became a corresponding member of the Academy in 1867. This printed volume, his own "Catalogue" from his library, is interleaved and annotated. A small illustration, apparently cut from a plate is pasted in the margin, beside each shell description. Illustrated check list in back.

Purchased in London, 1900, by George H. Clapp, and presented by him to the Academy. Coll. 522

MARTINDALE, JOSEPH C., fl. 1866-1911. Papers, 1863-68. 32 items.

Pedagogue, historian and amateur botanist, Joseph Martindale concerned himself with collecting plants in the Philadelphia area. With his brother Isaac and brother-in-law, B. F. Saurman, he prepared the natural history for the work later published under Joseph C. Martindale's name, A History of the Townships of Byberry and Moreland . . . 1867. He maintained an exchange with Charles Eastwick Smith, sending various lists of plants, localities and general information about collecting in the area. The letters and lists were preserved with Smith's correspondence which was given to the Academy at his death in 1900 and archived to the Library in 1954. Coll. 523

FARLOW, WILLIAM GILSON, 1844-1919. Papers, 1908-11. 2 items.

American fungologist, Farlow did most of his work at Harvard. When studying the Academy's collection of type species of fungi which were collected, named and donated by L. D. von Schweinitz, he left the various pages of notes laid in the catalog of Schweinitz herbarium. The typed memorandum is entitled: "Notes on Certain Species [ 49 ] of Fungi in the Schweinitz Herbarium at Philadelphia." The second item is a letter signed W. G. Farlow.

Gift of the author.

Coll. 524

DURAND, ELIAS, 1794-1873. Papers, 1858-65. 7 items.

Pharmacologist, chemist and botanist, Durand was born and educated in France where he fought under Napoleon Bonaparte. Coming to America in 1816, he lived most of his later life in Philadelphia where he was active in the Academy of Natural Sciences, directing the botanical committee for many years. His interest in botany was kindled through an unfortunate transaction with Rafinesque who supplied a poor collection of American plants to Durand's friend in Paris. Feeling responsible for such a meager return on the money paid from Paris, Durand got busy and collected a fine herbarium for the Parisian. Durand's personal herbarium, including representatives from Nuttall's collections was deposited at the Paris Museum of the Jardin des Plantes in 1868. Besides many publications in Botany, he wrote memoirs of Thomas Nuttall, Elisha Kane and André Michaux. The present collection consists of three indexes to Herbarium Boraëli-Americanum, and to Short's Herbaria, one of North American and European plants, the other of West Indian and Central American species. Also a list of Schweinitz' herbarium and some notes and biographical papers are here filed.

Archived.

\*Coll. 525

BOUTLOU, A. Correspondence, 1907. 2 items.

A letter written from St. Peter's Rectory, Fairmount, W. Va., answers Edward J. Nolan's inquiry about a copy of Linné's Species Plantarum, 1753. The Rev. Boutlou agreed to send his copy of this rare book, in two volumes, to the Academy with the provision that "more modern" books on natural history be sent him in return. This letter along with the one written by Nolan to him on Dec. 4, 1907 is tipped in the front of the Species Plantarum, vol. 1.

Coll. 526

ANSP. FOUNDATION MEETING. Papers 1812. 8 items.

This collection of documents includes various copies of two distinct items; the first is a record of the activities of the meeting of January 25, 1812 when the group came together to consider the foundation of a society. Of the four copies of these minutes two are signed by the various persons concerned. The second document is a constitution for the new society dated, Philadelphia, March the 17th, 1812. There are three drafts of this constitution only one of which is signed by Camillous M. Mann, Secretary, Thomas Say, J. Gilliams, N. I. Parmantier, G. Troost and John Speakman.

\*Coll. 527

The signers of the documents:

Benezet, Samuel; Cutbush, James; Gilliams, Jacob; Mann, Camillous Macmahon; Parmantier, Nicolas I.; Say, Thomas; Shinn, John, Jr.; Speakman, John; Troost, Gerard.

ANSP. LIBRARY. Accounts, funds, etc. 1861-1953. 12 items.

Early financial accounts of the Library are included in the general accounting records of the Academy, but later the reports were listed separately. Included here are, expenses of the library and scientific publications, budgets, estimates of income, sales of duplicates, library reserves and related figures. After the current Library Committee was erected in 1933, the budget figures, bookbinding accounts, and special funds are reported by the Committee, or by the librarian in his annual report.

Archived, 1960.

\*Coll. 528

BRIDEL, SMAUEL ELISEE DE, baron, 1761-1828. Letter, 1802. 1 item.

Addressed to Dr. Schwägrichen discussing his recent paper and the desire to have specimens to compare with his own, Gothe, May 21, 1802.

Inserted in front of his Muscologia recentiorum seu analysis, Historia  
. . . v. 1. Coll. 529

SPEAKMAN, JOHN, fl. 1812-1845. Papers, 1845. 4 items.

Apothecary and patron of natural sciences, he interested some young men who visited his shop on 2nd and Market Streets, in founding the Academy of Natural Sciences in 1812. This apothecary shop has been referred to as, "a center of literary and scientific gossip." Speakman's abilities were in administrative rather than in the scientific aspects of the new venture. He acted as chairman of the preliminary meeting and later became the Academy's first treasurer, its first librarian and its first auditor.

His only scientific communication known to have been made to the Academy members was delivered on Jan. 21, 1845, and was referred to by Speakman as, "My views on the Operation of Nature." It was primarily a criticism of Joseph Black's opinion on light and his two kinds of heat. The Committee on Publications rejected the paper, only to have Speakman come back to the subject again and again. Finally at a meeting, March 4, 1845, the members voted to file the various communications in the Academy's archives. These papers, plus correspondence regarding his place of burial, make up this collection. Speakman's last attendance at an Academy meeting was April 2, 1845. Coll. 530

LeCONTE, JOHN EATTON, 1784-1860.† Papers, 1818-26. 49 items.

Versatile American naturalist, who published on plants, mammals, reptiles, insects, crustaceans and birds. Became a U. S. Army officer, reaching the rank of Major and usually distinguished from other naturalists of the same surname, by the use of that title. Was one of the founders of the Lyceum of Natural History of New York, member of the American Philosophical Society and Vice-President of the Academy of Natural Sciences of Philadelphia. He was the father of the coleopterist, John Lawrence LeConte, and warm friend of John Abbot, Lewis David von Schweinitz and John Torrey.

This collection consists of photographic copies of original botanical drawings, manuscript notes and pencil drawings found in the von Schweinitz papers at the Academy.

Provenance not known.

\*Coll. 531

LEIDY, JOSEPH, 1823-1891. Charts, for teaching, 1860-89. 58 items.

While teaching zoology at the University of Pennsylvania and in the Medical Department, Leidy constructed teaching charts for many aspects of his lectures. Some were drawn and signed by Leidy, some copied by him from textbook figures and still others were copied from texts by students under Leidy's supervision. These were stored in a great chest and used for years as teaching devices by his successors at the University. Because they are currently little used, the department agreed to deposit part of the collection at the Academy. Those chosen are signed by Joseph Leidy, or bear his hand-written legends and notes.

Deposited at the Academy of Natural Sciences, March 22, 1960. \*Coll. 532

MARTINDALE, ISAAC C., 1842-1893. Papers, 1871-93. 340 items.

While fundamentally a banker and businessman, Martindale was an accomplished naturalist, with interests largely in the fields of botany and entomology. Once treasurer and councilman of the Academy, vice-president of the American Entomological Society and Corresponding secretary of the Botanical section; also a member of the American Philosophical Society of Philadelphia. His collection of insects was purchased by the Academy. His botanical collection is a prized possession of the Philadelphia College of Pharmacy, donated by Smith, Kline and French.

Included are 339 letters and a bound catalogue of Martindale's collection of Lepidoptera.

Donated to the American Entomological Society by the author's widow in 1893 and deposited in the Academy's archives in 1949. \*Coll. 533

Signers:

Aaron, Carrie B. (6) 1890-92; Aaron, E. M. n. d.; Angus, James (16) 1890; Armstrong, Brother & Co. (2) 1890; Bean, Thomas E. 1892; Behrens,

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† His name was often signed "John LeConte" and since the name of John was used for various generations in naming children of the Le-Conte family, some confusion has arisen as to the identity of the various Johns.

James (3) 1890; Braun, Carl (35) 1890-92; Bruce, David (18) 1891-92; Christ, D. 1890; Clarkson, A. n. d.; Conradi, Adolph (5) 1890; Dorfinger, Joh. (21) 1890-91; DuPont, Louis (7) 1890-91;

Edwards, W. H. 1890; Fischer, Ph. 1889; Fontaine, J. C. (12) 1890-92; French, G. H. 1890; Frosch, E. L. (3) 1890; Gianelli, Giacinto (6) 1890-91; Holland, W. J. (10) 1891-92; Howard, L. O. 1891; Hulst, Geo. B. 1890; Johnson, C. W. 1871; Kelecsenyi, C. (3) 1890; Klages, Henry G. 1890; Langer, Franz (2) 1890;

Martindale, Isaac C. (6) 1891; Martindale, Elizabeth J. 1893; Mitchell, I. N. (5) 1890; Monteiro, A. A. Carvalho, 1890; Owen, Edward T. (4) 1892; Peck, George W. (5) 1890; Priddey, T. G. (13) 1890-92; Sikora, F., n. d.; Smith, Albert E. 1889; Smith, John B. (2) 1890; Snouer, Carl, 1890; Snow, F. H. (6) 1889-90; Staudinger, O. (4) 1892; Strecker, Herman (64) 1889-92;

Tauson, Edwardo, 1890; Thaxter, Roland, 1889; Tancre, R. 1890; Thedenius, C. G. H. (12) 1890-92; Thurston, Edgar, 1890; Ullrich, Lewis (6) 1889-90; Walker, C. W. 1889; Wallengren, H. D. J. 1890; Willard, Henry G. (6) 1890.

VIERECK, HENRY LORENZ, 1881-1931. Scientific papers, 1907-25. 67 items.

Philadelphian naturalist; Academy Jessup student; active in both the Entomological Society and the Entomological Section of the Academy; Entomologist in the U. S. Department of Agriculture; on the California Horticulture Board; in the Canadian Bureau of Entomology; his scientific annotations, monographs and working notes are here preserved. They consist of dissertations on various aspects of hymenopteran study, a diary of a collecting trip, honors and membership certificates in professional societies, applications and appointments for employment.

Gift by the author in part, and in part deposited by the Department of Insects some years before his death; others came to the Academy with his estate.

\*Coll. 534

FOWLER, HENRY WEED, 1878- North American Fishes, 1928-58. 5 bundles totaling 2420 pages.

Unpublished as yet, this monumental work is accompanied by 2,000 illustrations, of which 106 are in color. These occupy plates no. 1-372 (i.e. 382 plates including 17 in color), and may be found under Coll. 197, Group II. The work was started in 1928 and carried on intermittently through 30 years.

Donated by the author, April 1, 1960.

Coll. 535

BALES, BLENN RIFE, 1885(?) -1947. Papers, 1934-46. 465 items.

A medical attendant during the Spanish-American War, Bales followed his interests in natural history and became an explorer and malacologist. He amassed a fine collection of mollusks through collecting and exchange with other conchologists. He died some years before his wife and after the latter's death, Jeanne Schwengel contacted the son and bought the entire collection which she in turn presented to the Department of Mollusks at the Academy of Natural Sciences. He also had a fine collection of birds' eggs which was bequeathed to Ohio State University. These papers consist of some biographical material, a large collection of letters from conchologists, and 8 writings dealing with conchology or lists of specimens. These papers were acquired with Bales' shell collection through Jeanne Schwengel. \*Coll. 536

Signers:

Aldrich Museum, 1946; Althaus, Kenneth, 1944; Bales, B. R. (71) 1934-45; Battles, D. Blake, 1940; Beery, J. A., Jr. 1941; Boerstler, (Mrs.) E. W. 1945; Brand, Louis (6) 1945-46; Brookes, A. E. (14) 1942-46; Burch, J. Q. 1946; Carpenter, C. K. 1943; Cattell, Jaques, 1943; Clench, Wm. (6) 1945-46; Cockerill, Lillias F. 1945; Coe, E. F. 1945; Cook, W. P. (4) 1945; Dodge, Henry, 1945; Emerson, W. K. (2) 1946; Eyerdam, W. J. (2) 1945; Fargo, Wm. G. (3) 1943-45; Ford, Paul D. (4) 1942-43; Freire, Jose A. (7) 1944-45;

Gifford, D. S. (5) 1944; Gifford, E. W. (5) 1941-46; Gilmore, Howard (2) n. d.; Groendyk, H. 1946; Guitart, Raul P. (2) 1941; Hadley, (Mrs.) F. K. 1946; Hermann, H. W. (11) 1940-44; Hoffman, Agnes A. 1939; Hoffman, Fred S. 1936; Huffmann, Earl C. (5) 1945-46; Hulse, Shirley C. (3) 1944-45; Hyder, A. E. (2) 1945; Jackson, Ralph W. (2) 1945-46; Jacobs, H. J. 1945; Keen, Myra, 1941; Keyes, Wight (3) 1945; Kondo, Yoshio, 1945; Koto, Adele (8) 1946; Laidlow, F. F. 1942; Lewis, C. B. (6) 1942-46; Lincoln, W. E. 1938; Lochlin, Chas. R. n. d.; Lynn, C. W. (2) 1946;

McGinty, T. L. (18) 1938-46; Mack, E. L. 1944; Mehill, C. W. (2) 1946; Merren, H. O. (2) 1941-42; Milliken, H. K. 1940; Mart, Harold S. (8) 1939-45; Moses, R. N. (35) 1941-46; Nelson, C. D. (4) 1945-46; Parker, Jack, 1945; Platt, Rutherford, 1945; Rehder, H. A. (2) 1943-44; Robertson, Imogene C. n. d.; Robeson, Arthur, 1946; Schalie, H. van der (7) 1945-46; Schwengel, Jeanne S. (6) 1945-46; Short, F. W. (6) 1944-46; Sorensen, Andrew (2) 1943-44; Spicer, V. D. P. n. d.; Squires, Karl, 1946; Stevenson, A. G. (6) 1944-45; Sundler, B. J. (3) 1941-45;

Talmadge, Robert R. 1946; Thaanum, D. (4) 1942-46; Tomlin, J. R. le B. 1945; Turvera, Mr. 1942; Van Hyming, T. (3) 1945; Venmans, L. A. W. C. 1945; Voorhees, R. R. (2) 1938; Webber, F. S. (7) 1945-46; Weeks, Wm. H. (4) 1944-46; Wentzel, Karl C. (2) 1943; Wheeler, Harry E. 1944; Williams, Weir, n. d.; Wolf, Agnes E. n. d.; Worthy, Ida (10) 1944-45; Wrigley, Y. K. (2) 1942; Young, Catherine (2) 1945-46.

ANSP. AUDITORS. Reports and other papers, 1822-53. 49 items.

A letterbook in which 22 letters are handwritten by the Secretary of the Board of Auditors. R. Eglesfeld Griffith wrote 13 letters in 1824, S. G. Morton (2) 1826, J. V. Merrick (5) 1826 and Charles Hedelius (2) 1829. The minutebook covers the period from April 2, 1823 to July 2, 1830 and is written by Griffith, Morton, Carpenter, Merrick and Hedelius. The receipt book, 1826-1853 has 108 signed receipts for money paid by the Academy; this book includes the payments made to John Notman, architect and builder of the 1839 Hall of the Academy. Auditors' reports are loose, and for each year consist of quite a variety of records of special funds or committees. The years 1822 to 1829, 1834, 1837, 1877, 1881-82 are all represented. In the early days the auditors' committee of three was a very important part of the Academy administration. It kept the list of members with addresses, dues paid or in arrears, as well as recommendations for the betterment of the Academy's financial affairs in every situation. The accounts for the publication of the Journal, the responsibility of accepting the edition from the printer and presenting it at the Academy meeting, the mailing of the Journals and in fact the complete handling of matters in this connection, except the approval of papers to be printed in the Journal.

Archived from various secret files in the Academy's building in 1960.

Coll. 537

OBERHOLSER, HARRY CHURCH, 1870- Letters, 1894-1937. 262 items.

Primarily an ornithologist specializing in systematics, ecology and geographical distribution. His wide interest in conservation, made him most useful in the positions held in the U. S. Bureau of Biological Survey, the Dept. of Fish and Wildlife and more recently in the Cleveland Museum of Natural History. These letters are all addressed to Witmer Stone and concern, chiefly, his efforts as Chairman of the Subcommittee on Nomenclature, to prepare the American Ornithologists' Union's Check-list of North American birds, 4th ed.

Gift of C. M. B. Cadwalader, 1939.

Coll. 538

BRUNER, LAWRENCE, 1856-1937. Letter, 1886. 1 item.

Bruner's name is connected with Nebraska in the field of entomology, for in that state he took his education and later became its state entomologist. His special interest lay in the field of economic entomology and his studies of grasshoppers of the region are important. He did much collecting in western United States and in Mexico. The one letter of this early date was written from West Point, Nebraska and addressed to Ezra T. Cresson, Sr., being concerned with his knowledge of the early Nebraska Association for the Advancement of Science, whose publications appear in 1877. The letter is pasted in the back of a reprint from the Proceedings of this association, a reprint of two pages giving the original descriptions of Hymenoptera by a gentleman named La Munyon.

Archived from the American Entomological Society.

Coll. 539

CHAMBERLAIN, LEANDER TROWBRIDGE, 1837-1913. Isaac Lea Collection. Papers, 1894-1924. 61 items.

Historian, minister of the gospel and amateur naturalist, Chamberlain assembled a collection of Eocene fossils which he bequeathed to the Academy in memory of Isaac Lea, his father-in-law, and Frances Lea Chamberlain, his wife. The papers here refer to both the "Isaac Lea Collection" and the fund for its maintenance which is called the "Frances Lea Chamberlain Fund." A series of ten letters written during Chamberlain's lifetime about the collection is dated, 1894-1897 and written by Chamberlain, Dall, Nolan and Willcox. A longer series chiefly concerned with the "Frances Lea Chamberlain Fund" pertains to the arrangement of the transfer of Chamberlain's legacy to the Academy. All letters are arranged chronologically. A copy of the will is kept, dated September 28, 1915.

Archived.

Coll. 540

Signers:

Buckley, John J. (2) 1914; Cadwalader, John, 1921; Chamberlain, L. T. (8) 1876-1904; Dall, Wm. H.; Dooling, J. T. (14) 1915-24; Lord, Day & Lord (4) 1920-22; Morris, Roland S. 1914; Nolan, E. J. (2) 1894-97; Steere, J. M. 1915; Willcox, Joseph, 1897; Wilson, James R. (5) 1921.

SAGE, JOHN HALL, 1847-1925. Letters, 1890-1925. 286 items.

Banker, Ornithologist and museum curator, Sage was an ardent member of the American Ornithologists' Union. This correspondence with Witmer Stone concerned Union business, editorial matters for the Auk and historical and biographical details of bird men throughout this country.

Gift of C. M. B. Cadwalader, 1939.

Coll. 541

POTTS, HOWARD NEWCOMB, 1819-1906. Papers, 1906-24. 58 items.

Potts was a prominent Philadelphia lawyer. He campaigned over the country for the election of Lincoln in 1860, and was a frequent White House visitor. He became a member of the Academy in 1873, and upon his death left a bequest including monetary donations and a farm, stipulating these should constitute a perpetual fund, the income to be used for aid of natural history students at the Academy. This collection consists of a copy of his will, accounts of the executor, maps of the farm area and correspondence about the same. Since the correspondence was carried on by officials only, and not by people known in the field of natural history, the names of these have not been listed.

Gift, 1924, archived from the attic files in 1960.

Coll. 542

PENNSYLVANIA UNIVERSITY. Papers regarding the possible removal of the Academy to the University campus, 1889. 6 items.

In April, 1889 the Provost of the University, William Pepper sent to the officers of the Academy an invitation to move their institution to the campus of the University. The Academy's Council considered the proposal, disapproved it, and reported its reasons in detail to the Academy's membership. The members, agreeing with the council, voted against the move. The papers include the original proposition, resolutions of both the Council and the Academy, and a statement by the Academy's president, General Isaac J. Wistar.

Gift, 1889.

Coll. 543

Signers of documents and letters:

ANSP. Council; Heilprin, Angelo; Morris, Charles; Nolan, E. J.; Pepper, William; Redfield, John H.; Ruschenberger, W. S. W.; Wistar, Isaac J.

CHASE, HARVEY H. Annotations, 1889-90. 3 items.

These annotations occur in Frederick Habirshaw's Catalogue of the Diatomaceae, 1890, the publication of which was accredited to Chase.

Coll. 544

SULLIVANT, WILLIAM STARLING, 1803-1873. Mosses and Liverworts of the United States, 1857-72. 1 item.

Sullivant, a native of the Northwest Territory, was a graduate of Yale. A wealthy man, he was able to effectively indulge a broad interest in natural history. Leaning first toward ornithology, then conchology, he finally focused his whole attention on botany. He then specialized further, and became the world's authority of his time on the mosses and liverworts. He was a corresponding member of the Academy.

This collection consists of interleaved additions, corrections, and ecological notes covering 183 pages. Bound into letterpress volume of the Mosses and Liverworts, by William S. Sullivant (a part of Asa Gray's manual of the Botany of the Northern United States, 2nd edition, 1856.) There is a note on the fly leaf by Andrew D. Rodgers, III, author of a definitive biography of Sullivant, which says the interleaved notes are in the hand of Sullivant, and that this may have been his own interleaved copy, which he presented to C. F. Austin.

Archived from the herbarium of the Academy in 1952.

Coll. 545

CHESTER, FREDERICK DIXON, 1861- Geological map of Delaware, 1884.  
1 item.

Geologist, mineralogist and botanist, specializing in mycology, this scientist lived most of his active life in Delaware, where he was associated with Delaware College, the Agricultural experiment station and with local societies. An original map of his published treatise on Delaware geology, is preserved, bound in the Academy's official copy of its Proceedings, v. 36, plate 5, 1884.

Gift of the cartographer, 1884.

Coll. 546

HAYDEN MEMORIAL AWARD. Papers, 1888-1947. 109 items.

The Hayden Award consists of a medal and honorarium, which under the deed of gift are presented once every three years as a reward for the best publication, exploration, discovery or research in the sciences of geology or paleontology. Mrs. Emma W. Hayden set up the fund in 1888 as a memorial to her husband, Ferdinand Vandever Hayden, who had been director of the U. S. Geological Survey and a member of the Academy. The collection contains historical items, biographies of recipients, presentation and acceptance addresses, reports and notifications of awards, and correspondence.

Archived.

Coll. 547

WOODWARD, JOSEPH JANVIER, 1833-1884. Photo-micrographs, 1871-76.  
80 items.

This Brevet Lieutenant Colonel, assistant surgeon in the U. S. Army, prepared photo-micrographs of histological preparations by an improved method of using sunlight in 1871. Later he prepared photo-micrographs mounted on cards for the International Exposition of Philadelphia of 1876. The latter was apparently an exhibition put up by the War Department. Our collection, while not complete, illustrates various categories: (1) Diatoms, 20 plates; (2) Insect scales, mosquitos, gnats, 10 plates; (3) Mammalian blood, 13 plates; (4) Mammalian ovaries, 7 plates; (5) Arteries, veins and capillaries, 14 plates; (6) Other histological subjects, 16 plates.

The collection came to the Academy from two sources, a gift of the officials of the Philadelphia Exposition and a bequest from the library of James Aitken Meigs in 1895.

Coll. 548

LENNIG, CHARLES. Chrome ore lands. Papers, 1867-68. 18 items.

Philadelphia businessman and president of the Tacomy Chemical Works, he joined the Academy of Natural Sciences in 1847. In 1867, when the trustees of the building fund were making a concerted effort to get money for the new building, Charles Lennig donated to the Academy some chrome ore lands in Chester County. These were sold, but a royalty clause retained some income for the Academy besides the principle gift. These papers have one letter from Lennig advising the sale of the property to Messrs. Powers and Weightman, the original document signed by eleven Academy members for the acceptance of the donation, and various other letters and documents.

Signers of letters and documents: Coll. 549

Bridges, Robert, 1867; Budd, J. B. 1867; Bye, E. M. (5) 1867; Jeanes, Joseph, 1867; Leidy, Joseph, 1867; Lennig, Charles, 1867; Powers & Weightman (2) 1867; Ruschenberger, W. S. W. (2) 1867; Sparks, Thomas (2) 1867; Tryon, G. W., Jr. 1867; Vaux, W. S. (4) 1867-68; Welsh, John, 1867; Whelen, E. S. 1867; Wiley, W. W. 1867; Willstach, W. P. (4) 1867.

BENT, ARTHUR CLEVELAND, 1866-1954. Letters, 1903-37. 99 items.

Ornithologist, with special interest in distribution and life histories. Professionally associated with the museum of Comparative Zoology and the Smithsonian Institution he also belonged to many ornithological organizations, being at one time the president of the American Ornithologists' Union. His scientific activities resulted in a 20-volume series of Life Histories of North American birds, which were issued as Bulletins of the U. S. National Museum between 1919 and 1958.

His letters were written to Witmer Stone and concerned ornithological topics.

Gift of C. M. B. Cadwalader, 1938. Coll. 550

CURRIER, A. O. Annotations, 1859? 1 item.

Additions and notes to his "List of shells collected in the Grand River, Mich., Valley" of 1859, the annotations being signed A. O. C. Bound with Hartmen's, Classified catalogue.

Gift of George W. Tryon, Jr. Coll. 551

CUVIER, GEORGES, Baron, 1769-1832. Letter, 1832. 1 item.

Letter from Cuvier thanking "la Societé d'entomologie" for an honor conferred on him, with promise to send dues.

Inserted in Annales de la Societé Entomologique de France, vol. 1, 1832, following page 466, and apparently undetected when the volume was supplied to the Academy's library in later years. Coll. 552

LEIDY MICROSCOPICAL CLUB. Papers, 1909-30. 11 items.

In 1868, the Biological department of the Academy, through union with the Microscopical Society of Philadelphia became the Biological and Microscopical Section of the Academy. This continued to 1924, when the Section became the Leidy Microscopical Club. The minutes of the Club are contained in Coll. 295, relating to the Biological and Microscopical Section.

This collection contains correspondence, a list of the Club's property (1930), an account of a meeting, and 5 letterpress annual programs of expeditions (1923-1927), prepared by joint committees including George L. Pennock, Eva B. Gadsby, Frank J. Keeley and Chalkley T. Palmer. The first two of these programs are for the Biological and Microscopical Section in collaboration with the Mineralogical and Geological Section. Coll. 553

Signers of letters:

Boyer, Carl, 1926; Morris, J. Cheston, 1909; Palmer, T. Chalkley, 1926.

GIBSON, LANGDON, 1866-1923. Correspondence, 1893-1926. 21 items.

Industrialist and amateur naturalist and ornithologist, Gibson accompanied Stanton's Expedition to the Grand Canyon in Colorado. Later he went to North Greenland on the first Peary Expedition sponsored by the Academy of Natural Sciences, as ornithologist. His collection was incorporated in that of the Academy and the report written up by Witmer Stone and published in the Proceedings. This correspondence consists of 18 letters signed by Gibson and 3 by his wife Katherine B. Gibson. One of the latter contains most of the biographic information used by Witmer Stone in his obituary notice, The Auk, vol. 44, p. 293, 1927.

Gift of the authors, 1923-26.

Coll. 554

PILSBRY, HENRY AUGUSTUS, 1862-1957. New York Land and Fresh-Water Mollusks. 510 items.

An unpublished monograph on New York Land and Fresh-Water mollusks, with accompanying original watercolor and black and white drawings and correspondence about them. During the first decade of the century the New York State Museum employed Pilsbry to prepare this work. It contains over 1200 pages of typed text and the original hand-written copy, 67 colored plates, 58 pencil or ink plates, and over 300 text-figures. The colored plates, mostly by Helen Winchester, although some are by Pilsbry who learned the technique from her, and scattered figures by Pilsbry, Barkentine and W. P. Davison are unusually fine. It is understood the paper was not published because of lack of funds.

Deposited by the Department of Mollusks, 1959.

\*Coll. 555

Signers:

Adams, Charles C.; Clarke, John M.; Van Deloo, Jacob; Van Name, Willard G.; Winchester, Helen; Barkentine, Mr.; Davison, W. P.

DAVIS, JOSEPH BARNARD, 1801-1881. Presentation and Reference, 1854.  
1 item.

Ethnologist and craniographer, Davis sends an abstract of a paper entitled, "On the Forms of the Crania of the Ancient Britons" addressed: "to George R. Gliddon Esq., one of the authors of 'Types of Mankind' with J. B. D.'s very kind regards." This manuscript of Davis is inserted in a reprinted article pasted in the back of Gliddon's "Types of Mankind", 1854. Coll. 556

SCHWEINITZ, LEWIS DAVID von, 1780-1834. Floras of various areas in Europe and America, 1806-33. 12 items.

In Schweinitz' time, the first responsibility of a botanist was to compile a flora of his geographic environment. As Schweinitz moved around a great deal in his work with the Moravian Church, unusual opportunities arose. A scanning of his titles gives a summary of his travels around Europe and in America.

There is mention in print that Lewis David von Schweinitz worked on a flora of Nazareth when he was in attendance at the Moravian school in that town in Pennsylvania. In his library was preserved a flora of that area with an appendix. However, the original list was done by Samuel Kramsch, von Schweinitz' teacher and the index and supplement were written by Denke. There is no evidence in publications or manuscripts that Schweinitz ever wrote such a flora.

Donated in part by Eugene A. Rau in 1931, the remainder bequeathed by George de Schweinitz in 1938. \*Coll. 557

PHILADELPHIA BOTANICAL SOCIETY. Correspondence and Lists of members, 1891-1946. 168 items.

Official correspondence of the Society for the years mentioned and lists of members, with addresses, years for which dues were paid, and reasons for leaving the Society. Some news clippings and obituary notices are included. The list of members is contained in three notebooks (1) 1891-1922, Arthur N. Leeds, Treasurer (2) 1922 (?) - 1938 (3) Former members, 1891-1937.

Gift of the Society under the authority of Benner and Long, September 18, 1959. \*Coll. 558

Signers:

Alderfer, A. S. 1932; Ashe, W. W. 1931; Baker, James F. 1915; Ball, Frank, 1916; Barnhart, John Hendley, 1937; Baxter, Samuel Newman, 1937; Benner, Walter M. 1945; Bentley, Jasper T. 1933; Best, G. N. (3) 1905-07; Bollinger, O. P. n. d.; Boyer, Carl, 1945; Brainerd, Edith B. 1907; Brown, O. H. 1914; Bunting, John S. 1914; Burgin, (Mrs.) Herman, 1935; Burnham, Stewart H. 1911; Cadwalader, Charles Meigs Biddle, 1936; Carter, Joel J. (3) 1907; Crawford, (Mrs.) Joseph D. 1936;

Dallas, (Mrs.) T. B. 1933; DeCoster, Minerva (2) 1907; Dowell, Philip (3) 1906-07; Duersmith, Leonard J. (2) 1931-45; Eckfeldt, John W. n. d.; Evans, (Mrs.) Edward W. 1941; Fogg, John Milton, Jr. 1941; Fosberg, F. R.

## Coll. 558 (cont.)

1941; Fraser, (Mrs.) George B. 1938; Frazier, (Mrs.) W. W., Jr. 1933; Fretz, C. D. (2) 1907-15; Fulweiler, John H. 1936; Griest, Ellwood, 1933; Griffith, Bartram W. 1907; Hand, Louis E. (5) 1939-46; Harshberger, John William (2) 1912; Heller, Amos Arthur, 1914; Hermann, Frederick J. 1932; Himalayan Research Institute, 1931; Hobbs, William F. 1941; Huber, F. F. 1911;

Kast, Clara, 1932; Kaufman, Pauline, 1907; Keffer, Edward I. 1932; Kraemer, Henry (2) 1907-17; Lakin, H. Pearce, 1932; Leeds, Arthur Newlin, (24) 1915-37; Lewis, (Mrs.) Paul, 1933; Lisi, Alfred G. 1937; Lloyd, Francis Ernest, 1906; Long, Bayard, 1941; McGowan, William E. (2) 1932-33; McVaugh, Rogers, 1940; Marshall, (Mrs.) Donnell, 1940; Medsger, Oliver P. 1906; Melchior, D. Momfort, 1915; Merrill, E. D. (2) 1945; Mulford, Fanny A. 1907; Mumbauer, Joseph R. 1911; Murray, Joseph Edward, 1935;

Nearing, Guy G. n. d.; Newhall, (Mrs.) Thomas, n. d.; Omensetter, Letitia L. 1941; Ostheimer, Elizabeth G. 1933; Otis, J. P. 1912; Palmer, Walter, 1934; Paul, (Mrs.) Theodore, 1945; Pennell, Francis Whittier (4) 1934-46; Pennock, Edward, 1939; Pollard, Charles Louis, 1907; Price, Fenis W. 1907; Prince, John W. 1933; Randolph, Evan, 1933; Rankin, Walter M. 1907; Redles, George, 1937; Ridenour, W. E. 1916; Roddy, H. Justin, 1931; Roseman, Lillian, 1911; Rowe, Julia W. 1935; Rusby, H. H. 1907;

Saunders, C. F. (3) 1914-15; Schafer, J. A. (3) 1905-06; Schellenberg, F. Z. (3) 1906; Schramm, Jacob R. 1939; Shafer, John D. (2) 1906; Silvester, L. Valdeman, 1907; Smith, A. C. 1945; Smith, Annie Merrill, 1907; Sowden, Lee (3) 1940-41; Steere, William Campbell, 1931; Streeper, Edward V. 1933; Stuart, Kenneth E. 1933; Sumstine, D. R. 1906; Svenson, Henry K. (2) 1934; Taylor, W. Randolph, 1932; Tees, Grace M. 1941; Thomas, (Mrs.) W. Hersey, 1935; Thomas, W. Stephen (4) 1939-40; Troth, Henry, 1907; Van Pelt, Samuel S. (2) 1916; Van Pelt, William T. (3) 1935; Vrooman, Helen, 1946; Wagner, Paul R. 1935; Wherry, Edgar Theodore, 1933; White, Edward J. (2) 1931-35; Windle, M. E. 1907.

DeHAVEN, ISAAC NORRIS, 1847-1924. Papers, 1895-1926. 17 items.

DeHaven was an enthusiastic amateur naturalist with a special interest in birds, and for two years president of the Delaware Valley Ornithological Club. His personal cabinet of birds came to the Academy after his death.

In this collection are letters of both I. N. DeHaven and of his sister Hannah; two biographical sketches; accounts of a grackle roost in Lancaster County; and of a trip to Cape Charles, Va.

Gift of Hannah DeHaven, 1926.

Coll. 559

AMERICAN MEDICAL ASSOCIATION. Papers, 1960. 9 items.

Letters, memoranda, typescript history and photo-transparency, all concerning painting by Robert Thom, of the foundation meeting of the American Medical Association at the Academy of Natural Sciences of Philadelphia, May 2, 1847. Picture is one of a series on History of Medicine made by Thom for Parke, Davis and Co. For additional data on meeting, see Academy minutes, March 2 and 16, 1847.

Gift, in part, of Parke, Davis and Co.

Coll. 560

BROWER, AUBURN EDMOND, 1899- Correspondence with Frank Morton Jones, 1936-56. 323 items.

An entomologist, working mostly in the northeastern part of the U. S., centered in Maine. Refers to collecting and identifying Lepidoptera which was a project of Frank Morton Jones, during summers at Martha's Vineyard. Of the letters included, 173 were signed by Brower and 150 are carbons of Jones' side of the correspondence. Only a few are in holograph, most of them being typewritten. Some other authors appear and an autobiographical account of Brower may be found in the 1944 folder.

Gift of Frank Morton Jones, 1960.

Coll. 561

Signers:

Clark, J. E. Gates; Darlington, Emlen; Dow, R. P.; Kimball, Charles, P.; Procter, William.

JONES, FRANK MORTON, 1869-1962. Records, 1937-52. 74 items.

Correspondence relating to the translation and publication of Andreas Hesselius' Journal; and to collecting, identifying and preserving Lepidoptera of Martha's Vineyard, Mass., with records of catches, ecology and the final distribution of specimens taken.

Gift of Frank Morton Jones, and delivered to the librarian by Frank McDermott, January 6, 1960.

\*Coll. 562

KIMBALL, CHARLES P. Papers, including correspondence with Frank Morton Jones, 1936-58. 823 items.

Joint author of Lepidoptera of Nantucket and Martha's Vineyard Islands, Mass., 1943 with Frank Morton Jones, Publication, Nantucket Maria Mitchell Association, v. 4. The papers include records of "Baits and Traps for Lepidopters," list of "Lepidoptera from Nantucket Island" by A. Bolter, and "English names for Lepidoptera" by C. W. Johnson. The correspondence covers two distinct fields, namely Lepidoptera collecting in Nantucket and Martha's Vineyard on the one hand, and collecting the same group in Florida, on the other.

Gift of Frank Morton Jones, and delivered by Frank McDermott, January 6, 1960.

\*Coll. 563

Signers:

## Coll. 563 (cont.)

Bolter, A. (4) n. d.; Johnson, Charles Willson, n. d.; Hessel, Sidney A. 1958; Jones, Frank Morton (309) 1936-58; Kimball, Charles P. (389) 1936-58; Science press Printing Co. (6) 1942-43; Woodson, Helen W. 1941.

JONES, FRANK MORTON, 1869-1962. Papers (except biological correspondence), 1883-1959. 201 items.

At the age of 16 Jones began a journal of his field work in Lepidoptera, this being the year before he graduated from High School. No significant break in the recording of Lepidopterous catches is noticed in his journals which end in September 1959. His collections of general Lepidoptera and his cabinet of bagworms and their moths were extensive and have been variously deposited in the museums of the U. S. National Museum, Boston Museum of Natural History, Academy of Natural Sciences of Philadelphia, the University of Delaware and the Delaware Society of Natural History.

Papers include Journals and Reports of regional biological studies, especially in the field of Lepidoptera, resulting in lists for Delaware and for Martha's Vineyard, where Jones spent summers for many years. He published on concealing coloration and on insect food preferences of birds. His contributions to the knowledge of pitcher plants and other carnivorous plants and their associated insects are outstanding. Various details of his personal biography and some personalia complete the papers. \*Coll. 564

Signers:

Akin, Paul F. (2) 1926; Allen, Elsa Ga. (13) 1956-58; Barber, H. S. (2) 1941; Barney, C. N. (3) 1943; Bassett (Mrs.) Victor H. (8) 1938-51; Burdick, C. Lalor (12) 1946-57; Calvert, Philip (6) 1943; Farquhar, Donald Wells (11) 1947-52; Kelsey, D. A., Jr. (8) 1943; Kimball, Charles P. (11) 1943; Mackall, Leonard (3) 1926; Proctor, William (14) 1943; Robeson, L. B. (3) 1926; Saylor, Addie B. (3) 1926; Tatnall, Robert R. 1948; Walcott, Mary Vaux (3) 1937-38.

JONES, FRANK MORTON, 1869-1962. Biological correspondence, 1893-1959. 1,470 items.

These holdings do not include all of Jones's correspondence in the field of biology, since he believed that collections, papers and letters about material from a given region should be deposited and preserved in that area. Other letters have been distributed among various individual correspondents, Boston Museum of Natural History, Society of Natural History of Wilmington, Delaware, and the U. S. National Museum. The Academy's collection contains letters from 166 authors who wrote a total of 934 letters plus 536 answers by Jones.

Gift of Dr. Jones, September 29, 1959.

Coll. 565

Signers:

Abbot, C. G. 1935; Adams, J. W. (2) 1951; Atwood, Clifton (4) 1915-18; Baldwin, G. Mark, 1933; Baldwin, William (5) 1937-52; Baldwin, (Mrs.)

William (3) 1952-54; Bancroft, Edward, 1933; Barber, Herbert S. 1929; Barnes, William (2) 1919; Beatty, George Ruddell, III (3) 1945-46; Beebe, William (2) 1920; Bell, Edward (2) 1931; Bell, Ernest L. (5) 1926-59; Benson, Seth B. (4) 1935; Bird, Henry (296) 1907-57; Bird, Junius, 1951; Bourgoigne, Jean (2) 1958; Braun, Annette F. (4) 1945-48; Brower, Jan VanZandt (2) 1954; Brown, Stewardson, 1909; Brues, C. T. (2) 1947; Buchholz, Otto (7) 1945-50;

Calvert, Philip P. (15) 1907-55; Cantrall, Irving J. 1937; Carpenter, F. M. 1947; Carpenter, G. D. Hale (5) 1939-48; Carpenter, Harland A. 1950; Carpenter, R. R. M. (2) 1947; Cary, (Mrs.) C. Reed (10) 1950-54; Cattell, Jacques, 1956; Clark, Austin H. (12) 1932-51; Clark, B. Preston (3) 1919; Clarke, J. F. Gates (64) 1937-59; Cleveland, Llewellyn (3) 1944; Cockerell, Theo. D. A. 1943; Coe, Ernest F. 1930; Coker, W. C. 1928; Cole, F. J. 1933; Collenette, C. L. 1932; Collinge, Walter E. 1933; Comstock, John Henry (2) 1895-1906; Conant, Roger (8) 1944-48; Connell, W. A. 1953; Cott, Hugh B. (6) 1935-55; Cottam, Clarence (2) 1933; Cruickshank, (Mrs.) Allan D. (3) 1953-55;

Darlington, Emlen P. (30) 1937-50; Darsie, Richard F., Jr. 1950; Davis, Jolie, 1893; Dodge, H. R. (15) 1950-55; dos Passos, Cyril F. (25) 1948-57; Dow, Richard P. (36) 1933-41; Doyon, Dominique (3) 1956; Dozier, H. L. 1930; Dukes, W. C. (16) 1919-22; DuPont, E. I. (5) 1800?; DuPont, Irene, 1895; Dyar, Harrison G. (2) 1909; Emerson, Alfred, 1938; Engelhardt, George P. (38) 1920-42; Eustis, George D. (4) 1932 (?); Evans, Francis C. (4) 1936-37; Evreinov, Frances, 1953; Ewan, Joseph (7) 1951-56;

Fairchild, David, 1931; Fales, John H. (3) 1950; Ferguson, Douglas C. 1958; Fogg, John, 1936; Forbes, William T. M. (2) 1925; Fowler, Henry Weed, 1922; Franclemont, John G. (7) 1938-50; Freeman, T. N. (3) 1943-46; Funk, Forest J. 1950; Ghika, George (2) 1952-58; Glen, Robert, 1951; Gling, George, 1936; Goodhart, L. McCormick, 1943; Graustein, Jeannette E. 1949; Greenewalt, C. H. (16) 1954-55; Griffin, Francis J. 1932; Grossbeck, John A. (2) 1911; Guild, William (52) 1950-56;

Hadley, C. H. (4) 1945; Hall, Gaylord C. (6) 1916-29; Hanson, H. H. 1933; Harper, Francis, 1949; Harshberger, John W. (4) 1919-21; Haskin, N. R. 1931; Heikertinger, Franz, 1936; Heinrich, Carl (4) 1928-50; Hepburn, Joseph S. (2) 1953-55; Hessell, Sidney A. 1954; Hill, Arthur W. 1932; Holdaway, F. G. 1933; Houghton, C. O. 1933; Howard, Leland Ossian (5) 1897-1913; Howe, Oliver H. (3) 1935-36; Hubbell, Theodore H. (3) 1939-47; Hullihen, Walter, 1931;

Isely, F. B. 1938; Jackson, A. D. 1928; Jacoby, Helen E. 1912; Johnson, Charles W. (27) 1903-32; Johnston, James W. 1933; Jordan, Karl (5) 1928-43; Kearfoot, W. D. (5) 1908-09; Kellogg, Remington (3) 1950-56; Klots, Alexander B. (5) 1941-52; Kluijver, H. N. 1934; Knab, Frederick, 1916; Latham, Roy (9) 1949-54; Laurent, Philip, 1912; Leonard, M. D. 1925; Lewis, W. D. (13) 1951-52; Linton, M. Albert, 1951; Loding, H. P. (4) 1919-33; Lovell, Phebe B. 1931; Lutz, Frank E. (5) 1919-31;

## Coll. 565 (cont.)

MacCreary, Donald (3) 1954-58; McDermott, Frank Alexander (21) 1927-57; McDunnough, James H. (3) 1921-50; Macfarlane, John M. 1933; Macy, Ralph W. (3) 1950; Mather, Bryant (7) 1953-58; Matteson, J. Harold, 1933; Mehta, Dev Raj, 1933; Milliron, H. E. 1953; Moose, Harry, 1930; Morton, Emily L. 1889; Muesebeck, C. F. W. 1947; Munroe, Eugene G. (2) 1952; Mutchler, Andrew J. 1919;

Ogilvie, Lawrence (2) 1928; Parks, H. B. (15) 1925-48; Pellew, Marion J. n. d.; Pennell, Francis W. (2) 1948-51; Perkins, John A. 1951; Philip, Cornelius B. (2) 1936-49; Phillips, Maurice E. 1951; Phillips, Venia T. (7) 1951-59; Pickel, B. H. (2) 1945; Pierce, W. Dwight, 1935; Price, W. A. 1928; Prout, Louis B. 1943;

Ralfs, E. M. 1956; Rehn, James A. G. (9) 1909-55; Remington, Charles L. (21) 1949-58; Richards, A. Glenn (6) 1937-45; Riley, C. V. (2) 1890-92; Roberts, H. R. (2) 1954; Robinson, Mark, 1951; Robinson, Winifred J. n. d.; Rothrock, Boyd Pl. (3) 1914-15; Rupert, L. R. (18) 1943-50;

Schmieder, Rudolf, 1935; Schoonover, Frank E. 1927; Severin, H. C. (2) 1933; Shelford, V. E. (2) 1922; Shepard, Harold A. 1926; Sherman, Franklin, 1907; Silvert, F. 1933; Simpson, Charles T. 1930; Skinner, Henry (5) 1892-1922; Slosson, Annie Trumbull, 1905; Small, John K. (3) 1923-24; Smith, John B. (4) 1893-1909; Smith, Lyle B. 1925; Smith, M. R. 1929; Soule, Caroline Gray, 1905; Stearns, L. A. 1951; Steiniger, Fritz (3) 1925-37; Stone, Hugh E. (2) 1928-51; Stone, Witmer, 1933; Strecker, Herman (3) 1898-99; Suffert, Fritz (2) 1934-39; Sullivan, Helen, 1952; Sumner, F. B. (3) 1935; Sweetmen, Harvey L. 1935;

Taber, W. S. 1949; Tams, W. H. T. (11) 1924-45; Taylor, Hugh, 1955; Taylor, Wm. C. 1955; Taylor, William Randolph, 1921; Thomas, Edwards (2) 1933-52; Thomas, F. L. 1927; Tietz, H. M. 1937; Tollefson, H. A. 1951; Tracy, S. M. 1911; Trist, C. G. 1938; True, Philip (2) n. d.; True, Rodney H. (7) 1921-36; Valinger, Leon de (3) 1951; Van Aller, Thomas S. (3) 1922-26; Van Duzee, Edw. P. (3) 1909; Vazquez, Leonila, 1956; Verdoorn, Franz (2) 1953; Vorhies, C. T. (2) 1933-43;

Walter, E. V. 1929; Warnecke, George, 1936; Watson, Frank E. (14) 1916-22; Weber, Neal A. (2) 1947-49; Weiss, Harry B. (2) 1955; Wheeler, W. M. n. d.; Wheelock, W. D. (3) 1929-30; Wildman, Edw. E. 1948; Wilkinson, Norman B. 1957; Williams, C. B. n. d.; Williams, R. C. 1942; Winchester, Helen, 1933; Worrilow, G. M. 1958; Worth, C. Brooke, 1928; Wright, W. S. 1918; Wyatt, Alexander K. 1944; Yeomans, 1935; Ziegler, J. Benjamin (2) 1950.

ANSP. Correspondence (not analyzed), 1801-1934. 401 items.

Miscellaneous letters, assembled from various sources. The contents pertain to Academy affairs, its committee reports, policies and general administration. This series is kept apart from the "official correspondence" on the basis of its not being calendared. Alphabetized by authors.

Archived.

Coll. 566

Signers:

Allen, Harrison, 1896; Arschagouni, John, 1894; Atkinson, Edwin C. 1897;

Bach, C. T. 1927; Baiza, E. A. 1903; Barber, Edwin A. (2) 1912; Bartlett, Bob (2) 1934; Baur, G. (20) 1894; Beard, J. C. 1870 ?; Bearse, Russell (2) n. d.; Bell, John, 1834; Benet, Clarence S. 1885; Bengel, Elmer (2) 1895; Benson, R. Dale, n. d.; Biddle, Cadwalader, 1895; Biddle, Owen, 1877; Biddle, Thomas (4) 1912; Birkinbine, John, 1904; Bower, George R. 1896; Bowers, George M. (2) 1903-05; Bravo, José J. (2) 1924; Bricker, William H. 1894; Britton, Evelyn G. 1903; Brown, A. D. 1865; Brown, Arthur E. (2) 1894-95; Brown, William, 1855; Browse, Thomas, 1865; Bryant, Henry S. (2) 1895;

Cadwalader, Charles M. B. (6) 1927; Cake, Joseph, 1816; Calvert, Philip P. (3) 1902-32; Canby, William M. 1863; Chamberlain, L. T. 1895; Chapman, Henry C. 1894; Chase, Edwin, 1885; Chase, Pliny E. 1878; Clapp, George H. 1927; Clarke, Helen A. 1889; Clarke, John M. 1921; Colton, Harold S. 1923; Conklin, E. G. 1925; Cope, Edward Drinker (10) 1888-96; Cresson, E. T. 1894; Cumington, William, 1878; Cummins, W. F. 1894; Cuthbert, M. 1893;

Dall, William H. 1902; Davis, G. C. 1905; Dixon, Samuel G. (5) 1890-1915; Doud, V. G. 1912; Drinker, Henry S. 1905; Dunham, Marcus W. 1927; Du Ponceau, Peter S. 1801; Eckfeldt, Thomas W. (2) 1898; Eglin, William C. L. 1924; Eigenmann, Rosa S. 1890;

Farley, R. B. 1895; Foote, A. E. (3) 1893-96; Fox, Herbert, 1912; Fox, Wm. J. 1926; Frazar, M. Abbott, 1927; Fuller, Edward, 1927; Gabb, W. M. 1875; Giddings, Franklin H. (2) 1894; Goddard, Paul B. 1841; Goode, G. Brown (3) 1893-95; Gordon, S. G. 1918; Gregory, Herbert E. 1925;

Hamburgh, Daniel, 1816; Hancs, H. F. 1878; Hanna, G. D. 1927; Hanson, Law. 1816; Harkin, J. B. (2) 1927; Harmer, A. C. 1885; Harrison, Chas. C. 1895; Harrison, Geo. L. 1927; Hart, Chas. Henry (3) 1878; Hatcher, J. B. 1897; Hebard, D. L. (2) 1927; Hebard, Morgan (2) 1926-32; Heckel, G. B. 1894; Hedley, Charles, 1923; Henderson, W. C. (2) 1927; Henszey, Geo. C. 1864; Herrick, Francis, 1932; Hewitt, Wm. K. 1877; Hinton, Martin A. C. 1934 ?; Hirase, Y. 1915; Hopley, Catherine C. 1885; Hubbs, Benjamin (2) 1838; Hurst, Cecil P. 1921;

Inouye, Kinosuke, 1924; Ives, J. E. (2) 1893; Jeanes, J. 1878; Jordan, James L. 1927; Kaeber, H. A. 1907; Kane, Francis Fisher, 1927; Keeley, F. J. (2) 1926-27; Keeley, Jerome, 1901; Kinderdine, R. N. 1871; King, D. Rodney (2) 1868; LeConte, J. L. (2) 1877-78; Leeds, Arthur N. 1935; Leidy,

Joseph, 1869; Leidy, Joseph, II (2) 1924-32; Letzig, Ant. 1882; Lewis, H. C. 1884; Lincoln, Frederick C. 1927;

Macalester, C. 1867; MacCalla, W. A. 1902; McCauley, C. A. H. 1879; McClung, C. E. 1926; McCook, Henry C. (4) 1878-1911; McCook, John B. 1889; McIlhenny, C. A. 1927; McMurrich, J. Playfair, 1924; McQuillen, J. H. 1876; Malcolm, Geo. F. 1927; Manger, Wm. 1924; Martindale, Isaac C. (3) 1878-91; Matsumoto, K. 1924; Meehan, Thos. 1891; Meigs, J. A. 1858; Miller, Gerrit S., Jr. 1913; Mitchell, Ed. Craig (2) 1863-64; Montgomery, Thos. H. 1905; Montgomery, (Mrs.) Thos. H. 1905; Moore, J. P. (13) 1912-27; Morris, Charles (2) 1894; Morris, Effingham B. (7) 1927-34; Morton, A. V. n. d.; Motschoulsky, Victor de, n. d.;

Neilson, Lewis, 1898; Nelson, Julius, 1907; Newberry, J. S. 1869; Nolan, E. J. (3) 1891-1902; Oberholser, Harry C. 1927; O'Neal, Walter C. 1927; Orcutt, Charles Russell, 1884;

Palmer, T. Chalkley, 1890; Parker, C. F. (2) 1877; Parry, Lou M. 1893; Peary, R. C. (2) 1893; Pennell, F. W. 1924; Penrose, Boise, 2d, 1927; Penrose, R. A. F. (9) 1924-26; Pepper, William (2) 1884; Perot, Charles P. (4) 1891-94; Phillips, Alfred I. 1876; Phillips, Geo. Brinton (2) 1914-24; Phillips, John C. 1927; Porter, Thos. L. 1899; Prior, G. T. 1926;

Rankine, W. J. 1863; Reber, Louis E. 1904; Redfield, John H. 1890; Redington, Paul G. (3) 1927; Rehn, J. A. G. (6) 1925-38; Reichenow, Ant. 1925; Rinker, David (5) 1897-98; Robertson, Wm. Egbert, 1924; Rowe, L. S. 1924; Ruschenberger, W. S. W. 1877; Ryder, John A. 1892;

Schaffer, Charles, 1893; Schweinitz, G. E. de, 1923; Sclater, P. L. n. d.; Service, J. S. 1841; Sharpe, John, 1818; Sheldon, H. P. (4) 1927; Skinner, Henry, 1926; Smith, Edgar F. 1924; Smith, Rosa (11) 1883-85; Smith, Uselma C. 1894; Speakman, Thomas Say, 1876; Speakman, John n. d.; Stewart, Franklin, 1876; Stiles, C. W. 1930; Stone, Witmer (4) 1926-27; Storer, D. Humphreys, 1838; Strecker, Herman, 1879;

Taylor, William Randolph, 1925; Thomas, Wilbur K. (2) 1927; Thomson, John, 1902; Travis, W. G. (2) 1912; Trotter, Spencer (2) 1927; Tryon, Geo. W. Jr. (3) 1876; Underwood, P. H. 1927; Vaux, George Jr. (4) 1926-27; Vaux, Wm. S. (3) 1865-71;

Waldo, Leonard, 1926; Ward, Charles Sumner (3) 1927; Wardle, H. Newell, 1912; Wenrich, D. H. 1923; White, Trumbell, 1927; Willcox, Joseph, 1926; Wilson, G. 1816; Winchell, A. 1856; Wistar, Isaac J. 1892; Wood, James F. n. d.; Wyatt, M. D. 1926.

This large collection of Academy correspondence includes its only assortment of official letters. It was assembled as the corresponding secretary's file by Edward J. Nolan and continued by James A. G. Rehn. Analyzed, in part, by Rehn the task was completed by WPA help during the 1930's. Nolan, in his official capacity as corresponding secretary, librarian, editor and chairman of the Academy's publication committee, preserved a great number of his answers. He kept holographic copies of 1,469 letters addressed to some 557 recipients.

In surveying the collection, non-official letters concerning individuals were removed to other collections. Those referring to the exchange of publications were transferred to collection 344. The companion collection 566 contains similar correspondence which has been segregated only because it is not calendared. \*Coll. 567

Signers:

Aaron, (Mrs.) Carrie Baily (3) 1900-11; Aaron, Eugene Murray (2) 1884-1902; Abadie, E. H. 1857; Abbe, Cleveland, 1888; Abbot, Charles Greeley (4) 1919-20; Abbot, George Maurice (3) 1892-1919; Abbot, Griffith Evans (14) 1884-1931; Abbot, Henry Larcom, 1857; Abbott, Alexander Crever (2) 1914-15; Abbott, Charles Conrad (2) 1882-86; Abbott, Francis R. (2) 1891-1905; Abbott, James Francis, 1899; Abbott, William Louis (2) 1889-91; Abelever ? 1914; Abert, John James (3) 1833-47; Abrisqueta, Luis de, 1890; Adam, C. F. 1916; Adams, Charles, 1886; Adams, Charles Baker (11) 1845-52; Adams, H. F. 1852; Adams, William A. 1918; Adamson, Charles, 1914; Adamson, J. Constantin, 1855; Adamson, William S. 1884; Addis, T. B. M. 1887; Adelung, Nicolas d', 1902; Adler, Cyrus (2) 1899-1905;

Agardh, Carl Adolf, 1835; Agassiz, Alexander (5) 1862-88; Agassiz, Louis (4) 1837-55; Aguilar, Antonio (3) 1861-63; Ahern, George P. 1903; Ahern, M. E. 1898; Ahlstrand, J. A. 1872; Ahrens, George, 1892; Akhurst, John (2) 1867-68; Alatrisme, S. L. 1919; Aldrich, Truman Hemingway (13) 1867-1905; Alessandrini, Giulio, 1894; Alexander, Charles P. (8) 1914-23; Alexander, Charles W. 1888; Alexander, John J. 1875; Alger, Francis (3) 1854; Allan, George S. 1857; Allen, Albert H. (2) 1906-09; Allen, Bennet M. 1903; Allen, Ezra, 1920; Allen, Glover Morrill (3) 1901-18; Allen, Harrison (23) 1868-95; Allen, Joel Asaph (14) 1868-1916; Allen, William F. (3) 1904; Allen, William H. (3) 1851-54; Allinson, George B. 1848; Allinson, Samuel, Jr. 1832; Allis, Edward Phelps, Jr.; Allport, Hobart, 1880; Almroth, Nils Wilhelm, 1821(?); Altanas, John, 1848; Alvarez, Mr. d' 1868; Alvarez, M. V. 1868; Alvord, Henry E. 1894;

Ambrosi, A. (2) 1911-19; Ames, Alice (2) 1886-87; Ames, J. G. (3) 1876; Amghino, Florentino (2) 1891; Amilon, Ella P. (2) 1900; Amissah, R. K., Jr. 1919; Anders, James M. (4) 1888-1917; Anderson, A. E. 1918; Anderson, E. H. 1920; Anderson, John R. (3) 1911; Anderson, Joseph W. (3) 1891-92; Anderson, M. B. 1866; Anderson, William, 1865; Anderson, William Downs, 1897; Andersson, Aksel, 1906; Andre, Ernest (2) 1884; Andrews, Avery D. (2) 1912; Andrews, Clement W. (2) 1895; Andrews, E. A. (2) 1905; Andrews, George, 1869; Andrews, Roy Chapman, 1914; Antheaume, Louis, 1886; Anthony, Edward, 1862; Anthony, Harvey Mitchell (2) 1913;

## Coll. 567 (cont.)

Anthony, Henry T.; Anthony, John Gould (3) 1833-68;

Ape, Edwin C. 1888; Archambault, A. M. (2) 1914; Arctowska, Jane (2) 1917; Arendts, Carl, 1877; Armistead, W. J. 1919; Arms, Jenny Maria, 1908; Armstrong, Irvin, 1870; Arnold, Crawford, 1892; Arnold, Edward, 1897; Arnold, James G. (4) 1868-71; Arnold, James G. (2) 1868-69; Arnold, Joseph A. 1915; Arnold, Ralph, 1912; Arnold, S. B. 1892; Arnott, S. 1906; Arnoult, Eugene, 1836; Arringae, Jose Joaquin, 1874; Arschagouni, John, n. d.; Arthur, Joseph Charles (9) 1886-1918; Ashburner, Charles A. 1878; Ashe, William Willard, 1901; Ashhurst, Astley, P. C. (2) 1910; Ashhurst, Francis, 1885; Ashhurst, John, Jr. 1882; Ashhurst, R. L. 1892; Ashhurst, Richard, 1902; Ashhurst, Samuel, 1894; Ashley, George H. (3) 1919-20; Ashmead, Samuel (3) 1856-64; Ashmore, Laura, 1887; Ashton, Thomas G. (3) 1912-17; Ashworth, J. H. 1889; Ashworth, J. R. 1911; Aspinwall, John, 1901;

Atkinson, A. M. 1907; Atkinson, George F. 1888; Atkinson, William B. 1886; Atlee, Walter F. 1891; Auber, Pierre Alexandre, 1835; Auchincloss, William S. (3) 1879-92; Audubon, Victor G. (3) 1840-57; Aufour-Vernes, Louis, 1895; Augstrom, And. Jon, 1869; Austin, Coe Finch, 1870; Austin, George Lowell, 1871; Austin, J. H. 1909; Austin, O. P. (6) 1918-19; Austin, Willard, 1911; Autran, Eug. 1890; Averell, William D. (3) 1885-88; Ayers, Howard, 1902; Ayers, William, 1878; Ayres, William O. 1855;

B., J. L. 1852; Bache, Alexander Dallas (5) 1845-67; Bache, Franklin (3) 1823-1914; Backhouse, James, 1869; Bacon, William H. 1847; Baer, O. P. (2) 1862; Bafsan, Fr. 1896; Bagge, M. Flarato, 1863; Bailey, Anne Bell, 1916; Bailey, H. B. (2) 1879; Bailey, H. D. 1916; Bailey, Jacob Whitman (2) 1854; Bailey, Liberty Hyde, 1888; Bailey, S. C. H. (3) 1891; Baily, Joshua Longstreth, Jr. (3) 1893-1912; Bains, Arthur A. 1917; Baird, Lucy H. (3) 1903-13; Baird, Spencer Fullerton (48) 1841-86; Baird, William (3) 1846-55; Bakala, Ferdinand, 1910; Baker, A. B. 1882; Baker, Charles E. 1895; Baker, Charlotte A. 1920; Baker, Elizabeth, 1913; Baker, Frank C. (15) 1889-1908; Baker, Fred (3) 1917; Baker, George C. 1891; Baker, George Fales (3) 1887-91; Baker, Washington H. 1891;

Balch, Edwin Swift (7) 1885-1906; Balch, Francis N. (2) 1917; Balchelder, Charles F. 1901; Baldamus, E. 1856; Balderston, C. C. 1889; Baldwin, A. G. 1891; Baldwin, Samuel Prentiss, 1889; Balfour, Issac, 1919; Balfour, J. Hutton (2) 1842-70; Ball, John (2) 1884; Ball, Michael Valentine (7) 1892-1920; Ballard, Harlan H. 1886; Baltzer, A. 1882; Bancroft, Edward, 1893; Bancroft, George, 1848; Banes, Warner J. 1893; Bangs, Outram, 1909; Banks, Nathan (30) 1890-1920;

Barabino, Joseph (5) 1831-33; Barber, Edwin Atlee (6) 1876-1900; Barber, Henry A. 1875; Barbier, 1836; Barbosa du Bocage, Jose Vicente (4) 1867-78; Barbour, Edwin Hinckley, 1892; Barbour, Thomas (25) 1903-19; Barcena, Mariano, 1874-76; Barclay, J. Judson, 1857; Barclay, R. D. (2) n. d. & 1907; Bardeleben, Karl, 1887-88; Barker, George Frederick (2) 1891; Barker, Wharton (3) 1868-98; Barlow, Chester (11) 1899-1902; Barnard,

James M. (2) 1862-65; Barnard, W. C. 1911; Barnes, G. W. 1885; Barnes, John (2) 1878; Barnes, Oliver W. 1867; Barnes, P. T. (8) 1916-19; Barnes, William, 1919; Barnett, C. R. (11) 1909-20; Barnett, Thomas (2) 1868; Barnum, Thomas R. 1895;

Baroni, Eugenio, 1894; Barrande, Joachim, 1860; Barratt, John Perkins, 1847; Barrelle, L. M. 1894; Barrett, Edward (2) 1914-15; Barringer, Daniel Moreau (27) 1914-17; Barris, W. H. 1858; Barrois, Charles, 1878; Barron, Hermandez, 1914; Barrow, W. Bruce, 1915; Barrows, W. E. (2) 1900-01; Barrows, Walter G. 1910; Barrows, William Morton (2) 1913-15; Barry, A. Constantine, 1853; Bartlett, A. W. 1904; Barton, Edward, 1815; Barton, Susan Rhea (2) 1882; Barton, William Paul Crillon (2) 1831-54; Bartram, Edwin B. n. d.; Bascom, James F. 1900; Bass, (Mrs.) R. P. n. d.; Bass, John M. 1906;

Bassett, D. A. 1880; Bassett, Ebenezer D. 1869; Bassett, Homer Franklin (4) 1862-64; Bassons, F. (8) 1912-14; Bastian, H. Charlton (2) 1902; Bastian, J. 1877; Batchelder, Charles Foster (2) 1884; Bateman, Lee Latrobe, 1918; Bates, A. E. 1907; Bates, George A. (2) 1880-1907; Bates, Henry Walter, 1878; Bates, John, 1842; Battles, Frank (2) 1888-89; Batz, William De, 1879; Baudouir, Marcel, 1916; Baudon, A. 1867; Baumgarten, A ? (2) 1867; Baumgartner, Andreas, 1865; Baur, George (33) 1888-91; Baxter, Henry F. 1890; Baxter, J., 1913; Baxter, J. H. (2) 1866; Bayline, Ignacio Ribera, 1905; Bayne, J. L. H. 1882;

Beachler, Charles S. 1889; Beadle, E. R. 1870; Beadle, Heber H. 1893; Beale, J. F. 1916; Beale, Lionel S. 1880; Bean, B. A. 1897; Beates, Henry, Jr. 1915; Beath, Robert B. (5) 1910-13; Beaugrand, Ch. 1895; Beaumont, Elie de, 1833; Beaver, James A. 1889; Bebb, M. X. 1881; Bechler, W. H. 1885; Bechtinger, Joseph, 1887; Beck, Charles F. (3) 1827-59; Beck, John C. n. d.; Beck, Lewis C. 1833-52; Beck, (Mrs.) Sarah R. G. 1859; Beck, Theodore Romeyn (13) 1822-50; Becker, I. T. (2) 1849-52; Beckmore, A. S. (2) 1869; Beclard, Ferdinand n. d.; Beddone, C. E. 1883;

Beebe, C. William, 1915; Beebe, Edward H. (2) 1863; Beebe, William (3) 1918-24; Beebe, William L. 1880; Beekley, William M. (2) 1915; Beeman, T. W. 1894; Beer, William (4) 1914-20; Belfield, T. Broom, 1894; Belhatte, C. (2) 1918-19; Bell, J. Frank, 1858; Bell, John, 1834; Bell, Mary, 1892; Bell, Robert, 1893; Bell, S. N. 1863; Bell, Samuel D. 1861; Bell, Thomas, 1835; Bellingeri, C. F. 1824; Bellotti, Christopher (4) 1894-95; Bellows, Horace M. (2) 1890-98; Bellows, John (3) 1891-92; Belt, Thomas, 1878; Beman, J. S. 1868; Bement, Clarence S. (2) 1885-88;

Benade, William H. 1885; Bender, Charles J. 1919; Beneden, Edouard van, 1898; Benedict, George W. 1840; Benedict, James E. (4) 1897; Benge, E. 1905; Benjamin, D. 1893; Benjamin, Marcus (4) 1886-88; Bennett, C. W. 1894; Bennett, D. N. 1857; Bennett, Edward, 1863; Bennett, Edward Turner (5) 1833-36; Bennett, F. S. 1896; Bennett, H. R. 1916; Bennett, James Gordon (3) 1891; Bennett, W. H. (2) 1916; Benneville, James S. de (2) 1892-96; Bentham, George, 1879; Bentley, Henry, 1893; Benton, Frank (2) 1894; Benton, N. S. 1845;

## Coll. 567 (cont.)

Beraud, C. B. 1854; Berg, Carlos (3) 1879-82; Berg, Joseph F. 1869; Bergh, R. 1887; Beringer, George M. (4) 1895-96; Berkey, Charles P. 1910; Berlese, Antonio (3) 1896-99; Berliner, E. 1888; Bernard, P. 1913; Bernardi, L. 1861; Bernhisel, John M. (2) 1850; Berry, Edward W. (6) 1916-18; Berry, H. M. (3) 1919-20; Berry Samuel Stillman (27) 1907-19; Berthoud, Edward L. (3) 1867-75; Bertillon, Louis Adolphe, 1866; Bertolet, R. M. 1876; Berzelius, J. Jacob (3) 1827-48; Bessels, Emil (2) 1876-77; Best, G. N. (2) 1884-88; Bettle, Edward, Jr. 1891; Betts, Charles M. (4) 1887-1891; Betts, H. M. 1887; Bevan, W. 1911;

Bibbins, Arthur (3) 1898-1919; Bicking, Edward J. 1896; Bickmore, Albert S. (3) 1885-1911; Bicknell, Eugene P. 1918; Bicknell, Percy F. 1895; Biddle, A. Sydney, 1889; Biddle, A. W. 1881; Biddle, Charles, 1836; Biddle, Edward (2) 1911 & n. d.; Biddle, George W. (2) 1880-90; Biddle, Harriet (2) 1893-94; Biddle, J. B. 1854; Biddle, M. Georgia, 1917; Biddle, Owen, 1881; Biddle, Thomas (5) 1907-1915; Biddle, William, 1915; Biddle, Thomas A. 1892; Bidwehr, J. H. 1847; Bien, Julius, 1890; Bierrenbach, J. Cesar Bruno, 1902; Bierstadt, Edward, 1887; Bigelow, William, 1854; Bilgram, Hugo, 1913; Bille, Steen Andersen, 1834; Billings, Elkanak (3) 1856-72; Billings, John S. (6) 1862-99;

Binder, George A. (3) 1892-93; Binder, Harry, 1893; Binder, Horace (34) 1887-96; Binder, Jacob (10) 1886-92; Binder, Ralph, 1893; Binney, Amos, 1845; Binney, William Greene (14) 1856-1907; Binswanger, Clara, 1884; Biorklund, Jakob, 1883; Birckhead, Mary Lawson (2) 1891; Bird, Arthur F. (23) 1906-19; Bird, William (2) 1888; Birkinbine, John, 1895; Bischoff, Gerh. G. 1852; Bishop, E. H. 1847;

Black, G. V. 1877; Black, J. C. 1890; Blackwood, W. R. D. 1890; Bladen, Elizabeth S. 1902; Bladen, W. Wells (2) 1905; Blain, A. W. (6) 1903-11; Blair, Andrew, 1891; Blair, J. B. 1871; Blair, R. S. (2) 1874; Blaisdell, Frank E. 1891; Blake, Charles W. 1857; Blake, Doris H. (4) 1925-29; Blake, James H. 1869; Blake, Joseph, 1866; Blake, Maurice B. 1861; Blake, Robert Fulton, 1913; Blake, Warren Barton (2) 1897; Blake, William Phipps (5) 1856-85; Blakiston, P. (6) 1885-1918; Blanchard, Misses, n.d.; Bland, Thomas (10) 1858-75; Blanding, S. (3) 1833-38; Blanding, William (2) 1826-50; Blatchley, William Stanley (6) 1883-1919; Bliss, Arthur Ames (3) 1891-96; Bliss, Edward P. (5) 1884-98; Blodgett, Frederick H. 1911; Blogg, Harriet, 1917; Bloodgood, H. T. 1882;

Boardman, H. A. 1854; Boaz, Franz (7) 1889-1920; Boccone, Pasquale, 1914; Bodine, J. H. 1918; Bodine, Samuel T. (2) 1916; Bodley, Rachael L. (2) 1883; Boehner, G. 1892; Boeck, Carl Wilhelm (2) 1870-72; Boettger, Fred, 1893; Bohatta, A. 1876; Bohmanson, Seth, 1903; Boice, R. C. 1890; Bois, Christen, 1879; Boivin, Am. 1864; Bok, William J. (2) 1900-16; Bolles, Frank (6) 1887-91; Bolling, Robert, 1892; Bollman, C. H. (2) 1889; Bolton, H. Carrington, 1883; Bombille, (Mrs.) S. A. (3) 1889; Bond, Henry (2) 1850; Bonebright, J. E. 1897; Bonnell, Henry H. 1917; Bonner, Daniel S. 1892; Bonner, R. O. 1934; Bonnier, Jules (3) 1903-12; Bonsall, Charles Y. 1864; Bonte, J. H. C. (5) 1891-95;

Boohle, William Lemuel, 1872; Bookwalter, F. M. 1870; Boot, Francis, 1862; Booth, James Curtis (2) 1843-85; Borda, E. 1854; Borden, Edward P. 1869; Borden, E. Shirley (3) 1896-1903; Borden, Samuel, 1833; Borgmann, Emil 1894; Borie, A. 1833; Bornbraeger, Arthur, 1919; Borre, Alfred Preudhomme de 1877; Borsari, Prof. 1888; Borst, George H. (5) 1911-16; Bory de St. Vincent, 1826; Bos, P. G. 1906; Bossange, Leopold, 1884; Bosscha, J. 1903; Bossone, F. n. d.; Botta, V. 1878; Botto, Juan (2) 1894-1914; Bouardiz, G. 1916; Boucard, Adolphe, 1878; Boue, Ami, 1853; Boulogne, Bois de, 1861; Bountrager, Mr. 1920; Bourguignat, Jules René (6) 1884-89; Bourne, William Oland (4) 1843-85; Boutlou, A. (3) 1907-08; Bouve, Thomas T. 1881;

Bowen, Eli (2) 1859; Bowen, John, 1823; Bower, W. H. 1900; Bowers, Frank G. 1920; Bowers, Stephen (3) 1879-80; Bowker, R. (2) 1898; Bowman, A. H. 1848; Bowman, F. C. 1871; Bownocker, J. A. 1913; Boyce, Robert, 1906; Boyce, W. D. 1913; Boye, C. R. 1841; Boyé, Martin H. 1842; Boyer, Charles S. (8) 1900-20;

Brace, L. J. K. 1903; Brackenridge, William Dunlop (4) 1845-90; Braden, Oliver, 1892; Bradford, Mr. 1892; Bradford, J. H. 1842; Bradford, Thomas Hewson, 1891; Bradley, (Mrs.) E. 1882; Bradley, Frank H. (10) 1868-71; Bradley, James Chester (6) 1907-24; Bradley, Thomas, 1893; Bradley, William B. 1889; Bradshaw, H. (2) 1919; Brady, George Stewardson, 1871; Brady, Henry B. (2) 1887; Bramsen, Luis (3) 1843; Brandegee, Katherine (2) 1892; Brandis, Julius, 1888; Brandon, Joseph W. (5) 1891-93; Branner, John C. (9) 1887-1914; Brannon, Peter A. (2) 1907; Bratt, Arthur (3) 1916-18; Braun, Annette F. (21) 1913-15; Braun, H. M. (3) 1910-11; Brazier, John (9) 1881-95;

Breck, Samuel (3) 1839-54; Bredenbek, A. 1913; Breed, J. Howard, 1898; Breed, Robert S. 1910; Breed, William P. (2) 1858-74; Breignet, C. 1917; Breneman, A. A. 1869; Brevard, Caroline M. (2) 1905; Brevoort, J. Carson, 1866; Brewer, Emilia F. 1885; Brewer, F. M. 1841; Brewer, Thomas Mayo, 1876; Brewer, William Henry, 1866; Brewster, Sir David, 1868; Breyer, H. G. 1915; Brice, John J. 1896; Bridges, George, 1852; Bridges, Robert (5) 1839-71; Bridgham, Joseph, 1889; Briggs, S. A. 1868; Brigham, Clarence L. 1916; Brigham, William Tuffs, 1868; Brine, T. F. 1894; Bringhurst, William, 1894; Brinton, A. 1888; Brinton, Daniel G. (44) 1858-98; Brinton, J. Bernard, 1882;

Britcher, Horace W. 1892; Britton, Elizabeth G. 1911; Britton, J. Blodget (4) 1871-91; Britton, Nathaniel Lord (6) 1890-1900; Britton, Wilton Everett, 1912; Brock, J. P. 1872; Brock, John W. 1903; Brockett, Paul (9) 1914-20; Broderip, W. J. 1837; Brodhead, G. W. (5) 1889-91; Brocwiss, E. 1894; Bromfield, Arnold, 1847; Brongniart, Adolphe Theodore (2) 1821-25; Brongniart, Charles, 1859-1899; Bronn, Heinrich Georg (3) 1843-44; Brooke, F. M. 1892; Brooks, Noah W. 1896; Brooks, Theodore (4) 1903-17; Broomall, Henry L. n. d.; Brot, Aug. (9) 1868-87;

Brown, A. D. (4) 1862-68; Brown, A. E. 1913; Brown, Amos P. (20)

## Coll. 567 (cont.)

1891-1916; Brown, Arthur Erwin (39) 1876-96; Brown, B. B. 1838; Brown, Calvin S. (2) 1916-17; Brown, Charles, 1831; Brown, E. T. 1881; Brown, Geole, 1863; Brown, H. G. (2) 1856-59; Brown, Helen, 1889; Brown, J. F. 1871; Brown, J. Johnson, 1858; Brown, J. R. 1886; Brown, John A. Jr., 1893; Brown, John C. 1890; Brown, Moses, 1887; Brown, R. J. 1888; Brown, Richard (5) 1846-48; Brown, Robert S. 1918; Brown, Samuel Horton, 1918; Brown, Stewardson (6) 1892-1915; Browne, Carlotta Herring, 1917; Browne, Jno. C. 1857; Browne, Maurice A. 1914; Browne, P. A. (8) 1818-55; Brownell, W. A. 1884; Brownne, John S. 1886; Brownne, Robert H. (2) 1850; Browse, Thomas, 1864;

Brubaker, Albert P. 1882; Bruckart, H. G. 1862; Brucke, Ernst, 1854; Brullé, Aug. 1857; Brumbaugh, Governor, 1918; Brumbaugh, G. M. 1897; Bruner, Henry Lane, 1918; Bruner, H. F. 1887; Brunner, Johannes, 1886; Brunton, W. Y. 1879; Brusina, Spiridion (3) 1874-76; Bruyn, N. N. 1874; Bryan, Oliver N. 1868; Bryan, T. M. (2) 1875-79; Bryant, Henry G. (19) 1891-1920; Bryden, Alex, 1891; Bryn, H. 1912; Bryne, J. P. (2) 1899-1900; Bucher, Ethel Sherwood, 1913; Buck, A. E. 1870; Buck, C. Elton (3) 1866-67; Buckenham, J. E. Burnett (2) 1893-1920; Buckhout, William A. (4) 1877-1916; Buckley, Edwards, 1907; Buckley, Edward S. Jr. (2) 1892-93; Buckoine, A. V. Schulte, 1860; Buckton, George Bowdler, 1877; Buell, E. J. 1892; Buider, Victor, 1917;

Buldley, J. Henry, 1852; Bullock, Benjamin, 1892; Bullock, Charles, 1879; Bullock, David Jayne (3) 1890-92; Bullock, Warren B. (3) 1920; Bunhaker, A. P. 1903; Bunol, J. Esteban, 1910; Bunting, Samuel (2) 1890; Burckland, Felin H. 1917; Burden, J. R. 1831; Burdge, Marshall J. 1877; Burgin, Caroline A. 1907; Burk, Edmund J. n. d.; Burk, Jesse Y. (3) 1899-1900; Burk, W. H. 1892; Burkiel, J. A. 1914; Burlay, Rud. C. 1856; Burn, Arthur Gerwin (3) 1901-06; Burn, Frank, 1890; Burnett, (Mrs.) William H. 1917; Burnett, Waldo Irving (2) 1851; Burns, P. L. 1917;

Burr, Charles W. 1918; Burrough, Marmaduke (4) 1831-39; Burt, John L. 1851; Busch, G. Von dem (2) 1867; Bush, Katherine Jeannette (4) 1898-1910; Bush, (Mrs.) M. A. 1866; Bushe, R. P. 1917; Bute, George H. (2) 1831-32; Butler, John M. 1858; Butler, W. H. (5) 1886-88; Butterfield, W. Webster (2) 1866-70; Button, Joseph, 1854; Butts, E. 1890; Buzby, (Mrs.) George L. n. d.;

Cadwalader, J. S. 1890; Cadwalader, John (17) 1890-1919; Cadwalader, John, Jr. 1920; Cadwalader, Richard M. 1893; Cady, Bertha Chapman, 1916; Cady, F. E. (2) 1916; Cahall, W. C. 1888; Cailliaud, Frederic, 1867; Caldwell, J. E. 1862; Caligny, Marquis de (4) 1865-83; Calker, F. P. van, 1906; Calkins, W. W. (5) 1869-81; Call, R. Ellsworth (8) 1880-93; Callan, Mattie, 1885; Calmette, D. A. 1912; Calverly, Stephen (3) 1848-62; Calvert, Philip P. (33) 1893-1920; Calver, Louis (2) 1902-03; Camac, C. N. B. (2) 1900; Camac, William (2) 1894; Cambridge, O. P. 1895; Cameron, J. D. 1888; Cameron, J. L. 1902; Cammermeyer, Alb. 1878;

Camp, J. N. 1864; Camp, John L. 1878; Campbell, A. J. (9) 1922-27;

Campbell, J. Addison (3) 1891-93; Campbell, (Mrs.) J. B. 1915; Campbell, Jane, 1913; Campbell, John, 1919; Campbell, John H. (5) 1885-1890; Campbell, John M. 1894; Campbell, L. L. 1890; Campbell, Mary A. (2) 1898; Campbell, R. H. (3) 1869-1914; Campbell, Ruth, 1936; Campbell, Sarah, n. d.; Campbell, W. W. 1915; Campbell, William G. (3) 1893-1914;

Canby, William Marriot (5) 1861-95; Candell, A. N. 1899; Candezi, E. 1877; Candolle, Alphonse de, 1886; Canfield, James H. 1905; Cannarillo, Enrico, 1901; Capellini, Giovanni (2) 1896; Capp, Seth, Bunker (4) 1878-1910; Capp, William M. 1875; Carbonell, Celedo, 1859; Cardesa, John T. M. (2) 1891; Carena, Hyacinthe, 1826; Cary, E. D. (2) 1833; Carey, H. C. 1825; Carey, Josh E. 1870; Carleton, Mark Alfred, 1894; Carnegie, Andrew (2) 1887-89; Carnegie, Morris (2) 1900-02; Carnel, T. (5) 1880-93; Carpenter, C. C. (2) 1886; Carpenter, Everett, 1916; Carpenter, George Washington (43) 1830-56; Carpenter, George Washington, Jr. (2) 1902-04; Carpenter, L. Henry (4) 1866-1907; Carpenter, Philip Pearsall (9) 1862-75; Carpenter, W. M. (2) 1840-47;

Carrington, Campbell, 1872; Carrington, John T. 1899; Carrington & Co. (3) 1869-71; Carroll, E. H. 1889; Carroll, Mitchell (2) 1915-18; Carson, Hampton L. 1902; Carson, Hiram (2) 1842-91; Carson, Jno. K. 1871; Carson, Josephine, 1920; Carson, Robert D. (2) 1914-15; Cartailhac, Emil, 1877; Carter, Alice (2) 1891; Carter, Gilbert T. (2) 1902; Carter, Henry J. 1883; Carter, J. Van A. 1871; Carter, John E. (2) 1896-1912; Carter, Oscar C. S. 1889; Carter, Robert, 1858; Carter, Samuel R. (3) 1866-67; Carter, Sarah S. (3) 1886; Carus, F. Victor (3) 1879-96; Carver, Mahlon, 1868; Carvier, A. O. 1865; Cary, E. D. (2) 1833; Cary, E. R. 1868;

Casanova, J. N. (2) 1833-38; Case, Isaac L. 1894; Case, Lucian B. (6) 1865-70; Casey, Thomas Lincoln (18) 1884-1910; Cash, A. D. 1859; Caspar, C. N. (7) 1886-96; Caspary, Robert, 1881; Cass, Lewis (2) 1831-32; Cassatt, A. 1893; Cassedy, W. S. 1886; Cassin, Charles L. 1869; Cassin, John (5) 1843-52; Cassino, Samuel E. (39) 1870-1887; Cassion, A. L. 1888; Castello, Eugene (2) 1912; Castillo, Ant. del, 1874; Castle, D. M. 1897; Castner, Samuel J., Jr. (3) 1894-1917; Catlin, J. C. 1892; Cattell, Henry W. (3) 1907-08; Cattell, Jacques McKeen (11) 1895-1918; Cauthorn, T. E. 1891; Cautley, Proby T. (5) 1837-48; Cavada, Frederic F. 1867; Cavanaugh, John, 1912; Cergueira, D. August, 1918;

Chadwick, Sager, 1897; Chalomer, A. D. 1845; Chamber, E. T. 1893; Chamber, E. T. D. (2) 1914; Chamberlain, Leander T. (20) 1894-1912; Chamberlin, R. V. (20) 1903-11; Chamberlin, Thomas (3) 1891; Chambers, R. A. 1853; Chambers, Robert C. (3) 1860; Chambers, W. Lee (23) 1902-26; Champion, G. C. 1893; Champley, Robert, 1860; Chance, Burton K. (2) 1891-1910; Chapman, A. W. 1866; Chapman, Henry Cadwalader (72) 1881-98; Chapman, N. A. 1862; Chapuis, Felicien, 1879; Charlesworth, Edward (3) 1837;

Chase, Arthur H. 1909; Chase, Maime J. (2) 1889; Chatteyee, Kalli Ch. 1899; Chaudoir, Maximilien de, 1877; Chauncey, Charles, 1893; Cheney,

John Vance, n. d.; Chesbro, Denison S. (4) 1871; Chester, Albert Huntington (2) 1895; Chester, Frederick D. (5) 1884; Chevrolat, Louis Alexandre Auguste, 1878; Cheyney, E. P. 1912; Cheyney, Jesse S., Jr. 1892; Cheyney, Winthrop Holt, 1913; Cheyney, W. J. 1883; Children, John George, 1837; Chipman, Isaac, 1851; Christian, H. M. 1910; Christy, Robert Miller, 1884; Chumley, James, 1920; Churchill, William M. 1915; Chute, Arthur L. 1891;

Claghorne, J. Hayward, 1892; Claparede, (Mrs.) Edouard, 1871; Clapp, A. (4) 1837-54; Clapp, Lyman, 1853; Clapp, William A. 1863; Clark, A. S. 1885; Clark, E. W. (2) 1867-84; Clark, Elizabeth V. 1916; Clark, Frances, n. d.; Clark, Henry James, 1868; Clark, Herbert Lyman (6) 1915; Clark, I. Hinkley, 1867; Clark, J. E. 1884; Clark, Josephine A. (8) 1894-1918; Clark, R. Neilson (2) 1878-92; Clark, William Bullock (10) 1888-1901; Clark, Will S. 1880; Clark, Xenos, 1883; Clarke, G. W. C. 1884; Clarke, James K. 1904; Clarke, John Mason (18) 1887-1919; Clarke, M. Lewis, 1837; Clarke, R. G. (2) 1893-94; Clarke, Robert (3) 1916; Clarke, Robert (19) 1854-95; Clarke, Samuel F. (3) 1902; Clarke, William Eagle, 1893; Clarkson, Thomas, 1867;

Clary, Lyman, 1840; Clay, Joseph A. (2) 1852-76; Clay, R. E., Jr. 1885; Cleborne, C. J. 1861; Cleburne, William C. 1857; Clemens, James Brackenridge, 1859; Clemens, Harry, 1911; Clement, Ruth, 1898; Cline, M. 1912; Clinton, George William, 1864; Clorietete, F. C. 1893; Close, G. F. 1917; Clot-Bey, Barthelemy-Antoine (2) 1846-68; Cloud, Joseph, 1821; Clute, O. 1891; Coan, G. W. 1868; Coates, Benjamin Horner, 1826; Coates, H. Crawford (2) 1852-75; Coates, Henry, 1895; Coates, Henry T. 1902; Coates, Josiah, 1818;

Cobb, J. 1849; Cobb, John N. 1893; Cobb, N. A. (2) 1913; Cobbold, T. Spencer, 1869; Cocchi, Igino, 1871; Cochran, Alice, 1912; Cochrane, William, 1874; Cock, George B. 1887; Cockayne, E. O. (2) 1910-18; Cockerell, Theodor Dru Allison (16) 1894-1924; Coddington, H. H. (3) 1887; Coello, Francisco (2) 1878-81; Coghill, George, 1899; Cohen, Joshua I. 1849; Cohen, Louis A. 1888; Cohen, Theo. S. (3) 1895-96; Coker, R. E. (2) 1906; Colby, Albert Ladd (3) 1909; Colby, Charles L. 1892; Cole, James Willard, 1885; Cole, Robert (2) 1837; Coleman, G. Dawson, 1863; Coleman, Henry Phillips (3) 1892-97; Coles, J. W. 1874;

Colla, Luigi (2) 1824-26; Collenot, J. J. 1877; Collett, John, 1882; Collier, George B. 1891; Collier, Howard H. 1895; Collier, Lester D. 1915; Collins, E. K. 1837; Collins, Holdridge O. (3) 1911-17; Collins, John, 1868; Collins, T. C. 1868; Collins, T. K. 1856; Collins, W. P. (6) 1883-86; Colon, Olin (2) 1889; Comba, J. T. 1911; Combs, Gilbert, 1870; Comegys, Norman F. 1893; Comstock, F. M. 1895; Comstock, John Henry (4) 1879-1904;

Conard, Henry S. 1905; Conger, H. S. 1845; Conklin, Edwin Grant (66) 1899-1920; Conklin, Robert S. 1918; Conklin, William A. 1887; Conlen, William J. 1911; Conner, Philip Lyng Physick, 1889; Connolly, Mathew William Kemble, 1919; Conrad, Henry S. (2) 1925; Conrad, J. Reed (2) 1890; Conrad, Timothy Abbott, 1836; Conrad's Sons, S. 1890; Conyngham, Redmond, 1843; Cook, A. H. 1915; Cook, George Hammel (18) 1856-85; Cook,

Margaret Harris (8) 1910; Cook, Mary H. (2) 1893; Cook, O. F. (5) 1890-96; Cooke, Mordecai Cubitt (6) 1875-78; Cooper, Clifford V. 1866; Cooper, E. H. 1913; Cooper, Edward, 1917; Cooper, J. G. (4) 1870-87; Cooper, J. Hamilton, 1842;

Cope, Alfred, 1865; Cope, Edward Drinker (55) 1860-96; Cope, Thomas P. 1878; Coplin, N. M. L. 1914; Coppee, H. 1861; Coquand, Henri (2) 1877-79; Corbin, John, 1905; Corbineau, A. Remond de, 1866; Corbitt, William B. (2) 1869-74; Corie, James M. 1854; Corlies, S. Fisher, 1878; Corliss, George (2) 1887; Cornay, G. E. (2) 1861-62; Corning, Charles R. (2) 1910-13; Corona, R. L. y, 1920; Correa da Serra, José, 1820; Corson, Robert R. 1884; Corss, Frederic, 1891; Corvoid?, Thomas (3) 1909-10; Corwin, R. W. 1873; Costa, Achille, 1852; Cotton, Charles H. 1888; Cotton, Harold S. 1911;

Couch, D. N. (2) 1854; Coues, Elliott (29) 1861-98; Couling, Samuel, 1916; Coultas, Harland, 1860; Coulter, Charles, 1898; Coulter, John Merle (10) 1879-1910; Couper, William, 1861; Couthony, Joseph P. 1837; Coventry, Bernard, 1906; Covey, Edward K. 1858; Cowan, Frank, 1866; Cowdery, Martin, 1907; Cowell, Peter (2) 1903; Cox, Philip, 1894; Cox, W. V. 1929; Coxe, Eckley (6) 1891-97; Craft, James S. 1831; Cragin, Francis Whittemore (7) 1880-1902; Craig, Thomas E. 1883; Cramer, Charles (4) 1834-37; Cramp, Charles H. (2) 1898-1911; Cramp, Francis L. 1912; Crampton, G. C. (3) 1908-09; Crampton, Henry E. (5) 1911-19; Crandall, Charles S. (2) 1894; Crandall, L. V. 1895; Crane, W. E. 1889; Crane, William H. 1867; Crans, J. T. 1894; Craven, John J. 1863; Craver, Harrison W. (2) 1916-17;

Crawford, Emmett, 1877; Crawford, J. Gordan, 1888; Crawford, J. W. 1888; Crawford, Joseph (3) 1911-12; Crawford, S. Wylie, 1867; Crawley, Howard (7) 1911-16; Creal, Wesley, 1874; Cresson, Elliott (2) 1850; Cresson, Ezra Townsend, Sr. (12) 1859-94; Cresson, Ezra Townsend, Jr. (3) 1897-1906; Cresson, George Bringhurst (3) 1891; Cresson, Hampton, 1895; Cresson, Hilborne (7) 1883-92; Cresson, John C. 1853; Creswell, Samuel J. 1881; Creuze, Mr. 1894; Crisfield, J. A. P. 1914; Crissey, W. L. 1915; Croft, Henry, 1863; Crosby, Cyrus Richard (3) 1905; Crosier, E. S. (2) 1863; Crosse, Henri (7) 1861-70; Crowne, Helen, 1916; Crowther, George, 1860; Crozer, John P. 1862; Crozier, Archibald, 1914; Crunden, F. M. 1899; Cruthers, Samuel (2) 1891;

Culin, Stewart (6) 1887-1912; Cullen, Anna M. 1918; Cullinan, Ralph F. (2) 1892; Cummings, E. J. (4) 1889-90; Cummings, (Mrs.) W. H. 1880; Cummiskey, J. 1873; Cuning, John T. 1871; Cunningham, Francis D. 1898; Cunningham, John, 1857; Cunningham, W. E. 1891; Curran, L. R. (2) 1890; Curran, M. K. (2) 1884-85; Currie, Mary E. 1919; Currier, A. O. (2) 1869-70; Currier, John McNabb, 1868; Curti, Luigi Are, 1874; Curtin, R. G. (3) 1879-1912; Curtis, Edward, 1863; Curtis, John, 1838; Curtis, Moses Ashely (7) 1852-53; Curtis, W. C. 1909; Cutbush, James, 1835?; Cuthbert, John, 1827; Cuthbert, Mayland (3) 1890-95; Cuthbertson, N. D. (2) 1919; Cutter, William P. (7) 1896-1900; Cutting, Hiram A. 1869; Cuvier, Georges baron, 1826; Cuyler, Theo. 1869; Cuyler, W. Kenneth, 1929;

Dabat, G. M. 1850; Dacet, William F. 1900; DaCosta, John C. 1893; Daere, J. N. 1830; Daggett, Frank S. 1898; Dahl, D. F. 1911; Dahlgren, E. W. (2) 1894; Dahlgren, Ulric (6) 1912-16; Daland, Judson (2) 1903-06; Daland, W. A. Newman (2) 1912; Dales, J. S. (2) 1891-94; Dall, William Healey (89) 1864-1919; Dallam, D. E. (2) 1888-1911; Dallas, (Mrs.) George M. 1906; Dallinger, W. H. 1892; Dalton, Harry G. (2) 1854-55; Dalton, J. E. 1884; Dalton, John C., Jr. 1854; Daltry, Thomas W. 1895; Dana, E. S. 1913; Dana, Francis, 1865; Dana, James Dwight (17) 1837-87; Dana, W. A. 1879; Danack, J. B. 1834; Dangeard, J. A. (2) 1895-1910; Daniele, William F. 1852; Daniels, L. E. (2) 1916-18; Dannreuther, H. 1910;

Darlington, William (2) 1830-54; Darlington, William M. 1868; Darr, H. H. 1894; Darrach, James (5) 1891-1911; Darrach, W. 1828; Darwin, Charles, 1860; Carwin, Francis, 1882; Datcher, B. 1880; Daubree, Auguste, 1884; Daudoman, A. 1913; Davenport, Charles B. 1897; Davenport, E. B. (3) 1894-97; Davidson, George (9) 1858-71; Davidson, George W. 1868; Davidson, H. E. (2) 1891; Davidson, Robert B. 1890; Davis, Bradley M. (2) 1912; Davis, Charles H. 1889; Davis, G. C. 1894; Davis, George L. (2) 1884-85; Davis, H. (2) 1860; Davis, John, 1831; Davis, John H. (2) 1910; Davis, P. W. 1870; Davis, R. C. 1892; Davis, Robert S. 1900; Davis, W. M. (16) 1887-1917; Davis, William B. (3) 1889-1918; Davis, William T. 1914; Davisson, Alex Heron, 1897;

Dawson, Henry B. (2) 1888; Dawson, John William (7) 1847-87; Dawson, James, 1846; Dawson, T. W. 1853; Day, Arthur L. (2) 1916; Day, David T. (2) 1919; Day, Edward C. Hardwick, 1868; Day, Frank Miles (3) 1892-1917; Day, L. T. (4) 1882; Day, Richard H. 1886; Dayton, John, 1888;

Deal, Samuel J. 1907; Dean, Bashford (2) 1895; Dean, F. C. 1919; Dean, J. R. 1881; Dean, John, 1862; Deane, Ruthven, 1878; Dearing, William E. 1855; Dearness, J. 1889; Deaver, John B. 1900; Debenedette, Salvador, 1913; Decaisne, Joseph, 1858; DeCamp, William Henry (2) 1863-71; DeCou, William C. 1900; Deerke, W. 1894; Degen, A. de, 1906; Dehland, John, 1847; De le Beche, Henry Thomas (2) 1832-33; Delafield, Jos. 1846; Delano, Eugene, 1895; Del Rio, Andres, 1830; Denham, Alex (2) 1878; Denny, Henry (4) 1842-68; Denslow, H. C. (2) 1890-91;

DeQuatrefuges, Mr. 1876; Derby, George (2) 1904-15; Derby, Orville A. (7) 1886-1915; Dercum, F. X. (35) 1887-1917; Dern, A. L. 1888; Desai, Bhailal N. 1910; Deshayes, Gerard Paul, 1832; DeSilver, H. T. 1860; Desor, E. 1877; Devenny, Charles F. (2) 1892-98; Dewar, (Mrs.) Charles A. 1892; Dewey, Chester (2) 1832-33; Dewey, Henry Bond, 1840; Dewey, Melville, 1893; Dewhurst, H. W. 1835; DeWolf, T. W. (2) 1917; Dexter, Henry, 1873; Deyrolle, Emile, 1893; Dice, Lee R. 1915; Dick, F. B. 1853; Dickerson, Mahlon, 1836; Dickerson, William T. W. 1900; Dickey, Donald R. 1918; Dickson, William J. 1918; Diehl, I. E. 1914; Dietterich, S. V. 1887; Dietz, H. 1884;

Dillaway, Ch. K. (5) 1845-67; Dillingham, William H. (2) 1851; Dix, Edwin S. (3) 1903-17; Dixon, Fannie G. (2) 1893; Dixon, H. M. (4) 1894-95;

Dixon, Samuel Gibson (121) 1890-1917; Dixson, Zella A. 1894; Doabrovin, N. 1903; Dobbins, R. J. 1890; Dobson, George E. (3) 1884-89; Dobson, Judah (2) 1826-29; Dock, George (4) 1854-55; Dockvay, F. A. 1891; Dodd, M. N. 1868; Dodge, B. O. (2) 1916-18; Doerflinger, Carl, 1883; Dohrn, Anton, 1885; Dohrn, Carl Auguste (4) 1855-84; Dollfin, Gustave (2) 1890; Dolley, Charles Sumner (26) 1884-96; Donaldson, Henry H. (12) 1894-1918; Dorflinger, C. (8) 1889-90; Dornan, William J. (2) 1887; Dorralque, G. 1899; Dorsey, George S. 1907;

Doublet, Mr. 1894; Dougherty, C. A. (2) 1886; Dougherty, Parke C. 1892; Dougherty, T. H. 1897; Dougherty, William H. (5) 1888-90; Douglass, A. E. (2) 1897; Douglass, D. B. 1863; Douglass, Donald, 1916; Douglass, Earl (4) 1894-1906; Dow, George Francis, 1915; Dow, John Melmoth, 1858; Dowlaque ?, G. (2) 1884; Dowler, Bennet (5) 1848-55; Downie, G. H. (2) 1868; Downie, Timothy C. (3) 1859-68; Downing, George T. (2) 1898; Downs, Norton, 1915; Doyle, Edward, 1888; Doyle, John M. (2) 1909; Draper, Edmd. 1844; Drayton, E. F. 1859; Drayton, J. 1848; Dreer, Edwin G. 1900; Dreer, Henry A. 1871; Drew, H. (5) 1899-1917; Drexel, Joseph W. 1862; Drexel, Lucy Wharton, 1903;

Drinker, Henry S. 1891; Drinker, John, 1818; Driscoll, Richard, 1888; Drouet, Henri, 1867; Drown, Thomas M. (4) 1872-95; Drumgoole, Henry T. 1912; DuBois, Alfred, 1866; DuBois, Howard W. (15) 1889-1909; Ducachet, Henry W. 1852; DuChaillu, Paul Belloni (4) 1859-60; Dudley, Albert W. 1917; Dudley, William, 1853; Dudley, William R. 1905; Duffin, Leo, 1888; Dugan, Hammond, 1874; Dugdale, Thomas, Jr. 1815; Duhring, L. A. (2) 1877-91; Dulles, Charles W. 1897; Dulles, L. H. 1887; Dulty, William, 1890;

Dumble, Edwin T. (7) 1890-1902; Dumeril, A. Auguste (2) 1857; DuMoleon, Mr. 1832; Dumont, Henri, 1866; Duncan, Henry H. 1837; Duncan, P. Martin, 1877; Duncan, W. Steward, 1907; Dunelm, E. 1855; Dunglison, Richard J. (2) 1874-89; Dunglison, Robley (4) 1853-55; Dunker, Wilhelm Bernard Rudolph Hadrian, 1867; Dunlap, B. (2) 1860-1903; Dunlap, Thomas I. 1885; Dunn, L. H. 1916; Dunn, Nathan, 1829; Dunning, Stewart N. 1899; Duns, John D. 1877; DuPont, Capt. 1861; Durand, E. 1904; Durand, Elias (2) 1828-61; Durand, G. L. 1854; Durbin, J. P. 1841; Durborrow, Samuel (2) 1885; Durell, A. W. 1916; Durden, Henry S. 1888; Durham, Dean of, 1846; Durieu de Maisonneuve, Michel-Charles, 1878; Duval, Lewis, 1825; Dwight, William B. 1901; Dyer, B. 1868; Dyer, C. B. 1876; Dyer, E. 1873;

J. A. E. 1891; Eagle, Mary E. 1890; Eakins, Thomas (5) 1868-94; Eareckson, Edwin, 1887; Earl, Charles (40) 1891-97; Earle, Charles T. (2) 1919; Earle, Edgar W. (4) 1893-97; Earle, Morris, 1880; Easby, Gertrude K. 1909; Eastburn, George (2) 1887; Eastman, J. R. 1891; Easton, William O. 1910; Eastwick, Edward P. 1857; Eaton, Daniel C. 1877; Eaton, E. H. 1891; Easton, John (6) 1871-75; Eberle, Abastenia, 1919; Eckard, Frederick T. 1838; Eckfeldt, John W. (3) 1884-85; Edelheim, Carl, 1890; Edgar, John M. 1891; Edmunds, Albert G. (2) 1911; Edward, W. H. (2) 1861; Edwards, Amory, 1852; Edwards, Arthur Mead (4) 1858-1907; Edwards, George W. (2) 1853; Edwards, J. C. 1870; Edwards, Paul S. 1914; Edwards, William, 1871; Edwards, William H. 1847;

Egan, Maurice Francis, 1910; Egbert, Seneca, 1910; Eggers, Edward, 1889; Egle, William H. (3) 1891-95; Ehrenfeld, Frederick (4) 1906-12; Ehrlich, Carl, 1852; Eigermann, Carl H. (16) 1885-1915; Eldridge, R. W. (2) 1913; Elguen, Manuel, 1893; Eliot, C. N. E. (2) 1899-1900; Elkinton, Thomas, 1892; Elrod, Morton J. (2) 1905; Ellerson, J. H. 1826; Ellicott, Nancy M. (2) 1883; Elliot, Daniel Girard (20) 1860-1911; Elliott, Charles I. 1860; Elliott, James, 1911; Elliott, Stephen, Jr. 1854; Elliott, W. T. 1896; Ellis, Ebenezer, 1894; Ellis, J. B. (20) 1875-97; Ellis, Z. H. 1895; Ellison, Ellen F. 1891; Elmendorf, H. L. 1895; Elmer, A. D. E. (3) 1911-20;

Emerson, George B. 1841; Emery, Carlo, 1879; Emery, J. C. 1881; Emery, Titus S. 1888; Emlen, Arthur C. 1919; Emlen, Harry, 1869; Emlen, Samuel W. 1816; Emmons, Ebenezer, 1840; Enderlin, Charles, 1854; Enders, Howard E. (2) 1907; Endlich, F. M. 1886; Engelmann, George (8) 1842-62; Engelmann, Wilhelm (4) 1885-1905; English, George L. (7) 1889-1919; Ennis, Andrew J. 1917; Ennis, Jacob (2) 1876; Erben, Henry, 1901; Erben, Walter, 1912; Erdmann, Charlotte, 1869; Erhen, A. A. 1895; Ernst, A. 1878; Errington, George E. 1891;

Esben, Henry, 1889; Eschner, Louis, 1896; Eschricht, Daniel Frederik, 1849; Espinosa, Juan, 1853; Espy, James P. 1844; Essenberg, C. E. 1917; Etting, Frank M. (2) 1873-83; Eudes-Deslongchamps, Eugene, n. d.; Evans, Charles, 1828; Evans, John (St. Louis, Mo.), 1850; Evans, John (Washington, D. C.) (3) 1857-60; Evans, John Wm. 1956; Evans, Samuel G. 1872; Evans, W. A. 1909; Everest, George, 1847; Everett, Edward, 1846; Everett, Robert, Jr. 1879; Evermann, Barton W. (9) 1879-1911; Ewing, H. E. (5) 1909-10; Ewing, Joseph, 1894; Ewing, J. Hunter (3) 1892; Eyerman, John (18) 1885-1900;

Fabre, J. H. 1886; Fagan, C. E. 1912; Fahnestock, George W. (2) 1852-60; Fairchild, David, 1913; Fairchild, Salome Cutler, 1898; Fairman, George W. (2) 1829-73; Falconer, H. 1837; Falley, Eleanor W. (2) 1916-18; Falk, H. O. 1915; Fallourd, E. (2) 1910-11; Faraday, Michael, 1848; Farina, Pasquale (2) 1918; Farlow, W. G. (3) 1876-1917; Farr, Marcus S. 1893; Farrelly, Stephen (4) 1890-98; Farrar, P. S. 1862; Farrington, A. M. 1904; Farrow, Edward S. 1904; Fassitt, Lewis, 1870;

Fauchon, D. 1906 ?; Faught, L. Ashley (7) 1881-1913; Faulkner, Charles J. 1860; Favre, Alphonse, 1877; Fawcett, William, 1907; Faxon, Walter (4) 1884-89; Fay, Frederick J. 1871; Fay, H. T. (2) 1862-64; Fayrer, H. 1875; Febiger, Christian (2) 1887; Fecht, R. 1890; Felician, Brother (3) 1914; Felippone, Florentino (2) 1920-24; Felix, Arthur, 1887; Felterolf, A. U. 1892; Felton, S. M. 1860; Fenstermacher, W. H. 1883; Fenton, Thomas H. (21) 1880-1915; Ferguson, Charlotte, 1914; Ferguson, D. W. (2) 1870; Ferguson, Luther S. 1920; Fernald, C. H. (3) 1877-1913; Fernald, H. A. (2) 1893; Fernberg, Charles (2) 1888-89; Fernow, B. E. 1911; Ferree, Barr (10) 1897-1916; Ferree, J. B. 1884; Ferree, Samuel P. 1878; Ferrell, L. C. (5) 1901-02; Ferris, G. F. 1917; Ferry, Rene, 1897;

Fetherolf, B. L. 1891; Feuchtwanger, D. Lewis, 1833; Fewkes, J. Walter

(2) 1888-89; Fiaschi, Tito, 1894; Field, C. N. 1888; Field, (Miss) E. 1899; Field, John (2) 1891-99; Fielde, Adele M. (11) 1886-1915; Figainese ?, A. W. 1867; Findlay, James, 1835; Findley, Samuel, 1864; Finn, Walter H. 1869; Fiot, Augustus, 1864; Fischelis, Philipp, 1912; Fischer, Emil, 1863; Fischer, G. L. (3) 1833-36; Fischer, Gustav (2) 1894-1903; Fischer, Paul, 1867 ?; Fischer, Theodore, 1868;

Fisher, A. K. (3) 1898; Fisher, Charles Perry, 1914; Fisher, Coleman, 1851; Fisher, Elizabeth Wilson, 1893; Fisher, G. H. 1853; Fisher, G. Wharton, 1854; Fisher, George (2) 1893-94; Fisher, Harvey, 1877; Fisher, Henry M. (19) 1892-97; Fisher, James, 1858; Fisher, James M. 1868; Fisher, John V. 1920; Fisher, Richard, 1893; Fisher, Thomas, 1848 ?; Fisher, Thomas R. 1834; Fisher, William R. 1831; Fiss, George W. (3) 1889-91; Fitch, Asa (2) 1854-65; Fittica, D. F. (2) 1884-94; FitzGerald, Desmond, 1889; Fitzpatrick, T. J. (3) 1906-09; Flanagan, John (52) 1905-31; Fletcher, Robert S. 1913; Fletcher, Thomas (2) 1937-39; Fletcher, William I. 1888; Flexner, Simon ? 1903; Flint, A. Jr. 1876; Flint, C. L. 1862; Flour, Y. 1882; Flügel, T. G. (4) 1844-54; Flynn, D. W. 1872;

Foltz, J. M. 1859; Foord, Arthur H. (12) 1895-1912; Foote, Albert E. (82) 1878-90; Foote, Warren M. (3) 1895-1911; Forbes, Annie L. (2) 1891; Forbes, Henry O. 1903; Forbes, J. G. 1839; Forbes, S. A. (8) 1879-1912; Forbul, G. 1834; Forchhammer, Emilie, 1865; Forchhammer, Johannes, 1865; Forcum, E. J. 1883; Ford, H. C. 1885; Ford, Henry A. 1853; Ford, Henry C. 1892; Ford, John (4) 1879-93; Ford, William E. 1916; Ford, Worthington C. 1893; Forel, Auguste, 1879; Formand, H. T. (2) 1887; Forrer, R. 1889 ?; Forsbey, E. G. 1861; Forsstand, Care, 1889; Forwood, J. L. (4) 1891-92; Fory, John C. 1845; Foster, L. S. (5) 1886-96; Foulke, George Rhyfedd (2) 1894-95; Foulke, P. W. n. d.; Foulke, S. G. (7) 1883-84; Foulke, William Parker (2) 1849-54; Fowler, Henry W. (3) 1903-25;

Fox, Charles (8) 1853-54; Fox, George, 1842; Fox, George W. 1882; Fox, Henry (7) 1910-19; Fox, Herbert (2) 1911-17; Fox, Samuel L. (3) 1886-99; Fox, Samuel M. 1851; Fox, W. H. 1892; Fox, William J. (15) 1888-1915; Foyle, W. 1914; Fraley, F. (3) 1838-64; Fralinger, Jos. (2) 1888; Frampton, Lingard A. 1859; Franca, E. Frerreira, 1858; Franceschi, Francesco (2) 1894; Francine, Albert P. 1916; Franck, Fred, 1869; Franklyn, C. G. 1879; Fraser, Thomas R. (2) 1874-77; Fraser, W. H. 1895; Frauenfeld, Georg von (4) 1856-67; Frays, Mr. 1806;

Frazer, Ella W. 1897; Frazer, John F. (2) 1839-52; Frazer, Persifor (87) 1877-1907; Frazier, Cornelia S. 1920; Frazier, S. 1893; Frazier, W. W. (2) 1889; Freedley, Henry (4) 1869-71; Freeman, William H. 1857; Freley, J. W. (2) 1886-87; French, Benjamin F. (2) 1843-47; Fretageot, Nora C. (2) 1914-15; Frick, Charles E. (5) 1881-89; Fricke, Albert, 1859; Fridenberg, S. L. 1895; Friedman, S. 1888; Friele, Herman, 1887; Fries, Elias Magnus, 1878; Frichel, W. U. 1912; Fronani, Emanuele (65) 1884-97; Fronani, Matilde (3) 1885-91; Frothingham, J. P. (2) 1893; Frothingham, Theodore, 1918; Fry, T. M. 1886; Frye, Theodore C. (3) 1917-19; Fuchs, Th. 1887; Fulton, Mahlon (2) 1890; Fulton, R. H. 1891; Furness, Horace

Howard, Jr. (2) 1892; Furness, W. W. 1889; Fyfe, John (2) 1872-75;

Gabb, W. M. (5) 1862-80; Gadolin, A. 1877 ?; Gaedette, G. B. 1865; Gale, Gabriel N. P. (2) 1880; Gambel, C. M. 1857; Gambel, William (4) 1848-49; Gamber, J. 1902; Ganong, W. F. n. d.; Garcia, José Antonio G. 1855; Gardun, A. 1915; Gargano, Claudio, 1913; Garland, J. C. 1893; Garrett, A. 1873; Garrett, L. P. 1913; Garrett, Philip C. (2) 1866-99; Garrettson, James E. (3) 1891-92; Garriques, Samuel S. 1863; Garrison, F. Lynwood (2) 1893-1903; Garrison, W. H. (2) 1889; Gaskill, Susanna M. (2) 1894; Gatchel, H. A. (4) 1891-92; Gaudry, Albert, 1884; Gauntt, C. 1829; Gaussoin, Eug. (3) 1866-67; Gay, Jacques, 1862; Gazam, Joseph M. 1915;

Geale, Robert F. (3) 1869-72; Gebbie, George, 1868; Geberton, Thomas, 1903; Gedding, S. E. 1833; Geike, James, 1878; Geikie, Arch (3) 1878-1903; Geil, (Mrs.) William Edgar, 1915; Geinitz, Hans Bruno (7) 1883-89; Geiser, S. W. 1911; Geisler, M. A. 1887; Genocchi, Angelo, 1889; Genth, Fred A. (22) 1871-90; Gentry, Alan F. (3) 1888-89; Gentry, Thomas G. (4) 1880-93; Georg, H. (13) 1870-92; Germar, E. F. 1830; Gernalch, Wallace, 1899; Gerolt, C. baron (2) 1846; Gerould, James Thayer (4) 1903-16; Gerrish, Joseph, 1870; Gerson, T. Perceval (3) 1900-13;

Gibbes, Lewis Reeve (8) 1844-1901; Gibbes, Robert W. (3) 1845-53; Gibbons, Henry, 1834; Gibbons, Phebe E. 1869; Gibbons, Susan, 1885; Gibbons, Wm. P. (5) 1853-55; Gibbons, Wm. T. 1837; Gibbs, B. H. 1919; Gibbs, George (2) 1855-56; Gibsone, B. W. 1887; Giddings, Franklin H. (3) 1895; Gideon, Edward, 1900; Gifford, John, 1894; Gifford, Wm. H. 1888; Gihin, Albert L. 1893; Gilbert, C. H. 1896; Gilbert, E. W. 1920; Gilbert, Eleanor Nolan, n. d.; Gilbert, Walter W. (2) 1910; Gilder, W. H. (2) 1891; Gill, Theodore (21) 1861-9112; Gilles, John P. 1871; Gillette, C. P. (5) 1907; Gilliams, E. Leslie, 1911; Gilliams, J. S. 1890; Gilliams, Jacob (2) 1814-26; Gillies, J. M. (2) 1848-56; Gilligan, E. L. 1910; Gilliland, A. B. 1894; Gilmore, R. 1822; Gilpin, Edwin, 1880; Gilpin, Thomas, 1840;

Girard, Charles Frederic, 1854; Giraud, G. P. (3) 1870; Giraud, Wm. 1841; Gistel, Jean (2) 1860; Gistel, Johannes, 1852; Glass, John W. 1867; Gliddon, G. R. 1845; Gliesch, Rudolf, 1917; Godard, Geo. S. (3) 1910-18; Goddard, H. H. 1916; Godfrey, L. B. 1891; Goethe, Alex. (2) 1884-1904; Goenbner, Sara W. 1894; Goheen, D. (2) 1847; Goheen, S. M. E. 1840; Gold, John Speechly, 1869; Goldberger, Herman (13) 1902-19; Goldsmith, E. (7) 1879-98; Goldsmith, Martin (3) 1896; Goldsmith, Peter H. 1916; Gonto, Augustus A. 1841; Goddard, George L. 1878; Goode, G. Brown (5) 1888-91;

Goodman, Thomas (2) 1891-92; Goodrich, C. H. 1891; Goodrich, Francis L. D. 1913; Goodrich, Nathaniel L. 1912; Goodwin, William Wallace (2) 1877-90; Gorden, A. L. 1891; Gorden, C. H. (2) 1887; Gordon, G. B. (4) 1905-19; Gordon, W. A. 1870; Gorham, Charles ? 1841; Gosselet, G. 1877; Gosy, John P. 1827; Gottschall, A. H. 1914; Gould, Augustus A. (2) 1851-54; Gould, Julia N. 1889; Gould, L. M. 1916; Gouler, I. S. (2) 1851; Gourlie, William, Jr. 1846; Govett, Annesley R. (2) 1892-95; Gozzadini, J. (2) 1878-87; Gräbner, Gussan, 1861; Grady, Jno. C. 1891; Graeff, Edward L. 1861;

Graff, F. L. von, 1907; Graff, Frederic (3) 1883-85; Graff, (Mrs.) Frederic 1892; Graham, J. W. 1890; Graham, James D. (11) 1841-65; Granewalt, Mary Hallock, 1904;

Grant, A. 1861; Grant, C. 1854; Grant, F. E. (2) 1888-1902; Grant, G. R. 1871; Grant, James A. 1903; Grant, Ulysses S. 1866; Grateloup, M. (2) 1836-38; Graves, Frank Pierrepont, 1916; Gray, Arthur F. (5) 1877-88; Gray, Asa, 1836; Gray, David (2) 1861; Gray, Fred W. 1915; Gray, George Robert, 1871; Gray, H. St. George (2) 1902-15; Gray, Janet, 1888; Gray, John Edward, 1830; Gray, L. L. 1867; Gray, Robert, 1866; Gray, W. M. 1882; Grayer, Walter, 1906;

Greely, P., Jr. 1850; Green, A. H. 1878; Green, Benjamin D. 1831; Green, Bernard R. 1902; Green, C. H. 1891; Green, Charles R. (3) 1913-14; Green, H. A. (2) 1878-89; Green, J. 1820 ?; Green, J. (West Point) 1823; Green, Jacob (2) 1825-32; Green, James (Dayton, O.) (2) 1872; Green, James (Surrey, England) 1911; Greene, Edward (21) 1888-1912; Greene, George M. 1919; Greene, James M. 1835; Greene, S. W. 1917; Greene, William H. 1888; Greenman, Milton J. (5) 1910-20; Greer, James, 1866; Greger, Darling Kenneth (2) 1907; Gregg, William H. 1888; Gregorio, Antonio de (2) 1887-1920 ?; Gregory, Emily L. 1886; Gregory, William K. (2) 1912; Grenacher, Herman A. 1884; Grewing, Constantin, 1887; Griffin, Martin I. J. 1895; Griffis, H. C. 1873; Griffith, Edward, 1829; Griffith, Manuel E. 1904; Griffiths, Bartram W. 1897; Griffiths, David, 1893; Griffs, John W. 1897;

Griggs, George, 1910; Grob, Samuel (2) 1892; Grosjean, H. R. 1886; Gross, H. B. 1903; Gross, O. B. 1877; Gross, Samuel D. 1857; Grosvenor, W. M. 1912; Grote, Augustus Radcliffe (9) 1860-66; Groth, Paul, 1876; Grout, Frank F. 1916; Grove, Henry S. 1917; Grubbs, F. H. 1872; Gruber, August (2) 1876-90; Guérin-Ménéville, Félix Edouard, 1859; Gude, G. K. (2) 1918; Guex, John A. (4) 1846-51; Guiberson, S. P. 1890; Guild, R. A. 1887; Guild, William H. (27) 1893-1916; Guilding, Lansdown, 1826; Guilford, S. H. 1892; Guillou, Constant, 1853; Guilloû, Victor, 1890; Guiteras, John (2) 1897; Gulick, Addison, 1904; Gundlach, John, 1895; Gunn, J. O'B. (2) 1903-06; Gunnell, Leonard C. 1911; Günther, Albert (2) 1875-76;

Guppy, R. Lechmere (2) 1878-1906; Gurger, E. W. (5) 1916-17; Gurley, R. R. (3) 1892; Gurley, William, 1891; Gurney, John Henry, 1868; Gutekunst, F. (17) 1877-1916; Guyot, A. (2) 1858-82; Haagne, K. (2) 1907; Haas, F. Fritz, 1910; Habirshaw, Fred K. (2) 1864; Hacker, Charles, 1893; Haden, John J. 1887; Hadley, C. H. 1924; Hael, George Walter, 1891; Hafer, Bruno, 1894; Hagedorn, C. F. (4) 1855-62; Hageman, John F. 1869; Hagerup, H. (2) 1896; Hahn, Hy, 1889; Haidinger, W. (5) 1851-60; Haines, E. Henry, 1881; Haines, John H. 1832; Haines, Reuben (10) 1824-29; Haines, Reuben (the grandson) (2) 1914-15; Haines, Robert Bowne (2) 1890-95; Haines, W. A. 1869; Haldeman, Mary A. (2) 1881; Haldeman, Paris, 1880; Haldeman, S. S. (15) 1842-80; Hale, Edward E. 1856; Hale, F. J. 1892; Hale, T. G. 1860;

Halker, Samuel, 1852; Hall, A. (2) 1893-96; Hall, Archibald A. 1911; Hall, C. F. 1878; Hall, C. W. 1883; Hall, Charles A. B. n. d.; Hall, Charles

E. (8) 1886-1903; Hall, F. H. 1898; Hall, George W. 1867; Hall, James (18) 1854-92; Hall, John S. 1868; Hall, L. Brewer, 1889; Hall, W. S. 1913; Hallowell, Edward (11) 1846; Hallowell, Jean Fraley (2) 1893-96; Hallowell, John K. 1882; Hallowell, Sarah C. F. (3) 1855-95?; Halsey, Abraham, 1824; Halsey, John, 1849; Haly, Sara J. Haldeman, 1882; Hamann, C. A. (2) 1892; Hamilton, James M. 1864; Hamilton, John, 1880; Hamilton, Peter J. (3) 1907; Hamilton, S. A. 1891; Hamilton, S. H. Herbert, 1911; Hamilton, W. R. 1860; Hamilton, William, 1912; Hamilton, William F. 1915; Hamilton, William I. 1859;

Hamlin, Charles Edward (8) 1866-72; Hamlin, H. C. 1864; Hammond, E. W. 1882; Hammond, Jason E. 1897; Hammond, Ogden (2) 1847-54; Hammond, William A. 1894; Hampden, John (2) 1878-84; Hampel, S. 1894; Hampton, J. W., Jr. (3) 1889-92; Hampton, Joseph Moore, 1891; Hancock, Albany (2) 1869-70; Handy, R. B. 1906; Hanitsch, R. (2) 1900-05; Hanks, Henry G. 1885; Hanley, Sylvanus (2) 1870-71; Hannah, George, 1886; Hansen, Olaf, 1890; Hanson, William R. 1843; Hapinger, David S. 1831; Harden, John M. B. (3) 1846-47; Harding, George, 1862; Hare, Clark, 1848; Hare, G. H. 1854; Hare, Horace Binney, 1867; Hare, John S. 1854; Hare, Robert (4) 1814-40; Hargis, Joseph H. 1863; Hargrave, C. A. 1887; Harlan, A. D. 1887; Harlan, J. 1833; Harlan, Richard (2) 1822-42;

Harland, W. G. V. 1894; Harmer, S. F. 1886; Harneau, A. (2) 1900-04; Harned, W. H. (2) 1895-99; Harpe, Philippe de la, 1882; Harper, Francis P. (7) 1889-95; Harper, Frank, 1913; Harper, George W. 1871; Harper, L. 1855; Harris, Edward (5) 1837-54; Harris, F. William, 1826; Harris, G. D. (4) 1915; Harris, G. William (7) 1882-1911; Harris, Gilbert D. (12) 1892-96; Harris, J. E. 1872; Harris, Thaddeus William (5) 1838-42; Harris, Thomas, 1822; Harrison, C. C. (2) 1895-1900; Harrison, F. E. 1919; Harrison, George L., Jr. (2) 1917-19; Harrison, Joseph, 1855; Harrison, Joseph C. 1895?; Harrison, Samuel A. 1869; Harrison, Temple C. 1870; Harrison, Theodore L. (4) 1891-92; Harrison, V. W. 1854; Harrity, William F. 1891; Harshberger, John W. (18) 1892-1919; Hart, Charles D. 1915; Hart, Charles Henry (2) 1879-87; Hart, Gavin W. (23) 1889-99; Hart, Susan S. 1889; Harte, Richard H. (3) 1907-17;

Hartlaub, G. (4) 1856-83; Hartman, John M. (5) 1884-90; Hartman, Wm. Dall. (39) 1854-90; Hartmann, Robert, 1882; Hartranft, Rufus C. (2) 1885-94; Hartshorn, Henry (3) 1858-93; Hartzell, J. C., Jr. 1896; Harvey, Alexander E. 1897; Harvey, E. Newton, 1914; Harvey, Francis L. (7) 1886-93; Harvey, N. A. (2) 1897; Haskell, E. 1892; Haslett, Harry, 1887; Hassau, R. H. 1911; Hassler, F. A. 1898; Hassler, Isaac, 1913; Hastings, D. H. (2) 1889; Hatch, J. Leffingwell (4) 1888-89; Hathaway, James H. 1889; Hathaway, (Mrs.) Tom, Jr. (5) 1868; Hauer, Franz von, 1888; Haug, A. (2) 1911; Houghton, Samuel, 1895; Haupt, Herman, Jr. (3) 1891-93; Haupt, L. M. 1890; Hauxwell, J. 1869; Haven, Samuel F. (3) 1855-56; Hawkins, B. Waterhouse (7) 1868-75; Hawley, J. W. (2) 1896-98;

Hay, G. 1896; Hay, George, 1887; Hay, O. P. (11) 1885-99; Hayden, Emma W. (2) 1906-08; Hayden, F. V. (14) 1856-78; Hayden, Horace Edwin

(4) 1900-07; Hayden, Lewis S. (2) 1885-97; Haydon, William, 1894; Hayes, Charles P. (2) 1892-96; Hayes, Isaac I. 1854; Hayes, John L. 1844; Hayes, John Russell, 1918; Hayes, R. P. 1897; Hayes, William Morris, 1891; Haynes, Caroline C. 1912; Haynes, William de F. 1918; Hays, Isaac (9) 1828-74; Hays, I. Minis (12) 1880-1915; Haywooth, John G. S. 1888; Hazard, Jos. P. 1872; Hazard, R. G. (2) 1872; Hazard, W. 1856; Hazen, W. B. (2) 1884;

Head, Harriet, 1893; Heap, D. P. 1881; Heath, Harold (18) 1907-17; Heath, Wm. McK. 1883; Hebard, Morgan (4) 1911-17; Hebert, Edmond, 1890; Heckel, G. B. (3) 1911-18; Hector, James, 1877; Hedelius, Charles (2) 1829; Hedin, S. G. n. d.; Heger, S. 1867; Heilprin, Angelo (65) 1880-91; Heilprin, L. (7) 1890-1907; Heintzelman, J. A. 1867; Heiss, Ernest J. (3) 1911-16; Heller, A. A. 1896; Heller, Edmund, 1901; Helmuth, C. A. 1869; Hembel, O. Wm. (5) 1831-51; Hemming, Ernest, 1916; Hemphill, Henry, 1871; Henberger, Vincent M. 1830; Henderson, A. A. 1848; Henderson, C. Hanford (2) 1885-87; Henderson, Francis, 1891; Henderson, Geo. 1891; Henderson, J. G. 1864; Henderson, Joseph, 1838; Henderson, Junius (9) 1907-17; Hendricks, Charles H. 1889;

Henkels, Stan V. (3) 1895; Henle, J. (2) 1874-85; Henry, Frederick P. (4) 1896-1909; Henry, H. J. 1910; Henry, J. Bayard (2) 1900; Henry, Joseph (11) 1855-76; Henry, Wm. 1891; Henry, Wm. E. (2) 1918-20; Henshall, J. A. 1881; Henshaw, Samuel (3) 1893-1920; Henszey, Geo. C. (32) 1884-91; Henszey, Wm. C. (21) 1869-90; Herbert, W. 1844; Herdmen, W. A. 1898; Hering, Carl S. (6) 1912-16; Hering, Constantine (5) 1831-67; Heritage, Benj. 1892; Herluison, Emile, 1917; Hermann, A. (2) 1904-07; Herrera, A. L. (2) 1880; Herrick, C. L. (2) 1891-1900; Herschel, Alex J. 1871; Herschel, J. 1873; Hershey, Arthur H. (127) 1899-1919; Hertwig, Oscar, 1880; Hertwig, Richard, 1880; Hertz, Rudolf, 1918; Hervey, J. P. 1891; Hervitson, Wm. G. 1837; Herzberg, W. F. 1906; Hess, J. 1885; Hess, Robert J. 1889; Heude, P. M. 1887; Hewett, C. F. (2) 1917; Hewit, Benj. L. 1880; Hewston, G. 1870; Hewston, Jennie, 1891; Heye, George G. 1908; Heyne, Ernst, 1895; Heysinger, J. W. 1895;

Hibler, M. Grier, 1871; Hicks, Henry, 1878; Hickson, Syndey J. 1895; Hidalgo, J. G. 1874; Hiersemann, Karl W. (7) 1896-1912; Hiester, John V. 1852; Higgins, Wm. J. 1912; Higley, W. K. 1892; Hildreth, S. P. (4) 1832-33; Hill, Alfred J. 1886; Hill, Charlotte, 1878; Hill, Frank P. n. d.; Hill, David J. 1884; Hill, Geo. Wm. 1906; Hill, John (2) 1853-54; Hill, M. S. 1862; Hill, Oliver H. 1891; Hill, Robert T. (3) 1891-98; Hiller, P. C. 1889; Hillhouse, Mansfield L. 1905; Hildebrand, E. (2) 1881-86;

Hinde, George J. (2) 1887-88; Hindley, William J. 1886; Hine, E. C. (4) 1886-92; Hine, Emma Johns, 1896; Hine, James S. 1910; Hinkle, A. G. B. 1891; Hinkley, A. A. 1884; Hinsdale, Guy (4) 1889-92; Hinton, R. E. 1893; Hirase, Y. (23) 1906-17; Hirshfield, Louis, 1888; Hitchcock, C. H. 1885; Hitchcock, C. N. (8) 1885-89; Hitchcock, Edward (5) 1833-69; Hitchcock, I. I. 1835; Hitchcock, R. (2) 1882-83; Hite, J. E. 1892; Hittell, John S. 1856; Hoag, T. C. (2) 1883-91; Hochgerang, E. F. 1895; Hockgerang, Rebekah C.

1898; Hockers, Dr. 1910; Hockley, Thomas (2) 1890-92; Hodge, F. W. (6) 1898-1908; Hodge, Hugh L. 1824; Hodges, N. D. C. (3) 1886-89; Hodgson, William B. 1844; Hodle, F. W. (2) 1911;

Hoek, M. 1862; Hoeling, J. B. (2) 1913; Hoernes, Moritz, 1860; Hoernes, R. 1880; Hoffman, Charles W. 1888; Hoffman, G. Charles (2) 1895; Hoffman, Horace A. (6) 1892; Hoffman, J. W. 1893; Hoffman, Walter J. (6) 1874-98; Hogg, Jabez (2) 1868-74; Hogg, R. M. 1911; Holbrook, J. E. (2) 1844-50; Holden, Austin (2) 1887-89; Holden, Isaac, 1838; Holden, William (5) 1874-93; Holder, Alfred, 1884; Holland, Rupert S. 1916; Rolland, W. J. (20) 1882-1918; Hollenbush, H. W. (5) 1869-83; Hollick, Arthur (6) 1894-95; Hollingworth, S. (2) 1886-88; Holloway, Charles H. (8) 1890-93; Holloway, H. 1877; Holman, Charles W. 1860; Holman, D. Shephard (2) 1889; Holman, Lillie, 1886; Holman, Louis L. 1887;

Holmes, Clay W. 1893; Holmes, E. S. 1886; Holmes, Francis S. (7) 1848-51; Holmes, G. A. 1880; Holmes, J. A. (3) 1886; Holmes, Mary S. (4) 1892-1912; Holmes, Nathaniel (2) 1857-59; Holmes, O. W. 1868; Holmes, W. H. (8) 1893-1910; Holsburg, D. B. 1887; Holstein, G. Wolf (14) 1878-1913; Holstein, Josephine, n. d.; Holt, J. F. (9) 1884-94; Holtzbecher, E. J. 1887; Homes, Henry F. 1900; L'Hommedieu, Clarence, 1888; Honeyman, D. 1880; Hood, Christine, 1869; Hood, James F. 1906; Hooker, Jos. D. 1874; Hooker, W. T. (2) 1824-27; Hoopes, B. 1890; Hoopes, Benard A. (3) 1871-79; Hoopes, Josiah (8) 1866-97; Hopkins, L. C. (2) 1862; Hopkins, R. P. (2) 1920; Hopley, C. C. 1884; Hopper, Z. 1887; Hopping, Roy, 1903; Horn, George H. (9) 1877-95; Horn, Wilbur F. (2) 1870-88;

Hornaday, W. T. (2) 1889-1916; Horne, Perley L. 1891; Horner, A., Jr. 1919; Horner, W. E. (2) 1823-39; Hornung, F. 1904; Horsfield, Thomas (4) 1827-49; Horsford, E. M. 1869; Horstmann, A. 1894; Horstmann, Walter (13) 1895-1917; Horstmann, William H. 1868; Horter, J. W. 1895; Hoskins, William H. 1898; Hossenfratz, J. H. 1825; Hostos, Adolfo de, 1917; Hotchkiss, Jed. (2) 1880-86; Hough, Garry deN. (2) 1897-98; Hough, Romeyn B. 1888; Hough, S. 1886; Houghton, Douglas, 1840; Houghton, H. E. 1911; Houghton, H. O. 1892; Houghton, Samuel (2) 1869; Houlbert, C. 1929; Houston, D. F. 1917; Houston, Durell, 1913; Houston, Edwin J. (7) 1889-1912; Houston, George T. 1908; Houston, M. W. 1854; Houston, Samuel F. (5) 1893-98;

Hovey, H. C. 1890; Howard, L. O. (10) 1887-1911; Howe, C. E. 1895; Howe, George R. 1913; Howe, Marshall A. (3) 1912-13; Howell, Mr. n. d.; Howell, E. S. 1888; Howell, Robert, 1860; Howell, S. B. (3) 1866-90; Howitt, J. E. 1911; Howland, Charles S. 1889; Howse, Richard (2) 1886-88; Howsen, Henry, 1882; Hoxton, L. G. 1917; Hoy, Philo Romaine, 1853; Hoyle, William E. 1887; Hoyt, Albert E. 1915; Hoyt, F. A. 1887; Hoyt, F. W. 1869; Hoyt, J. K. 1875; Hrdlicha, A. (6) 1909-18; Hubbard, E. (3) 1919; Hubbard, E. W. 1868; Hubbard, Emile, 1894; Hubbard, Gardiner G. 1891; Hubbard, Oliver P. 1841; Hubbard, Samuel, 1860; Hubbs, Carl L. 1916; Huber, G. (2) 1909-11; Hubert, H. Edward, 1920; Huff, J. W. (2) 1881; Huffnagle, Charles (4) 1837-38; Huffnagle, John, 1835; Hughes, W. E. n. d.; Hugué-Latour, Louis Adolphe (2) 1853-57; Huhn, J. G. 1889;

Huidekoper, Rush Shippen (2) 1887-90; Huitze, A. A. 1893; Hulbert, R. S. n. d.; Hulke, J. W. 1878; Hull, Edward, 1878; Hull, Hugh M. (2) 1875; Humboldt, A. de (2) 1844-59; Humiston, W. 1868; Humphrey, G. M. 1869; Humphrey, H. B. (2) 1916; Humphrey, Z. M. 1872; Humphreys, W. 1855; Huneker, Mary, 1879; Hungerford, Edward, 1865; Hunt, D. (3) 1853-56; Hunt, Elizabeth W. 1898; Hunt, Ella M. 1912; Hunt, I. S. 1846; Hunt, J. Gibbons, (2) 1880-89; Hunt, May (2) 1914; Hunt, Rebecca C. 1895; Hunt, T. (2) 1878-84; Hunt, William (6) 1890-95; Hunter, Roland Jackson, 1919; Hunter, Thomas, 1883; Huntington, L. C. L. (2) 1872-77; Huntsey, Ezra M. 1891; Hurd, Albert (3) 1853; Hurlbut, George C. 1893; Hurry, William Cobb, 1832; Hussey, J. N. (2) 1894; Huston, Sam. (2) 1882;

Hutchinson, C. H. (4) 1893; Hutchinson, Daniel L., Jr. (5) 1889-90; Hutchinson, F. L. 1915; Hutchinson, J. P. 1854; Hutchinson, Susan A. 1914; Huth, Ernst (5) 1887; Hutton, Frederick W. 1876; Huxley, Thomas H. (2) 1860-65; Hyatt, Alphus (13) 1877-91; Hyrts, Joseph, 1851;

Ihering, Hermann von (8) 1897-1916; Iliff, (Mrs.) Arthur R. (4) 1917; Immes, A. D. 1923; Inandelle, Henry J. 1914; Ingalls, John J. 1888; Ingersoll, E. 1898; Ingham, William A. 1883; Ingle, Mark W. 1888; Ingraham, R. C. 1891; Innes, William T., Jr. 1912; Inostranzew, A. 1880; d'Inwilliers, Edward V. (2) 1890-1902; Ireland, John (2) 1886; Irwin, Francis B. 1917; Irwin, G. T. 1860; Irwin, Hardin, 1901; Isaac, B. M. 1888; Itersen, F. von, 1889; Itschner, Karl, 1895; Ives, James E. (21) 1886-1912; Iyenaga, Toyokichi, 1916;

Jackson, A. A. 1916; Jackson, Charles T. 1848; Jackson, Edward D. 1862; Jackson, H. A. 1896; Jackson, J. B. S. (2) 1846-54; Jackson, J. R. 1836; Jackson, James, 1889; Jackson, Lewis B. 1888; Jackson, Milton, 1873; Jackson, R. M. S. 1848; Jacobs, Henry E. (2) 1860; Jacobs, M. H. (2) 1911; Jahn, Albrecht (3) 1892-1904; James, Bushrod W. 1891; James, D. Willis, 1892; James, Edward J. 1892; James, George F. (2) 1892-93; James, Joseph F. (4) 1882-85; James, Mary W. 1907; James, P. O. (2) 1913; James, Theodore (2) 1886; James, Thomas P. 1864; James, U. P. (2) 1868-69; James, Walter M. 1914; Jameson, William, 1849; Jamieson, Janet P. 1918;

Janeway, John H. 1888; Jannettaz, Ed. 1878; Janney, B. S. 1825; Janney, Nathaniel E. 1886; Janse, G. n. d.; Jaquette, William A. 1914; Jarvis, Samuel Farmer, 1837; Jaske, Bro. Herman, 1889; Jast, L. Stanley (2) 1914; Jastrow, Morris, Jr. (10) 1900-10; Jay, John C. (3) 1835-66; Jayne, Eben C. (2) 1891-92; Jayne, Horace (4) 1894-1909;

Jeanes, Joseph (10) 1867-84; Jeanes, Samuel, 1868; Jefferis, William W. (5) 1892-1907; Jeffreys, J. Gwyn, 1867; Jellett, Edwin C. (3) 1909-16; Jelowitz, M. L. 1888; Jenkins, Dr. n. d.; Jenkins, John Carmichael, 1836; Jenkins, Olaf, 1913; Jenks, E. H. 1868; Jenks, Elisha T. (4) 1881-91; Jenks, W. P. (2) 1884-89; Jennings, H. S. (7) 1907-1916; Jennings, Otto E. (4) 1913-17; Jennings, T. A. 1907; Jensen, L. P. 1917; Jerman, Edward C. (2) 1917; Jessup, Augustus E. 1822; Jessup, E. A. 1907; Jessup, Henry H. 1868;

## Coll. 567 (cont.)

Jewett, Alice L. 1916; Jewett, C. C. (2) 1849; Jobson, Charles, 1888;

Johnson, Alice, 1904; Johnson, Charles W. (3) 1901-20; Johnson, F. R. 1887; Johnson, G. M. (2) 1854; Johnson, Isaac T. 1888; Johnson, Lawrence (2) 1891-94; Johnson, (Mrs.) M. 1854; Johnson, Walter R. (8) 1842-50; Johnson, William N. (5) 1890-92; Johnston, Charles (2) 1858-61; Johnston, Christopher, 1858; Johnston, George H. 1885; Johnston, James F. W. 1839; Johnston, Jasse K. 1884; Johnston, John (3) 1844-63; Johnston, W. S. 1912; Joly, C. 1880;

Jones, Charles J. (2) 1917-20; Jones, Edmund (3) 1890; Jones, Edward M. (2) 1884; Jones, F. Harper, 1882; Jones, J. Levering, 1892; Jones, John C. 1840; Jones, Jos. 1858; Jones, Mary L. 1894; Jones, Richard M. 1895; Jones, T. Rupert, 1864; Jones, W. D. (3) 1839; Jones, W. L. (4) 1848-53; Jones, W. S. 1853; Jones, William F. (2) 1890-1908; Joökel, Mr. 1895; Jordan, Abraham, 1879; Jordan, David Starr (71) 1877-1920; Jordan, Ewing (3) 1911-18; Jordan, John W. 1911; Jordan, Susan B. 1880; Joula, Franz, 1877; Joullian, J. A. 1910; Jourie, M. L. 1919; Jowe ?, Anna, 1880;

Joyce, William, n. d.; Joyer, W. H. 1893; Judd, John W. 1877; Julien, Alexis A. (6) 1879-84; Jungersen, Hector, 1904; Junk, W. (5) 1901-12; Junkin, Joseph DeF. (3) 1909-11; Juritz, Charles F. 1910; Justice, A. R. (3) 1890-94; Justice, Theodore (8) 1915-17; Justice, William W. 1884;

Kain, C. Henry, 1864; Kane, Elisha Kent, 1856; Kane, J. K. (2) 1853-57; Karr, W. W. 1900; Kassing, Edwin S. 1892; Kaur, E. V. 1884; Kay, James Ellsworth De (2) 1836; Keagy, John M. 1836; Kean, Gregory B. 1896; Keane, John J. 1912; Keating, E. E. n. d.; Keating, J. Percy, 1908; Keating, James, 1892; Keating, William H. (3) 1821-25; Keck, Charles (2) 1871-73; Keele, Joseph, 1919; Keeley, F. J. (22) 1909-18; Keely, Philip, 1910; Keen, J. H. 1898; Keen, W. W. (25) 1868-1911; Keffer, Fred A. 1866;

Keigwin, A. M. (2) 1892; Keim, Daniel M. (2) 1828-31; Keim, George deB. (2) 1884-91; Keim, George M. 1846; Keith, S. W. 1920; Keller, Ida A. (5) 1892-1916; Kellerman, Maude (2) 1912; Kelley, Arthur P. 1924; Kellicot, D. S. 1878; Kelly, Howard A. (3) 1913-24; Kelly, James, 1887; Kelso, Tessa, 1891; Kelton, Francis, 1889; Kendall, Elltro, 1892; Kendig, A. B. (10) 1888-99; Kennedy, H. W. (4) 1852-56; Kennedy, John P. 1852; Kennedy, Jos. M. (2) 1858; Kennedy, W. (8) 1895; Kennicott, Robert, 1854; Kenshaw, Jas. A. 1920; Kenyon, F. C. (9) 1896-98; Kepelmeyer, Charles A. (2) 1876-77;

Kerchner, J. H. (3) 1894; Kerlig, Horace, 1891; Kern, Edward M. 1852; Kerr, W. C. (4) 1871; Kerscha, A. 1890; Kessler, Breuker, 1894; Kessler, Charles N. 1907; Kettleborough, Charles, 1920; Keyes, Charles R. (17) 1888-91; Keyser, A. D. 1890; Keyser, Daniel, 1844; Kildare, M. E. 1890; Kildare, William P. (23) 1881-90; Kilgore, D. Y. 1867; Kilian, M. 1911; Kimckel, Jules, 1878; Kinderdine, Gertrude J. (2) 1892; King, Alfred T. 1845; King, B. H. 1882; King, Charles A. (2) 1890-91; King, Charles R. (4) 1891-96; King, Edward, 1855; King, F. H. 1878; King, H. 1840; King, H. S.

(2) 1905-06; King, R. D. (2) 1898; Kingsley, J. S. (9) 1878-1912; Kinnear, Claude H. 1891; Kinney, David N. 1887; Kinnicutt, Leonard P. 1891;

Kippist, Richard (3) 1847-69; Kirby, Byron, 1855; Kirchenpauer, Gustav, 1887; Kirckhaff, Chevalier (3) 1825-31; Kirk, Edward C. (3) 1896-97; Kirkbide, Thomas S. 1852; Kirkland, Reynold J. (2) 1896; Kirkpatrick, J. 1852; Kirkpatrick, John (7) 1863-69; Kirsch, P. H. 1889; Kirschbaum, Berno (2) 1915; Kirkland, Jared P. (11) 1850-63; Kitchell, J. W. 1905; Kite, Thomas, 1870; Kittoe, Edward D. (2) 1856-57; Kjerulf, Theodor, 1879; Klincksieck, Paul (2) 1899; Klippart, John H. 1870; Klittke, M. (3) 1894-97; Klopp, E. L. 1891; Kloss, C. B. 1908; Knapman, John W. 1877; Kneass, Samuel S. (3) 1893; Kneass, Strickland, 1835; Kneass, (Mrs.) Strickland, 1890; Kneeland, Samuel, Jr. 1858;

Knight, Alex. 1817; Knight, D. Allen (2) 1887-90; Knight, George T. 1869; Knight, J. M. 1891; Knight, S. R. 1891; Knight, William H. 1891; Knorr, George F. 1864; Knox, James B. (2) 1908-09; Knox, Joseph J. 1890; Koch, Karl (2) 1856-60; Koch, Theo. W. 1906; Koehler, K. F. (5) 1882-89; Koenig, George A. (24) 1880-1912; Koenig, Augustus (2) 1914; Kokscharow, Nilola von, 1877; Kolleck, John N. 1871; Kominch, L. G. de, 1877; Konig, Charles, 1837; Kortright, Charles E. A. 1861; Kotschankey, P. A. de, 1878;

Kraemer, Henry (7) 1910-17; Kraepelin, Karl (3) 1894-1900; Kraft, G. W. 1863; Kramer, Edward (2) 1915; Krassnoff, A. (2) 1891; Kraus, Math. 1874; Krauss, Christian Ferdinand Frederick von, (5) 1860-79; Kreidel, C. W. 1894; Krewson, Wm. E. 1893; Krider, John (3) 1859-91; Krider, Peter L. (4) 1911; Kroeber, A. L. 1905; Krumbhaar, Edward B. 1913; Krusen, Wilmer, 1911; Kuemmerle, Wm., Jr. 1887; Kuhn, C. Hartmen (3) 1901-14; Kuhne, N. 1895; Kulp, Samuel R. 1912; Kunz, George Frederick (21) 1886-1916; Kynett, Harold Havelock (2) 1893-94;

Lacerda, Antonio de, 1868; Lacordaire, Jean Théodore (2) 1848-49; Lacy, A. N. 1917; Ladd, A. J. 1920; LaForre, Carlos de, n. d.; Laikui, Clarence, 1877; Laing, Henry M. 1895; Lajos, Richter, 1878; Lallactus, William, 1868; Lamarche, Edward, 1848; Lambdin, J. R. (2) 1829-30; Lambert, John (2) 1848; Lamborn, Charles B. (3) 1899-1901; Lamborn, Robert H. 1857; Lambul, Mary E. 1893; Lamont, S. L. 1888; Lamoroux, Wendell (2) 1887; Lampe, Ed. 1907; Lamsen, (Mrs.) Allen, 1888; Lance, R. O. (5) 1895; Lancourt, G. 1834; Land, John, 1836; Landberger, C. L. Fridolin, 1855; Landes, Henry, 1901; Landis, H. K. (2) 1915; Landis, H. R. M. 1910; Landis, John, 1854;

Landreth, (Mrs.) Burnett, 1892; Landreth, D. (4) 1885-94; Landshut, Mr. 1894; Lane, Theo. 1884; Lange, Otto (6) 1911-12; Langley, S. P. (9) 1891-92; Langton, H. H. (6) 1892-1916; Lanigas, Graham, 1888; Lankester, E. Ray, 1887; Lanman, William H. 1920; Lannoy, C. W. De, 1879; Lansdale, W. Moylan (3) 1889-1907; Lanza, Francesco, 1871; Laplace, Ernest, 1916; Laporta, Marquis de, 1884; Laporte, J. L., Sr. (4) 1836-58; Larison, George H. (3) 1870-86; LaRoche, R. 1838; Lathrop, George A. (6) 1868-78; Lathy, H. K. 1912; Latimer, J. S. 1869; Laurence, George N. (34) 1847-94;

## Coll. 567 (cont.)

Laurent, Philip, 1892; Lautin, Loton, 1894; Lawrence, Bruce G. 1887;  
Lawson, John J., Sr. 1869; Lawton, William F. 1904; Layworth, U. 1849;

Lea, Frances (5) 1887-89; Lea, Henry C. (6) 1877-93; Lea, Isaac (33)  
1826-92; Leach, Frank Willing, 1883; Leach, M. L. (6) 1868-1872; Leach,  
Paul Foster, 1894; Leaming, J. Fisher (3) 1844-53; Leary, G. J. 1895;  
Leasure, D. (2) 1851; LeCompt, J. E. 1869; LeConte, John, 1854; LeConte,  
John L. (6) 1845-79; LeConte, Robert G. (5) 1901-17; Lederer, Baron (2)  
1830-32; LeDuc, William G. 1878; Lee, John Wm. 1882; Lee, W. W. 1903;  
Lee, Alfred, 1913; Lee, Benjamin (2) 1890-92; Lee, Hugh, 1837; Lee,  
Huntington (2) 1893-94; Lee, J. 1912; Lee, Leslie A. 1878; Lee, William F.  
(2) 1882-83; Leed, (Mrs.), 1889; Leeds, Arthur N. 1919; Leeds, Daniel,  
1839; Leeds, William R. (2) 1887-92;

Leffman, Henry (6) 1891-1917; Legge, W. V. 1880; Leggett, Benjamin F.  
1866; Leggett, William H. 1879; Lehmann, R. 1905; Leib, George C. 1842;  
Leib, H. F. 1842; Leidy, Allwina Franck, 1893; Leidy, Anna H. n. d.; Leidy,  
C. Fontaine-Maury, 1912; Leidy, Joseph (25) 1848-90; Leidy, Joseph, Jr.  
(17) 1891-1915; Leidy, Philip (2) 1888; Leigh, Charles (2) 1913-18; Leigh,  
George F. 1911; Leiper, Katherine S. (2) 1914-15; Lejeal, L. 1904;  
Lembnitzky, M. 1837; Lemmon, J. G. (2) 1891-96; Lemory, G. 1911;  
Lenckart, Rud. 1885; Lentner, J. A. 1888; Lenz, H. (2) 1883-84; Leonard,  
Charles Lester (4) 1894-95; Leonard, Gertrude J. 1888; Lepsius, Karl  
Richard, 1895; Lerkund, Samuel, 1888; Lermond, N. W. 1913;

Lesley, J. Peter (11) 1862-97; Lesquereux, Leo (5) 1865-80; Lesson,  
René Prunevère, 1831; Leton, E. J. 1899; LeTour, Tide Loriol, 1898;  
Letterman, Jona, 1860; Lettson, William G. 1843; Levick, J. J. (3) 1887-92;  
Levison, Wallace Gould (6) 1901; Lewenhaupt, Count Claes Adam Carl, 1898;  
Lewis, Bertha, 1887; Lewis, E. J. n. d.; Lewis, Edward (3) 1890; Lewis,  
Elias, 1869; Lewis, Francis W. (3) 1883-87; Lewis, Grace Anna (20) 1882-  
1903; Lewis, Henry Carvill (14) 1879-86; Lewis, James (9) 1860-78;  
Lewis, John E. A. (2) 1917; Lewis, John Frederick, 1913; Lewis, John T.  
(2) 1865-94; Lewis, Julia F. (2) 1889; Lewis, Robert M. 1814; Lewis,  
Louis K. 1898; Lewis, Minford, 1891; Lewis, Samuel, 1890; Lewis, William  
D. 1850; Leydel, R. 1880; Lhomme, Leon (2) 1919; Liancourt, G. 1834;

Liebeck, Charles, 1917; Liebig, G. A. 1866; Liechman, A. 1917; Liffmann,  
Henry (2) 1889-90; Liggot, A. Snowden, 1857; Lightfoot, T. M. (3) 1891-93;  
Lillie, Frank R. 1904; Lillis, John, 1888; Lincecum, Gideon (2) 1867; Linck,  
George, 1837; Lindahl, Joshua, 1893; Linden, Lucien (9) 1893; Lindley, D.  
1869; Lindley, John (London), 1842; Lindley, John (New York), 1870;  
Lindsay, Edward (4) 1914-18; Lindsay, Robert M. (2) 1889-92; Linn, Alonzo  
(2) 1889-90; Linn, William H. 1890; Linton, Edwin, 1892; Linton, M. Albert,  
1924; Linussio, L. L. 1831; Lipecomb, M. L. 1888; Lippincott, Charles D.  
(4) 1891-1903; Lippincott, Walter, 1917;

Little, Jas. H. 1867; Lloyd, Herbert J. (91) 1890-92; Lloyd, Jas. H. 1894;  
Lobé, G. (3) 1836-38; Lochman, Charles L. 1896; Locke, John (2) 1841-42;  
Lockington, W. N. (5) 1879-94; Loard, A. (2) 1883-88; Loeb, Jacques (4)

1911-12; Logan, J. Dickenson, 1865; Logan, William E. (2) 1847-68; Longchamps, Edward DeSely, 1841; Longden, J. N. 1896; Longmuller ?, P. L. 1917; Longsheth, E. 1892; Longstreth, Ellen W. 1898; Longstreth, Wayne R. 1892; Loomis, H. 1917; Loomis, Leverett M. (4) 1877-1909; Loosey, Charles F. (2) 1859; Lorenz, William A. (3) 1863-95; Lorenzen, A. 1896; Loriol, Percival de (3) 1876-77; Loth, C. Edward, 1883; Love, A. C. 1884; Love, E. G. 1901; Lovering, James W. 1862; Lovett, A. L. 1915; Lovill, John H. (7) 1913-14;

Lowber ?, E. W. 1902; Lowe, E. J. 1856; Lowe, John (2) 1891; Lowele, J. R. 1884; Lowes, Frederick, 1868; Lowey, William, 1868; Lownes, J. H. 1818; Lowrie, J. R. n. d.; Lowry, A. (3) 1891; Lubuck, Sir John (2) 1889; Lucas, Fred A. 1891; Lucas, John, 1891; Luccarini, J. 1879; Ludlow, L. L. 1847; Ludlow, William, 1876; Lukins, William H. 1863; Lull, Richard Swann, 1903; Lund, R. W. 1887; Luther, D. 1862; Luther, Otto (2) 1891; Luther, S. M. (3) 1868-89; Lyle, D. A. 1878; Lyman, Theodore (3) 1866-89; Lyon, Henrietta D. 1882; Lyon, Sidney S. 1863; Lyon, Victor W. (6) 1878-79; Lyons, I. L. 1875;

McAleer, John, 1889; MacAlester, Jas. (2) 1892-96; McAllister, Oswald, 1887; McAllister, Wm. Y. 1872; McAtee, W. L. (2) 1912; McBride, T. H. (2) 1882; McCadden, David N. 1891; McCaffrey, J. Carroll (2) 1894; McCall, George A. 1867; McCamant, Thomas (3) 1890; McCartee, D. B. 1857; McCaskey, J. P. (2) 1885-95; McCaughan, J. Z. A. (2) 1885; McCauley, C. A. H. 1880; McCaun, Horace, 1891; McCeorwick, Calvin, 1892; McClellan, George B. (7) 1855-1911; McClung, Charles L. 1869; McCobb, James T. 1863; McCollin, S. Mason, 1890; McCombs, R. S. (3) 1890-1902; McConaughy, David, Jr. 1887; McConnel, R. B. M. (5) 1893-95; McConnell, J. C. 1896; McCook, (Mrs.) Henry C. (3) 1912-13; McCook, Henry C. (48) 1877-1910; McCook, Paul C. 1897; M'Cool, T. H. 1889; McCord, J. L. V. 1912; McCormick, Calvin, 1888; McCrady, John, 1878; MacCraig, D. 1896; McCulloch, C. C. 1914;

MacDonald, Arthur, 1907; McDonald, M. (3) 1861-93; McElroy, Cecelia Baldwin, 1912; McElroy, Clayton, n. d.; McErne, Thomas, 1814; Maceuen, C. Izard, 1858; McEuen, Thomas (2) 1834-35; McFadden, Jno. H. (4) 1913-18; McFadden, L. H. 1887; McFarland, James H. (2) 1839-46; McFarland, Joseph, 1915; McFarlane, (Mrs.) John J. 1890; Macfarlane, John M. (25) 1891-1918; McFetridge, J. R. 1889; McGee, W. J. (5) 1884-94; McGeorge, Wm., Jr. 1892; McGerity, William J. 1911; McGingen, William, 1847; MacGloin, Frank (2) 1870; McGrath, John M. 1890; McGregor, J. H. (4) 1893-95; McIlvaine, Charles (2) 1885; McIndoo, N. E. (14) 1911-14; McIntosh, M. V. 1919;

MacKall, L. L. (3) 1916; MacKay, Franklin, 1892; MacKay, George, 1892; McKay, James L. 1862; MacKean, James, 1850; McKean, W. V. (3) 1884-90; McKeever, Joseph, 1888; Mackellar, Thomas, 1888; McKenna, John, 1896; McKenney, R. E. B. (2) 1903-06; Mackie, C. F. 1861; McKowen, W. A. 1893; McLaine, Robert Baird (6) 1898; McLaskey, J. P. 1879; McLaughlin, A. C. 1901; McLean, Charlotte F. 1894; McLean, F. H. 1918; McLean, John D.

## Coll. 567 (cont.)

1915; Macloskie, George, 1911; McLucas, R. J. 1911; Maclure, A. (7) 1836-44; Maclure, Wm. 1836; McManus, M. A. 1891; McManus, Silas (2) 1872-73; MacMillan, James (3) 1863; McMinn, H. S. 1892; McMinn, J. M. (5) 1849-60; MacMullen, John (3) 1888-89; McMurrich, J. Playfair (2) 1889-91; McMurtrie, H. n. d.; McNally, Mary A. n. d.; McNamara, J. A. 1888; McNeely, Robert (2) 1897; MacNiel, Nicholas S. M. 1883; Macomber, N. G. (2) 1869-74; Maconochie, E. 1913; McQuillen, Daniel Neall, 1890; Macrorie, Basil F. 1913; Mactier, William L. 1884; Macut?, C. G. 1895; MacVey, John Joseph (4) 1892-99;

Maddock, Emeline (3) 1915; Madison, Harold L. 1913; Madlicott, H. B. (2) 1877-80; Magee, Fannie L. 1912; Magrini, E. B. 1895; Maguire, Charles R. (4) 1891; Maher, John F. 1915; Maisch, John M. (2) 1885-86; Maisonneuve, Durieux de, 1866; Maitland, Virginia, 1891; Majoni, J. C. 1912; Major, Alfred, 1878; Malherbe, Alfred (2) 1890-98; Mallon, Edward A. 1916; Mallot, J. W. (2) 1892; Maloney, Martin, 1891; Malzine, F. de, 1869; Man, Johannes Govertus de (2) 1887; Manderfield, Thomas F. (4) 1887-90; Manderson, F. S. 1895; Mangrum, W. V. 1915; Manigault, Gabriel E. 1866; Manley, B. 1851; Mann, J. Fearon, 1872; Mann, Josephine M. 1915; Mann, Warren, 1903; Mann, William B. 1892; Manning, A. 1905; Manning, Prentice C. 1904;

Manojlovic, Gavro, 1905; Mantin, Levy (2) 1890; Mantisson, C. 1861; Marcolongy, Roberto, 1907; Marcou, Jules (2) 1862-64; Marcou, L. B. 1887; Marechal, P. 1828; Marie, E. (2) 1883-84; Marin, Juan J. (2) 1876-77; Maris, John M. 1891; Mark, E. L. (7) 1902-04; Markland, J. Henry, 1838; Markoe, Francis, Jr. (6) 1841-47; Markoe, John, 1892; Marks, A. J. 1889; Marnock, G. W. (11) 1872-77; Marple, Thomas, 1888; Marriott, Victor E. (2) 1919; Mars, J. Ewing (3) 1887-88; Marseilles, Charles, 1890; Marsh, Benjamin V. (2) 1864-75; Marsh, C. Dwight (2) 1888-95; Marsh, George P. 1867; Marsh, O. C. (22) 1871-94; Marshall, Augustus Fredric Count (2) 1877; Marshall, Webster, 1880; Marshall, William B. (8) 1887-1903; Marsters, V. F. 1895; Marston, Hunter S. 1918; Marston, John, 1853;

Martin, Bruce, 1913; Martin, Collier F. 1917; Martin, D. S. (4) 1874-1914; Martin, E. M. 1881; Martin, K. 1882; Martin, Lelia, 1915; Martin, P. n. d.; Martin, Simon J. 1898; Martin, T. C. 1919; Martin, V. (2) 1901-15; Martindale, Isaac C. (40) 1874-92; Martindell, E. W. 1911; Martins, C. 1919; Martins, Charles (3) 1833-35; Martins, E. von (4) 1871-87; Martius, Karl Friederich Philipp von (4) 1826-68; Marvin, Cornelia (3) 1916; Marx, George (13) 1887-91; Mascart, E. 1889; Masciari, Fr. 1908; Maskelyne, N. S. 1875; Mason, Clara R. (2) 1920; Mason, John W. 1890; Mason, Mary E. (2) 1916; Mason, Nathaniel H. (2) 1857-58; Mason, Owen, 1841; Masson, G. (3) 1884-95; Masters, Maxwell T. 1882; Mastin, C. H. 1876; Maszarelli, G. (2) 1889;

Mather, William W. 1838; Mathers, J. W. 1890; Mathews, Edward B. (2) 1900; Mathewson, William A. (2) 1890-91; Matlack, Charles H. 1816; Matthews, Caleb B. 1827; Matthews, Charles W. 1890; Matthews, R. S. (3) 1895; Matthews, Theodore P. (6) 1892-1902; Maule, Charles E. 1888;

Maury, Carlotta J. (15) 1911-17; Maury, M. F. (6) 1834-53; Maury, Mytton (5) 1912-13; Mawson, Joseph (3) 1881; Maxwell, Louise (2) 1895; May, William, Jr. (2) 1887-92; Mayer, Alfred M. 1886; Mayer, P. (5) 1891-96; Mayer, Ralph, 1901; Mayer, Richard, 1917; Maynard, C. J. (2) 1896; Mayo, Charles F. 1846; Mayo, E. R. 1880; Mayr, Gustav, 1879; Mazyck, William G. (3) 1877-78; Mead, Theodore L. 1868; Meade, George G. 1866; Meade, William, 1824; Means, J. Ewing, 1913; Mearns, Edgar A. (3) 1878-98; Mease, James (2) 1830-32;

Meehan, S. Mendelson (2) 1902-09; Meehan, Thomas (3) 1876-82; Meehan, W. E. (9) 1897-1917; Meek, F. B. (23) 1856-75; Meek, S. E. (23) 1884-97; Meigs, Charles D. (8) 1822-95; Meigs, Edward B. (13) 1903-15; Meigs, H. 1846; Meigs, J. F. 1919; Meigs, Jas. Aitken, 1869; Meigs, John G. 1895; Meigs, William M. (2) 1890-94; Meiles, E. B. 1860; Meisel, B. 1901; Mell, P. H. (5) 1890-92; Mellon, Charles, 1891; Mellor, C. C. (5) 1890; Mellors, Joseph, 1891; Melsheimer, F. E. 1844; Memin, Louis, 1905; Mendell, Guilhermena, 1907; Meneghini, Jos. (2) 1878; Mengel, Levi, W. (7) 1886-91; Menges, Josef, 1876; Menlin, J. R. 1902; Mennier, Stanislaus (24) 1914-19; Mercer, H. C. (9) 1894-99; Mercer, William R., Jr. 1914; Merinol, Don Miguel, 1884; Merkel, Fr. 1882;

Merrell, Wm. D. 1917; Merriam, C. Hart (13) 1891-1911; Merrick, J. Hartley, 1901; Merrick, S. V. (3) 1829-53; Merrill, E. D. (3) 1915; Merrill, George P. (2) 1905; Merrill, Wm. Stetson (2) 1894-95; Metcalf, Maynard M. (2) 1914; Metcalf, Z. P. (4) 1917-19; Metman, Edward, 1913; Metzger, George (3) 1868-69; Metzger, William, 1888; Meuybree, E. J. 1897; Meyer, A. B. (2) 1901-05; Meyer, Abraham (7) 1889-95; Meyer, Gus A. (2) 1910; Meyer, H. Conrad (3) 1911-12; Meyer, Herman de (3) 1830-32; Meyer, Otto (14) 1884-87; Michael, Helen Cecilia DeSilver (12) 1886; Michel, W. M. (2) 1848-49; Michelin, G. 1864; Michelotti, Giovanni, 1856; Michels, John, 1880; Michener, E. (8) 1855-95; Michill, James, 1849; Middleton, R. Morton, Jr. 1889; Middleton, W. E. (2) 1888;

Mifflin, Lloyd, 1823; Mighels, J. W. 1844; Miles, Edward S. (3) 1906-11; Miles, M. (2) 1860-62; Miliken, George, 1890; Millar, W. N. 1898; Miller, Adolph W. 1898; Miller, Charles, Jr. 1895; Miller, Edward F. 1905; Miller, George M. 1873; Miller, Gerrit S. Jr. (15) 1898-1902; Miller, Jacob S. 1853; Miller, Julian R. 1907; Miller, L. W. (2) 1892; Miller, M. G. (2) 1915-16; Miller, Mary H. 1894; Miller, S. Millington, 1896 ?; Miller, Samuel Almond (2) 1877-81; Miller, Stephen F. 1857; Millett, George, Brown, 1896; Milligan, C. T. (3) 1891-99; Millikin, Emily Brown (2) 1912; Millis, John, 1917; Millis, M. G. 1900; Millot, Mr. 1906; Mills, Charles (4) 1889-92; Mills, Charles D. B. 1873; Mills, William C. 1905;

Milne, David (3) 1894-1913; Milne-Edwards, Alphonse (2) 1867-91; Milne-Edwards, H. 1828; Milnor, William, 1826; Mink, Arthur E. 1888; Minor, Albert Dod, 1886; Minor, W. C. (3) 1855; Minot, Charles Sedgwick (2) 1878-87; Mintzer, F. J. W. 1888; Mishima, Yataro, 1918 ?; Mitchel, O. M. 1858; Mitchell, Edward C. (2) 1907; Mitchell, H. R. 1901; Mitchell, Howard W. (3) 1877-1919; Mitchell, J. E. 1884; Mitchell, J. K. 1847;

Mitchell, J. Nicholas, 1909; Mitchell, Mydleton, n. d.; Mitchell, S. Wier (2) 1867; Mitchell, Samuel L. (3) 1817; Mitchell, Wilson, 1890; Mitsukuri, K. 1899;

Mivart, St. George, 1875; Mobius, M. 1895; Moebius, E. 1900; Moeller, Valerian de, 1877; Mohr, Charles, 1881; Mohr, Paul (2) 1847; Mohrinster, G. Schwartz, 1868; Mojsisovics, Edward von, 1877; Molina, O. 1908; Molkenbaer, D. I. H. 1854; Molloy, T. N. (2) 1891; Moluark, Ludwig, 1888; Monakow, C. 1914; Monks, Sarah P. (8) 1880-1920; Monnet, G. 1888; Mons, Ch. von, 1826; Montague, William L. (4) 1864-67; Monterosato, Marchese di Palermo, 1884; Montfort, M. 1874; Montgomery, John C. 1880; Montgomery, John T. 1891; Montgomery, Priscilla B. 1919; Montgomery, S. 1870; Montgomery, S. G. Morton, 1890; Montgomery, Thomas H., Jr. (35) 1897-1912; Montgomery, Thomas L. (10) 1891-1917; Monticelli, Fr. Sav. 1906;

Moody, R. D. 1894; Moon, J. W. 1847; Moore, Alfred (3) 1890-95; Moore, (Mrs.) Bloomfield H. 1872; Moore, Clarence B. (139) 1893-1920; Moore, E. M. H. 1895; Moore, George, 1915; Moore, H. 1896; Moore, Henry D. 1917; Moore, J. Hampton, 1894; Moore, James, 1835; Moore, John Carrick, 1855; Moore, John Percy (39) 1895-1924; Moore, M. 1910; Moore, S. 1855; Moore, Thomas H. 1890; Moore, W. E. (2) 1853-60; Mörch, O. A. L. 1872; Mordecai, E. R. 1860; Moreau de Jonnes, A. 1845; Morelet, M. M. 1867; Moret, G. 1879; Morgan, A. P. 1916; Morgan, Alfred (2) 1874; Morgan, E. M. 1883; Morgan, L. H. 1865; Morgan, Lilian V. 1904; Morgan, Marshall S. 1917; Morgan, T. H. (8) 1912; Morgan, Thomas (2) 1888; Moriarty, William W. 1883; Moricand, Stefano, 1848; Morje, Joseph, 1910; Morong, Thomas, 1891;

Morrell, Edward, 1891; Morrill, A. W. 1904; Morris, C. Barbam, 1887; Morris, Casper, 1839; Morris, Charles (7) 1890-94; Morris, D. 1897; Morris, Effingham B. (6) 1905-18; Morris, Galloway C. (3) 1892-99; Morris, George Spencer (7) 1891-1917; Morris, Henry (2) 1896-1912; Morris, Herbert, 1885; Morris, John, 1877; Morris, John G. (8) 1844-47; Morris, John T. (4) 1869-86; Morris, L. S. 1893; Morris, L. W. (2) 1870-84; Morris, Lawrence, 1891; Morris, M. H. (3) 1847-49; Morris, Marguerette F. 1859; Morris, Marriott C. 1892; Morris, V. Chester, 1891; Morris, W. B. 1892; Morris, Wistar, 1869; Morrison, A. J. 1869; Morrison, Alfred J. 1911; Morrison, George Austin, Jr. 1906; Morrison, V. H. (2) 1868-70; Morse, A. H. 1849; Morse, Edward S. (2) 1868; Morse, S. R. 1892; Morse, Wilbur (2) 1909; Morsell, William F. C. 1880;

Morton, Alfred, 1871; Morton, D. Walter, 1908; Morton, R. P. (2) 1851-91; Morton, S. E. 1911; Morton, Samuel George (7) 1827-63; Morton, Thomas G. (2) 1891-92; Morton, Thomas S. K. 1891; Mosblech, P. W. (3) 1861-68; Moscoso, T. Eugenio, 1903; Moseley, H. N. 1884; Moser, H. C. 1890; Moss, C. M. 1894; Moss, J. V. 1891; Moss, Theodore F. (4) 1847-69; Mott, Henry (2) 1891; Motter, Murray Galt, 1898; Mouillefarine, M. 1874; Mouk, Frank X. 1892; Moulton, J. (3) 1910-11; Mousson, Mr. 1873; Mowat, O. 1884; Mucklè, Alex. (4) 1890-92; Mucklé, M. Richards (2) 1879-91; Mudra, A. (2) 1910-12; Mueller, Ferdinand von (2) 1876-82; Mulchler, Fred, 1905;

Muller, A. F. (4) 1890-1901; Müller, Aug. 1887; Müller, Auguste F. 1869; Muller, B. 1853; Müller, Charles, 1860; Muller, Gustavus A. 1897; Mulsant, E. 1878; Munro, D. A. (2) 1888; Munsell, J. 1853; Murchison, Roderick Impey (2) 1832-71; Murechal, Mr. 1828; Murlin, John Raymond (5) 1902; Murphy, Louis S. (2) 1915; Murphy, Thomas E. 1918; Murphy, W. H. 1888; Murray, A. (2) 1868-77; Murray, David, 1876; Murrich, Mayfair M. (2) 1907; Mutch, J. Robert, 1919; Muybridge, Eadweard (3) 1887; Myer, Isaac, 1895; Myer, W. E. 1916; Myers, Frank J. 1918; Myers, John Andrew, 1914;

Nadejde ?, Joan, 1883; Napier, Arthur H. (2) 1917-18; Narton, Arthur H. 1909; Nash, C. W. 1916; Nason, William A. (8) 1864-72; Nassau, R. H. (5) 1890-1912; Naulty, Edwin Fairfax, 1909; Neale, S. C. (2) 1910; Needham, James G. (2) 1895-1903; Needle, G. H. 1912; Nees von Esenbeck, C. G. 1837; Negus, J. Engles, 1854; Neil, Richard R. 1891; Nelson, James A. (9) 1904-19; Nelson, Norman E. 1918; Netoliczka, Eugen, 1880; Neumoegen, R. (2) 1889;

Newberry, J. S. (8) 1863-90; Newberry, Sarah G. 1892; Newbold, Clement B. (3) 1893-1911; Newbold, H. F. 1892; Newbold, John S. 1913; Newcomb, C. F. 1893; Newcomb, W. 1869; Newcomet, Wm. S. 1912; Newell, F. H. 1892; Newhall, D. S. 1882; Newkirk, H. E. 1890; Newton, Alfred (12) 1861-95; Newton, George B. 1893;

Nice, Wm., Jr. (4) 1892-95; Nichalsny, L. 1887; Nicholle, Wm. H. T. 1906; Nicholson, Charles (2) 1848; Nickles, J. M. 1906; Nicollet, J. N. 1842; Nicolli, Ernest, 1906; Nicolls, G. A. (2) 1871; Nicols, M. Louise, 1918; Nicols, P. G. 1901; Nieuwland, J. A. (6) 1912-13; Nijhoff, Martinus (14) 1901-20; Nilson, Sven, 1883; Nimlet, Marion G. 1907; Nietzsche, George E. (4) 1912-16; Noble, Alleoma Leidy, 1893; Nolan, E. J. (1,469) 1862-1920; Nomura, S. (2) 1910-11; Nordenskiöld, Adolf Eric (2) 1880; Norditeds, O. 1911; Mordmann, A. von, 1832; Norman, B. M. (3) 1843-54; Nørregaard, E. M. (3) 1912-13; Norris, Geo. G. (3) 1897-99; Norris, Geo. W. 1842; Norris, Geo. W. 1917; Norris, Isaac (9) 1879-1907; Norris, S. Harvey, 1863; Norton, Edward (2) 1862-68; Norton, Gertrude, 1916; Norwood, C. J. 1894; Norwood, Joseph G. (5) 1843-68; Nostrand, D. van (2) 1869; Nourse, Henry S. 1881;

Nunez, Dionicio, 1837; Nusbaum, Louis, 1913; Nutt, David (2) 1918-19; Nuttall, L. W. 1879; Nuttall, Thos. 1823; Nutting, C. C. (2) 1895; Nye, W. L. 1881;

Oberholtzer, (Mrs.) S. L. (2) 1882; Ochsenius, Carl (3) 1880-96; Odenheimerr, J. M. 1917; Odhmer, C. Th. 1899; Odinet, R. (3) 1868-1909; O'Donoghue, Chas. H. O. 1919; Ogden, H. L. 1890; Ogerien, Frère, 1869; O'Harra, C. C. 1918; Ohl, H. C. 1891; Ohlen, Emanuel, 1899; Ohno, N. 1900; Ohwing, C. F. 1917; Okubo, Samuro, 1894; Oliver, Charles A. (3) 1888-96; Oliver, F. J. 1924; Oliveri, Antonio, n. d.; Olmsted, Denison, 1828; Olson, Charlotte Y. (2) 1892; Olson, J. A. (2) 1919; Olsson-Seffer, Pehr, 1910; Oltmann, Friedrich, 1889; Olynttio, Antonio, 1895; Ombodi, James, 1844;

Ondarza, Juan, 1859; O'Neal, Wm. B. 1916; O'Neill, J. Kelly, 1863; O'Neill, Charles (3) 1884-86; Only, J. (5) 1913;

Orbigny, Alcide Dessalines d', 1835; Orcutt, C. R. (2) 1895-1915; Ord, George (20) 1822-58; Orland, C. 1902; Ortega, Pablo (2) 1910; Orten, Edward, 1886; Ortmann, Arnold E. (3) 1895-1905; Orton, James (9) 1868-70; Orum, Morris L. 1896; Osband, (Mrs.) L. A. 1887; Osborn, Henry Fairfield (100) 1882-1924; Osborne, (Mrs.) A. O. 1870; Osler, William (6) 1885-1919; Osmun, Gil. R. 1884; Osten Sacken, R. (2) 1858-68; Oswald, Felix (2) 1908; Otis, George A. (2) 1866-77; Ottofy, Louis, 1889; Outerbridge, Alex. E., Jr. (2) 1876; Overlock, M. G. 1916; Owen, A. M. 1877; Owen, D. D. (3) 1850-55; Owen, Richard (Indiana), 1860; Owen, Richard (London), 1834; Owen, Richard Dale, 1834; Owen, Thomas M. 1909; Oyster, J. H. 1893;

Pack, Herbert J. (2) 1915-16; Packard, A. S., Jr. (13) 1857-1902; Packard, John, 1901; Packer, Jno. B. 1866; Paine, Martyn, 1852; Paladilli, A. 1867; Palmer, Clayton F. 1907; Palmer, Imogene, 1895; Palmer, John A. (2) 1899-1904; Palmer, O. D. 1861; Palmer, T. Chalkley (10) 1891-1920; Paltsita, Victor H. 1898; Pancic, Josif, 1888; Pannepacker, D. E. 1890; Papineau, A. E. 1872; Parent, Joseph B. 1887; Paret, T. Dunkin (2) 1880; Parker, C. F. 1874; Parker, D. 1826; Parker, Ernest J. O. 1915; Parker, G. H. (17) 1888-1918; Parker, Harry G. 1901; Parker, J. C. 1863; Parker, John H. (2) 1890; Parker, Joseph E. 1890; Parker, W. E. (7) 1891-97; Parker, W. J. 1888; Parker, W. Kitchen, 1869; Parker, (Mrs.) Willard (4) 1867-68;

Parkinson, J. Caspar, 1849; Parkinson, John, 1916; Parlatore, Eugenia, 1893; Parrish, Stephen, 1890; Parsons, Charles L. 1916; Parsons, Francis H. (3) 1892; Parsons, Fred. A. 1897; Partridge, D. Anson (9) 1895-96; Pascal, C. L. 1864; Paschall, S. Edward (4) 1887-89; Patch, Clyde L. 1919; Patterson, Frank T. 1896; Patterson, L. E. 1888; Patterson, R. M. (2) 1816-23; Patterson, Richard (7) 1889-90; Patterson, Robert, 1898; Patterson, W. H. 1864; Patton, William A. (2) 1917-19; Paul, James, 1886; Paulucci, M. (2) 1883; Paxon, Owen Shoemaker (2) 1903;

Peabody, (Mrs.) E. 1912; Peabody, S. H. (3) 1876-77; Peacock, Charles K. 1916; Peacock, Charles L. 1916; Peak, Frank, 1888; Peale, A. C. (3) 1888-1901; Peale, Charles Wilson (Shamokin), 1855; Peale, Franklin, 1864; Peale, Rubens, 1825; Peale, Titian R. (10) 1824-77; Pearce, W. S. 1888; Pearse, A. S. (4) 1895-1911; Pearson, George, 1889; Pearson, Joseph T. (7) 1891-94; Peary, R. (4) 1892-1910; Pease, Charles, 1877; Pease, James O. 1874; Pease, W. Harper (7) 1848-71; Peavot, Henry, 1916; Peck, Henry T. 1871; Peck, J. F. 1869; Pedro d'Alcantara, Dom. (Emperor of Brazil) (4) 1873-77; Peduck, A. K. 1891; Peebles, Florence, 1913; Peet, S. D. (2) 1879-87; Peirce, Benjamin, 1858; Peirce, C. Newlin (12) 1880-97; Peirce, Harold (3) 1917; Pember, Arthur, 1880; Pemberton, Clifford, Jr. 1890; Pemberton, Henry, Jr. (4) 1877-1909;

Pendleton, Lewis W. (3) 1866-94; Pendolon, A. 1889; Pennell, Francis W.

(9) 1920; Pennington, L. H. 1919; Pennock, C. J. 1896; Pennock, C. W. (2) 1828-35; Pennock, Caroline, 1875; Penny, F. W. 1917; Pennypacker, Charles H. (5) 1879-91; Pennypacker, Isaac R. 1888; Pennypacker, J. T. 1901; Pennypacker, James L. 1891; Penrose, Boies (9) 1889-1901; Penrose, Charles B. (8) 1904-19; Penrose, R. A. F., Jr. (41) 1902-20; Pepper, George S. 1890; Pepper, William (5) 1868-1915; Perabeau, Madame, 1870; Percy, H. 1888; Perine, Clara N. 1914; Perkins, G. H. (2) 1915; Perkins, George W. 1894; Perkins, Henry Farnham (18) 1901-03;

Perley, Thomas F. 1884; Perot, Charles P. (103) 1890-96; Perot, T. Morris, 1867; Perrot, Louis (4) 1912-20; Perry, C. 1852; Persh, Bernard, 1884; Persh, Laura, n. d.; Pesobi, Ent. (2) 1899-1903; Petch, T. 1916; Peter, Robert (2) 1835-36; Petermann, Augustus, 1859; Peters, John P. (2) 1891; Peters, Thomas M. (5) 1853-56; Peters, Wilhelm C. H. 1875; Petersen, Wallace, 1914; Peterson, (Mrs.) A. E. 1894; Peterson, Robert E. 1859; Pettingell, A. 1863; Pettingell, J. H. 1859; Pflaum, Magnus (3) 1897; Pfordten, von den (3) 1855; Pheant, Henry, 1885; Phelps, M. A. (2) 1862; Philippi, R. A. 1867; Philips, Ferdinand, 1905;

Philler, Mr. 1892; Phillips, Charles L. 1906; Phillips, E. F. (2) 1914; Phillips, Francis C. (2) 1889; Phillips, George A. (2) 1909-12; Phillips, Henry, Jr. (7) 1885-94; Phillips, J. S. (2) 1844; Phillips, William (2) 1892; Pic, Maurice (2) 1901; Pickering, Charles (6) 1826-37; Pickett, E. J. 1885; Pickett, F. L. (2) 1916; Piddington, H. F. (9) 1839-54; Pierpont, Robert (2) 1831; Piersol, George A. (5) 1884-1910; Pike, J. T. 1915; Pike, J. W. (5) 1880-81; Pilate, J. 1847; Pile, Charles H. 1902; Pillow, Wm. H. 1869; Pilsbry, Adeline Avery (2) 1913; Pilsbry, Henry Augustus (12) 1882-1920; Pilsbry, J. H. 1885; Pim, Arthur, 1884; Pinart, Alphonse, 1876; Pingard, L. 1894; Pipes, F. H. 1875; Pisani, Mr. 1846; Pitcher, Zina (3) 1830-46; Piton, Camille, 1879;

Platt, Charles, 1890; Platt, Franklin (2) 1892-94; Platz, J. Theoph. 1864; Playfair, R. L. 1870; Pleasants, Henry, 1867; Pleasonton, Alfred, 1858; Plongeon, Augtus Le, 1887; Plummer, Laura, 1888; Plummer, Mary W. 1894; Plympton, E. B. 1857; Poey, Felipe, 1869; Poirier, H. V. (3) 1868; Pollard, Charles Louis, 1907; Pollock, Allan, 1878; Pollock, J. Bell, 1854; Pond, E. J. 1891; Ponell, J. W. 1894; Poole, Herman, 1869; Poole, W. F. (5) 1891-92; Pooley, (Mrs.) Thomas E. 1914; Popenoe, Edwin A. 1879; Porcher, Francis Peyre, 1849; Porta, Luigi Bombecci, 1875; Porter, E. A. 1906; Porter, Edward D. 1857; Porter, J. Hampden, 1863; Porter, Jacob, 1827; Porter, R. H. (7) 1890-95; Porter, Thomas C. (10) 1853-87;

Potter, Alonzo, 1852; Potts, E. (23) 1885-1911; Potts, William John (9) 1877-93; Poulson, Charles A. (2) 1826-52; Poulton, E. B. (6) 1911-14; Pourtater, S. P. 1868; Powel, John Hare (2) 1857-58; Powel, Robert H. 1862; Powel, Samuel (5) 1851-69; Powell, J. W. 1873; Powell, James E. n. d.; Powell, Jorges (4) 1890-91; Powers, Edward, 1891; Poyser, W. A. 1919; Pratt, Henry S. 1917; Pratten, Henry, 1854; Preble, Paul, 1909; Prescott, William, 1861; Presser, Theodore (2) 1894-96; Prest, W. H. (2) 1888-1903; Prevost, S. M. 1893; Price, C. J. (3) 1870-83; Price, Edward, 1873; Price,

J. A. 1886; Price, J. Sergeant (2) 1882-90; Price, J. T. (2) 1891; Price, Philip M. 1834; Price, Thomas C. 1892; Prichard, Mary Frothingham, 1915; Prime, Frederick (6) 1904-14; Prime, Henry (2) 1871; Prime, Temple (6) 1862-64;

Prince, William (4) 1872-74; Princeton, Annie, 1889; Prindle, M. S. n. d.; Printiss, George, 1915; Pripler, T. S. 1885; Pritchard, James Cowler, 1839; Probasco, Henry, 1879; Procter, William, Jr. 1867; Protsmann, A. B. 1885; Proudfit, S. M. n. d.; Prout, Hiram A. (2) 1855-57; Provancher, L'abbe, 1886; Pryer, W. B. 1869; Pukett, E. J. 1865; Pulsifer, Sidney, 1872; Pulty, William, 1890; Purvis, F. P. 1918; Putnam, F. W. (17) 1862-1913; Putnam, Helen C. 1902; Putnam, Herbert (5) 1896-1919; Putzeys, Jules Antoine Adolphe Henri (2) 1878-82; Puxty, W. C. 1873; Pyle, Greutein Yeatman, 1894;

Quaritch, Bernard (3) 1876-1914; Queen, James W. 1883; Quesney, Ed. 1855; Quesnio, A. 1836; Quiggle, James C. (2) 1889; Quinby, J. B. (3) 1828-36; Quintard, J. B. 1889;

Raddle, G. 1868; Raddle, Wm. 1849; Rae, Ethel, 1913; Raesly, Geo. W. 1913; Rafter, George W. 1888; Ragancy, Enrico (2) 1886-94; Ragsdale, G. H. 1890; Rainsford, Chas. M. 1920; Ralston, Gerard (4) 1829-40; Ralston, John K. 1867; Ramaley, Francis, 1908; Ramsay, A. (7) 1882-1901; Ramsay, S. 1916; Ramsey, M. R. 1896; Ranck, Samuel H. 1911; Rand, B. Howard, 1865; Rand, Theo. D. (74) 1878-1903; Rand, William, 1855; Randall, B. 1832; Randall, B. Alex. (2) 1894; Randall, F. A. 1872; Randall, H. A. 1869; Randall, Henry S. 1848; Randall, J. W. 1837; Randolph, Evan, 1884; Randolph, Richard W. 1887; Rane, W. C. 1920; Raney, M. Llewellyn (13) 1918-20; Rankin, Helen, 1919; Rankin, Henry (3) 1901-10; Rankin, William, 1862; Ransom, N. Huntly, 1888; Ranyard, A. Cooper (3) 1889-93;

Rash, G. von, 1884; Rasruscroft, W. L. 1891; Rathbun, Mary J. (7) 1897-1903; Rathbun, Richard (9) 1897-1900; Rathvon, J. 1861; Rathvon, S. S. (8) 1854-89; Rau, Eugene A. (6) 1883-91; Rau, Phil (2) 1914; Rau, William H. (10) 1910-17; Rauch, John H. 1856; Raulin, Victor, 1880; Ravenel, Edmund (2) 1832-35; Ravenel, Henry W. (8) 1849-60; Ravenel, St. Julien, 1855; Ravenel, W. de C. 1914; Rawle, Brooke, 1892; Rawle, Francis William, 1911; Rawson, A. L. 1873; Rawson, Rawson W. (2) 1870; Ray, Milton S. 1904; Rea, H. P. 1893; Rea, Paul M. (3) 1909-15; Read, A. C. (2) 1907; Read, Charles Albert, 1907; Read, E. E. 1891; Read, J. 1853; Read, James, 1855; Read, M. C. (2) 1853-54;

Reclus, Elisée F. 1877; Redche, H. C. 1913; Reddick, Donald, 1923; Redfield, John H. (15) 1846-92; Redfield, Robert S. (9) 1895-96; Redfield, Wm. C. (5) 1841-56; Reed, Charles D. 1884; Reed, Charles K. (2) 1917; Reed, Geneva Alice, n. d.; Reed, John R. 1887; Reed, Willoughby H. 1880; Reeder, C. Wells (10) 1911-18; Reeder, F. H. 1888; Reeder, P. W. 1883; Reese, Albert M. (9) 1901-14; Reeve, Horace D. 1894; Reeve, Lovell, 1862; Reeves, Francis B. 1896; Reeves, J. M. 1897; Reeves, Samuel, 1874; Rehn, James A. G. (2) 1917-24; Reiff, E. K. 1885; Reighard, Jacob, 1911; Reilly,

Andrew J. 1913; Reimer, Dietrich (4) 1896-97; Reimick, Wm. R. (3) 1903-11; Rein, J. J. 1877; Reinhardt, Gertrude A. 1890; Reinhardt, Johannes Theodor, 1882; Reinhart, E. L. 1889; Reinwald, C. 1884; Reinwardt, C. G. n. d.;

Reisert, Henry, 1893; Reisman, E. L. 1920; Reissner, E. (2) 1860-61; Remington, (Mrs.) Joseph P. 1911; Remington, Isaac, 1851; Remington, Joseph P. (3) 1892-1917; Renaldsen, James, 1831; Renaudet, Georges (2) 1904-05; Rendall, J. B. 1912; Renevier, E. 1884; Renfrom, W. C. 1881; Renoirte, Marices (2) 1886; Retzius, Anders Olof (3) 1847-78; Rex, Henry L. 1895; Reynolds, Edward C. 1891; Reynolds, J. V. 1832; Reynolds, John M. 1915; Reynoldt, J. N. 1837; Rhawn, William H. 1891; Rhea, M. 1839; Rhees, John J. 1879; Rhees, Wm. J. 1855; Rhoad, Edward (2) 1868-69; Rhoads, Beulah Morris (3) 1891-1917; Rhoads, Charles J. n. d.; Rhoads, J. M. 1891; Rhoads, James E. 1888; Rhoads, Samuel N. (5) 1897-1917;

Rice, J. D. 1854; Rice, John, 1861; Rice, (Mrs.) Joseph S. 1894; Rich, J. W. 1896; Rich, Wm. 1845; Richards, A. (3) 1913; Richards, B. W. 1826; Richards, Benj. W. 1893; Richardson, Charles S. 1889; Richardson, E. C. (6) 1895-1911; Richardson, Harriet (4) 1897-1904; Richardson, John, 1832; Richmond, A. B. (2) 1869; Richmond, Charles W. (3) 1905-17; Richtofen, Ferdinand Freihern von, 1877; Ridge, L. A. 1883; Ridgway, Lillian M. 1878; Ridgway, Robert (9) 1874-1911; Ridgway, Th. E. 1881; Ridings, James H. (3) 1875-1890; Ridington, John, 1918; Rigby, George H. (3) 1893-1916; Riggs, C. W. 1889; Rijgessma, H. Evan (3) 1869-70; Riley, C. V. (5) 1870-85; Riley, Charles W. (2) 1891; Rillings, J. H. 1889; Rimmer, Thomas, 1868; Ringling, Alfred (5) 1894-1918; Ringueberg, Eugene N. S. (18) 1884-89; Ripley, (Mrs.) E. L. 1868; Ripley, H. Ernestine (6) 1908-13;

Ritchie, J., Jr. 1891; Ritchie, John H. 1854; Ritschal, F. 1906; Rittenhouse, H. N. (2) 1891-95; Ritter, Henry, 1913; Riviere, E. 1873; Rizer, H. C. (10) 1896-1920; Roack, R. W. 1906; Robb, Charles, 1886; Robb, Daniel, 1892; Robb, James, 1847; Robb, Robert R. (2) 1891; Roberts, A. Yancy, 1881; Roberts, Algernon S. 1837; Roberts, Charles C. 1900; Roberts, David, 1891; Roberts, Edward, 1850; Roberts, George E. 1862; Roberts, Henrietta, n. d.; Roberts, I. Seed (2) 1894-95; Roberts, Jane E. 1918; Roberts, Kate Louise, n. d.; Roberts, Lucy B. n. d.; Roberts, S. Raymond (139) 1872-1924; Roberts, Wm. H. 1902; Robertson, T. E. 1888; Robeson, Ed. M. 1874; Robillard, V. 1871;

Robins, Julia Stockton, 1904; Robinson, A. May Whartenly, 1895; Robinson, B. L. 1923; Robinson, Coleman T. (2) 1865; Robinson, Thomas A. (2) 1893; Robinson, W. S. 1880; Robinson, William Duffield, 1918; Robinson, Wirt (2) 1918; Rodenbuk, A. J. 1888; Rodgers, S. H. 1919; Rodman, W. 1892; Roemer, F. (2) 1860; Roepper, W. Th. 1865; Roessler, A. R. (4) 1868; Rogers, Fairman A. (2) 1888-91; Rogers, Henry Raymond (7) 1877-86; Rogers, John J. (4) 1891-95; Rogers, John M. (5) 1896-1902; Rogers, Lizzie, 1893; Rogers, Thomas, 1896; Rogers, William B. (5) 1865-90; Rolleston, George, 1875; Rollo, John H. 1883; Romer, Edward, 1869; Rominger, Chs. (11) 1866-87; Rommel, George M. (5) 1913-16; Ronaldson,

Charles E. (4) 1888-1907; Rolandson, John, 1831; Ronconi, Romeo R. 1915; Ronvanes, George J. (4) 1890;

Rooger, Alex. 1898; Root, Azariah S. (4) 1895-1915; Root, Owen, 1868; Ropis, Carriman (2) 1893; Rose, R. H. 1833; Roseman, J. W. 1886; Rosen, (Mrs.) J. A. 1915; Rosenberger, Walter Lee, 1915; Rosengarten, Frank H. (3) 1888-1917; Rosengarten, George D. (2) 1917; Rosengarten, J. G. (10) 1877-1904; Ross, A. W. n. d.; Ross, Bernard R. 1862; Ross, Elwyn G. 1913; Ross, George H. 1914; Ross, J. W. (3) 1894-1907; Rossmässler, Richard, 1892; Rotch, Joseph, 1827; Roth, T. 1853; Rothermel, John (3) 1896-1917; Rothrock, Joseph T. (14) 1886-1911; Rothschild, J. (3) 1899; Roux, P. 1829; Roviroso, José N. 1889; Rowe, M. W. 1847; Rowell, Joseph C. (4) 1887-1919; Rowland, H., Jr. 1879; Rowland, Laf. 1889; Rowley, C. H. 1897;

Royer, B. Franklin (16) 1918-19; Rucco, Julius, 1846; Ruckert, H. 1889; Ruetemeyer, Ludwig, 1877; Rupp, Geo. P. 1893; Ruschenberger, C. W. (3) 1894-95; Ruschenberger, Katherine G. 1895; Ruschenberger, W. S. W. (126) 1832-94; Rush, Benjamin, 1920; Rush, James, 1854; Rush, Madison, 1891; Rush, William H. (2) 1905; Rutland, Jas. R. 1906; Rutt, Walter, (3) 1898-1916; Ruzicka, Joseph, 1913; Ryan, Thomas, 1840; Ryder, Henry B. 1897; Ryder, John A. (31) 1882-95; Ryder, M. E. 1918; Rye, E. C. 1874; Ryers, Robert W. 1894; Ryland, Kirtley, 1858;

Sachse, Julius F. 1897; Safford, J. M. 1853; Sage, Jno. H. 1892; Sager, Abraham (3) 1840-55; Sagra, Ramón de la, 1831; Sailer, Joseph, 1912; Saint Anna, Baron de, 1875; Saint John, Orestes (2) 1890; Sajous, C. E. (2) 1910-16; Sallade, F. L. 1892; Sallé, Auguste (2) 1857-88; Salmon, D. E. 1897; Saltar, J. Coleman (3) 1887; Sampson, F. A. 1884; Sampson, Henry H. (3) 1896-99; Sampson, Lilian V. (2) 1894-1902; Samson, Samuel M. 1891; Samuel, W. H. 1888; Samuels, E. 1882; Sanayfu, J. Parsons, 1918; Sanborn, Francis G. 1869; Sandberger, Guido, 1855; Sanderson, J. T. Burdon (2) 1884; Sandhaas, John, 1885; Sandijo, Uno, 1889; Sanford, C. O. 1858; Sangster, John H. 1864; Santos, America dos, 1855; Santos, Nania dos, n. d.;

Sarda, Pandit Har Bilas, 1891; Sargent, C. S. (9) 1881-1917; Sarle, Clifton J. 1906; Sartain, Emily, 1892; Satterlee, Livingston, 1865; Satterthwait, Alfred F. 1900; Saul, James, 1841; Saunders, C. F. (3) 1887-96; Saunders, Walter B. 1888; Saunders, William, 1862; Saussure, Henri de (2) 1860; Sauvalle, Francisco A. (6) 1855-60; Savage, E. V. 1918; Savage, Henry C. 1901; Savage, J. Howard, 1892; Savage, Thomas Staughton' (6) 1847-49; Savy, F. 1892; Say, Benjamin (3) 1814-33; Say, Lucy W. (2) 1881-85; Sayler, M. n. d.; Sayres, (Mrs.) Edward S. (2) 1916; Scammon, C. M. 1873; Scanlan, M. L. 1884; Scarborough, George (7) 1853-71; Scattergood, George J. 1891; Scattergood, J. Henry, 1917; Scattergood, Thomas, 1862;

Schaanning, Hedvig, 1917; Schaefer, J. F. 1916; Schaeffer, Asa A. (2) 1914-17; Schäffer, Charles (27) 1882-98; Schäffer, (Mrs.) Charles (4) 1891-96; Schapringner, A. 1882; Schauenstein, Arnold, 1907; Schaupp, F. G. (2) 1884; Schelby, Joel Y. 1847; Schell, Isabel, 1890; Schiedt, John H. 1892; Schiedt, R. C. (2) 1896-1902; Schiff, Jacob H. 1892; Schissel, George, 1891;

Soule, Charles C. (4) 1886; Soule, J. E. 1919; Souter, W. N. 1910; Southwell, T. (3) 1914; Souverbie, Saint-Martin, 1867; Sowerby, G. B. 1869; Spaeth, Reynold A. (10) 1913-14; Spaulding, M. W. 1891; Speakman, John (5) 1814-53; Spear, John C. (2) 1866-69; Spector, D. S. 1920; Spellissy, Joshia, 1892; Spence, Andrew B. 1837; Spencer, C. H. 1911; Spencer, J. W. 1918; Spiep, E. 1884; Spillman, William (4) 1858-83; Spinner, Francis E. 1880; Spitzka, Edward Anthony (5) 1910-14; Spofford, Ernest, 1920; Springer, Frank (7) 1881-1907; Springmuhl, Ferd. 1872; Squier, E. George (2) 1849-54; Squyer, Homer, 1889;

Stabile, Joseph (3) 1867-69; Stacey, L. R. 1839; Stål, Carl (2) 1877-78; Stammer, P. 1915; Stamp, H. 1916; Stanford, Edward, 1889; Stanton, Fred J. 1878; Stanton, Guy K. 1914; Starr, Edwin P. (2) 1892; Starr, Frederick (6) 1892-1903; Starr, James, 1867; Starr, Jesse W. 1876; Stauffer, D. McN. 1910; Stearns, Frederick (10) 1895-98; Stearns, Irving A. 1891; Stearns, Robert E. C. (11) 1867-92; Stearns, W. D. 1867; Steche, Prof. 1911; Stechert, Gustav E. (43) 1883-1918; Steek, Th. (3) 1898-1919; Steel, Edward F. 1883; Steel, Helen, 1914; Steele, J. Dutton, 1863; Stein, Friedrich, 1862; Steiner, Bernard C. (3) 1897; Steiner, Lewis H. (3) 1855-62; Stejneger, Leonhard (3) 1890; Stellwagen, A. E. 1920; Stellwagen, Thomas C. (5) 1890-1913;

Steloff, I. Frances (2) 1915; Stelwagon, Henry W. (2) 1884-91; Stephens, John L. 1843; Stephens, T. C. 1909; Stephenson, Franklin Bache, 1916; Stephenson, Harry, 1915; Sterki, V. (5) 1893-94; Stern, Henry, 1887; Sternberg, Charles H. (11) 1859-99; Sternberg, K. M. graf von, 1827; Stevens, Dr. 1886; Stevens, B. F. (8) 1869-99; Stevens, E. H. 1884; Stevens, Edward J. (2) 1876; Stevens, Horace J. 1910; Stevens, Neil E. 1919; Stevens, Robert J. 1876; Stevens, (Mrs.) T. S. 1919; Stevenson, John J. (8) 1874-92; Stevenson, W. C., Jr. (10) 1887-93; Stevenson, W. L. 1919; Steward, A. 1874; Steward, D. Jackson, n. d.; Stewardson, Thomas (6) 1842-89; Stewart, A. H. 1901; Stewart, Wm. M. (3) 1851-54; Stewart, Wm. S. (6) 1890-98;

Stiles, Ch. Wardell (5) 1895-1906; Stiles, George M. (4) 1890-91; Stiles, Thomas H. A. 1916; Stiles, William A. 1888; Stille, Alfred, 1866; Stille, Moreton, 1847; Stimpson, L. L. 1888; Stimpson, William (7) 1858-69; Stinson, S. S. 1892; Stockhausen, P. C. (24) 1887-1915; Stoddart, J. M. 1878; Stodder, Charles (2) 1865-67; Stoekson, Louise, 1883; Stokes, Alfred C. (5) 1884-90; Stokes, E. R. 1893; Stokes, Susan G. 1905; Stokes, Walter P. 1906; Stoll, Frank (2) 1886; Stoltz, J. F. 1914; Stone, F. D. (5) 1878-95; Stone, Witmer (12) 1890-1917; Stoppani, Antonio, 1878; Storer, D. Humphrey (3) 1839-69; Storer, F. H. 1893; Storer, H. R. (2) 1906; Storer, Malcolm, 1906; Straton, Lorenzo, 1878; Straub, T. C. S. 1895; Strayer, Edgar (4) 1891-92; Strecker, Eveline E. 1902; Strecker, Hermann (9) 1881-93; Streeter, Hannah, 1907; Streeter, Stella G. (3) 1911-16;

Streets, Thomas Hale (4) 1870-80; Streng, L. H. (4) 1854-56; Strickland, H. E. 1848; Strickland, H. W. (3) 1918-19; Strickland, William, 1828; Strittmatter, I. P. 1917; Strohm, Adam J. 1908; Stroubridge, George H. 1888;

Strouse, (Mrs.) M. B. 1915; Struckmann, C. 1880; Strunk, J. Leslie, 1912; Struthers, John (4) 1891-96; Struve, Baron de, 1828; Stuart, A. P. S. 1854; Stuart, Edwin S. 1891; Stuart, J. E. 1888; Stubbs, Charles H. (3) 1872-86; Stultz, W. H. 1870; Stunkard, H. W. 1916; Sturm, Friedrich, 1849; Sturm, Jacob, 1848; Styles, John, 1835; Suchetet, A. 1888; Suddurt, William, 1890; Sullivan, James F. (8) 1891-99; Sullivant, Wm. S. 1866; Sulzberger, Mayer, 1887; Sumichrast, Francis, 1868; Summers, Lucia, 1871; Summers, S. V. 1874;

Surface, Frank M. 1887; Surface, H. A. (2) 1907-08; Surking, J. Hugh, 1916; Sussulich, Otto L. 1890; Swain, E. 1832; Swain, J. Merton, 1911; Swain, Joseph (8) 1882-84; Swallow, G. C. (2) 1855-60; Swan, William, 1884; Swann, W. C. (2) 1859-70; Swensson, C. A. 1891; Swezey, Goodwin D. 1880; Swift, Adelaide, 1892; Swift, James K. 1834; Swinsten, John, 1874; Sykes, Z. E. R. 1906; Symmes, Americus, 1891; Szabo, Joseph (2) 1866-78;

Tadd, I. Liberty (2) 1900; Taft, May Ella, 1918; Taggart, J. H. (2) 1892-93; Taggart, William U. 1892; Tagore, R. N. 1908; Tait, Charles, 1832; Takakura, U. 1894; Takata, G. 1914; Talbot, D. H. 1884; Tallman, B. 1890; Tamnan, Fredrick, Jr. (2) 1841; Tannreuther, G. W. 1916; Tarbé, Prosper (2) 1855-57; Tare, R. S. 1893; Tasker, Stephen P. M. 1893; Tate, Ralph, 1868; Tatham, W. P. 1858; Tatnall, Edward, Jr. 1863; Tatnall, Robert R. (2) 1895; Taubenhaus, J. J. 1914; Taunhul, Charles Henry, 1891;

Taylor, Alfred B. 1891; Taylor, D. B. 1860; Taylor, Emily, 1851; Taylor, H. R. 1896; Taylor, Henry, 1886; Taylor, J. Richard, 1880; Taylor, John Madison (2) 1890; Taylor, John W. (4) 1875-92; Taylor, Julius S. (2) 1845; Taylor, Lewis H. (2) 1898; Taylor, Mary H. (2) 1896; Taylor, Richard C. (3) 1832-46; Taylor, Robert J. (6) 1890-92; Taylor, W. E. 1890; Taylor, W. Edgar, 1887; Taylor, W. H. n. d.; Taylor, William B. 1879; Taylor, William J. (2) 1914-15; Teirn, M. n. d.; Teller, Edgar E. (2) 1911; Tempere, J. 1890; Tener, John K. 1912; Tennent, D. H. (3) 1904-12; Terao, Arata, 1911; Terhune, John, 1882; Terquem, Em. 1879; Terry, R. J. 1919;

Thackara, J. M. S. 1867; Thayer, Eugene, 1898; Thayer, M. Ralph (2) 1863-92; Thayer, Russell (2) 1892-98; Thistleton-Dyer, William T. (2) 1893-1914; Thomas, A. R. (2) 1890; Thomas, B. W. (2) 1845-79; Thomas, Charles C. 1917; Thomas, Charles F. (2) 1890; Thomas, Charles Herman (3) 1872-1909; Thomas, Charles M. 1904; Thomas, Cyrus (2) 1871; Thomas, Elbert D. 1916; Thomas, Emily Hinds, n. d.; Thomas, William S. 1880; Thomig, L. H. 1880; Thompson, A. W. 1849; Thompson, Alton H. 1900; Thompson, Beeby, 1917; Thompson, Caroline B. (9) 1901; Thompson, E. O. (2) 1890-95; Thompson, Edward H. 1913; Thompson, Gadock (5) 1854-55; Thompson, H. H. 1883; Thompson, J. C. (10) 1913-16; Thompson, J. J. 1891; Thompson, J. Patton, 1888; Thompson, John, 1874; Thompson, Joseph P. (2) 1888; Thompson, Lillian Dyer, 1918; Thompson, R. W. 1878;

Thomson, Frank (2) 1887-91; Thomson, George M. (3) 1886-95; Thomson, John (10) 1898-1914; Thomson, John H. (5) 1862-81; Thomson, William (3) 1884-96; Thomton, John A. (3) 1913-17; Thorne, Mr. 1887; Thornom,

P. M. 1887; Thornton, S. C. 1884; Thory, C. H. 1914; Thurber, George (2) 1859-61; Tilghman, Benjamin Chew, Jr. 1892; Tillotson, C. R. 1917; Tkaczuk, Boris Platonowicz, 1912; Tocup, Saphus (2) 1913-14; Todd, F. C. 1915; Tolan, Ella C. 1884; Tomes, John, 1869; Tompkins, M. 1858; Torr, William S. (2) 1885-91; Torrey, John (7) 1849-72; Tottenham, I. F. S. 1877; Tower, C. (2) 1873-84; Tower, Charlemagne (8) 1908-16; Tower, Ralph W. (10) 1915-20; Townsend, Charles, 1890; Townsend, Charles H. (6) 1880-1919; Townsend, Charlotte, H. 1851; Townsend, D. W. 1881; Townsend, F. H. 1904; Townsend, John K. (2) 1834-46;

Towson, Wm. H. (2) 1851-53; Tracht, Fred H. 1910; Tracy, S. M. (3) 1886-97; Trask, H. K. 1890; Trask, John E. D. (2) 1912; Trautschold, H. 1877; Trautwine, William (4) 1895; Traylor, James G. (2) 1909-18; Trego, Charles B. (3) 1849-51; Tremper, G. (14) 1844-47; Trevasse, William (7) 1897-1911; Tricker, Frank W. 1894; Trimble, James, 1835; Tripp, George H. 1913; Troost, Gerard (2) 1821-22; Troost, Lewis, 1858; Troschel, J. H. (5) 1850-68; Trotter, Newbold H. (2) 1890; Trotter, Spencer (4) 1890-1915; Trowbridge, S. H. 1881; Trubner, Karl J. (2) 1886-95; Trudeau, C. n. d.; True, Frederick (26) 1882-1914; Trueman, William H. 1891; Truman, James, 1891; Trundell, Harry W. 1920;

Tryon, Adeline S. (3) 1889-96; Tryon, Charles Z. (8) 1910-18; Tryon, Edward K. (2) 1894-95; Tryon, George W., Jr. (9) 1867-86; Tschudi, D. J. von (3) 1844-53; Tucker, Henry (3) 1910-17; Tucker, W. R. (2) 1912; Tuckerman, F. (2) 1889; Tuckermann, Edward (5) 1848-62; Tufts, Samuel (4) 1855-65; Tuigley, W. H. 1855; Tulley, H. G. 1915; Tunis, Joseph P. (2) 1891-95; Tuomey, M. 1853; Turati, Ernest, 1854; Turbringer, Max, 1889; Turnbull, Charles T. (6) 1891-97; Turner, A. P. 1860; Turner, Daniel, 1870; Turner, Henry W. (2) 1880-81; Turner, T. H. 1868; Turnpenny, Jos. C. 1840; Tweedie, A. F. 1881; Twenhofel, W. H. 1916; Twibill, Thomas P. 1919; Twining, Alfred, 1911; Tyler, H. Blake, 1899; Tyler, Sidney F. 1893; Tyler, W. Graham, 1917; Tyndale, Hector (2) 1871; Tyson, Carroll B. 1891; Tyson, James, 1915;

Ubring, Manuel, 1894; Udden, J. A. 1916; Ude, H. n. d.; Uhler, Phillip R. (18) 1854-93; Ule, Otto, 1859; Ulrich, E. O. (3) 1882-83; Ulrich, F. W. 1894; Ulrich, George A. (2) 1882-1917; Umbarger, N. E. 1913; Underwood, Walter (2) 1881; UpDeGraff, J. J. 1858; Utey, George B. (4) 1915-17; Utey, H. M. (3) 1891; Utterback, W. I. (3) 1913-16;

Vail, Anna, 1904; Valenciennes, M. 1834; Valentine, F. C. (2) 1889; Valentine, John K. (2) 1890-91; Valier, B. 1889; Van Amringo, W. F. 1848; Van Denburgh, John, n. d.; Vanderhorst, J. N. 1868; Vander Vyver, P. F. A. 1879; Vander Wielen, Adolf B. 1911; Vandiver, John L. n. d.; Van Heusen, J. M. 1916; Van Ingen, Gilbert, 1920; Van Lennep, W. B. 1894; Van Meter, S. D. 1888; Van Name, Addison (8) 1880-95; Van Nostrand, D. (3) 1860-93; Van Rensselaer, Jer. (6) 1825-44; Van Uliet, F. C. 1891; Van Zandt, Margaret, 1897; Varrentrapp, Georg, 1886; Vasseur, A. 1887; Vaughan, John, 1839; Vaughan, T. Wayland (9) 1900-12; Vaughan, William (4) 1836-42; Vauquelin, Louis Nicholas, 1813; Vaux, George (29) 1874-1915; Vaux,

## Coll. 567 (cont.)

George, Jr. (101) 1888-1920; Vaux, J. Wahn, 1897; Vaux, Roberts, 1815; Vaux, Wm. S. (32) 1837-81;

Veatch, A. C. 1912; Vedora, G. Dalla, 1889; Verhoeff, Mattie, 1894; Verner, William (8) 1892; Verneuil, Ed. de, 1855; Verreaux, F. P. 1849; Verrill, A. E. (15) 1889-1913; Vescy, Xantus de, 1860; Vesey, Louis de, 1857; Vidal, Ella P. 1895; Viedel, F. W. 1848; Vienill, E. O. P. 1895; Viereck, Henry L. (3) 1916-17; Villa, Antonio (4) 1868-70; Vodges, Anthony W. (25) 1874-1902; von Dechen, Heinrich, 1889; Von der Straaten, Baron, 1845; von Jaeger, George, 1843 ?; von Stein, Friedrich Ritter, 1885; von Theriny, H. (2) 1890; Vossion, L. 1896; Voyle, Joseph, 1894; Vrolik, W. (3) 1853;

Wachsmuth, Charles (59) 1878-90; Wadlin, Horace G. 1910; Wadsworth, M. E. 1920; Wagner, A. 1853; Wagner, Charles M. 1893; Wagner, George, 1910; Wagner, H. n. d.; Wagner, John, 1880; Wagner, Samuel, 1886; Wahl, William H. (6) 1871-94; Wailes, B. Lile (3) 1853-54; Wakeman, W. F. 1884; Walcott, Charles D. (14) 1898-1919; Walcott, Mary Vaux, 1914; Waldeck, Johan Freidrick (2) 1834; Waldo, John, 1862; Wales, Philip S. 1891; Walk, Jas. W. 1887; Walker, Bryant (5) 1886-99; Walker, Ernest, 1892; Walker, George H. 1916; Walker, Mahlon M. (3) 1891-92; Walker, R. L. 1879; Walkins, George, 1888; Wall, Wm. Sheridan, 1848; Wallace, R. G. 1868; Wallcott, C. D. 1880; Waller, D. G. 1861; Walmsley, W. Mason, 1831; Walmsley, William H. 1886; Walter, Emma, 1899;

Wanamaker, John, 1890; Ward, Frank K. 1889; Ward, Freeman (3) 1920; Ward, Henry A. (3) 1887-92; Ward, Henry Baldwin (8) 1895-1920; Ward, Henry L. (4) 1902-16; Ward, Kate P. (2) 1887; Ward, Langdon S. 1868; Ward, Lester F. 1884; Ward, Malthus A. 1832; Ward, W. B. 1919; Warden, J. A. (2) 1842-47; Warden, John, 1835; Warder, W. S. (4) 1824-31; Ware, L. S. 1883; Ware, Nathaniel (2) 1826-30; Warne, (Mrs.) E. A. 1886; Warner, Anna L. (2) 1892-99; Warner, John (4) 1860-61; Warner, M. F. 1905; Warren, E. 1906; Warren, G. K. (4) 1857-59; Warren, George B., Jr. (2) 1853; Warren, George W. 1900; Warren, J. L. A. (2) 1871; Warren, John Collins, 1848; Warren, W. 1884; Warrington, W. 1847;

Washburn, F. L. (2) 1891; Watase, Sho. n. d.; Watson, C. A. (3) 1884-85; Watson, Christina W. 1858; Watson, J. R. 1916; Watson, Sereno, 1877; Watson, Thomas L. (2) 1905-15; Watts, Fred, 1874; Watts, Harvey M. (2) 1892; Watts, R. L. 1918; Waugaman, A. L. 1873; Waugh, A. Townsend, 1858; Waugh, Wm. F. 1891; Way, Anne M. 1891; Wayne, Henry C. 1858; Weaver, A. P. 1893; Weaver, Gerritt E. H. 1888; Weaver, J. K. 1892; Weaver, W. W. (2) 1918; Webb, DeWitt, 1894; Webb, W. E. 1870; Webber, Ray F. 1916; Webber, Samuel (2) 1852-53; Webor, John B. 1897; Webster, Clement L. 1898; Webster, H. A. 1893; Webster, H. E. 1870; Webster, J. W. 1823; Webster, Robert T. 1912;

Weed, Clarence M. (2) 1896; Weeks, F. B. (2) 1907; Weg, Max, 1913; Weidman, Fred D. 1912; Weigh, (Mrs.) E. H. 1890; Weightman, John F. 1874; Weigley, W. W. 1897; Weir, James R. (2) 1918; Weiss, Adolf (2)

1859-61; Weitenweber, Will. 1853; Wellington, H. W. 1912; Wellman, F. Creighton (2) 1908; Wells, Charles H. n. d.; Wells, G. Harlan (2) 1911; Wells, Wm. P. 1845; Welmore, Wm. A. (2) 1895; Welsh, Francis Ralston, 1919; Welsh, Irv. 1871; Weltner, W. 1910; Weltshire, Thos. 1898; Went, E. C. 1890; Wesh, A. G. 1897; West, C. S. 1869; West, G. B. n. d.; West, James, 1920; West, W. S. (4) 1871-73;

Westbrook, Richard B. (2) 1890-94; Westcott, Charles S. 1890; Westerdijk, Joha. 1911; Westervelt, A. B. (2) 1892-93; Westgate, W. W. 1887; Wethered, Edward B. (9) 1882-95; Wetherell, J. J. 1890; Wetherill, Charles M. 1860; Wetherill, Henry Emerson (4) 1899-1907; Wetherill, John P. 1835; Wetherill, Maria K. 1854; Wetherill, Samuel, 1854; Wetherill, William, 1882; Wettstein, D. R. 1924; Wetzell, H. B. 1868; Weymer, G. (2) 1884-95; Weymouth, F. W. 1909; Whartenby, A. May, 1892; Wharton, Joseph (2) 1864-96; Wheatland, Henry (6) 1845-49; Wheatland, Richard W. 1862; Wheatley, Chas. M. (5) 1856-71; Wheatten, Frances A. 1889; Wheeler, Andrew, 1853; Wheeler, C. LeR. 1885; Wheeler, G. W. 1853; Wheeler, H. E. (2) 1895; Wheeler, Wm. M. (3) 1888-1918; Whelen, Edward S. (6) 1875-92; Whelen, Mary S. (2) 1896; Whelen, Wm. N. 1914; Wherry, Edgar T. (7) 1911-20;

Whidden, Bradlee (2) 1889; Whipple, J. H. 1846 ?; Whit, J. D. 1844; Whitaker, A. E. 1908; Whitaker, William (2) 1877-79; Whitaker, William L. 1900; Whitcomb, Merrick, 1907; White, C. A. (32) 1862-89; White, C. Y. n. d.; White, E. A. 1920; White, F. Buchanan, 1877; White, Floyd H. 1892; White, Frances Emily, 1890; White, Geo. Gerry, 1874; White, I. C. 1909; White, Richard P. 1885; White, Thomas Earle, 1896; White, W. H. 1917; Whiteley, Edna E. 1919; Whitman, J. G. 1914; Whitman, M. H. 1890; Whitfield, R. P. (21) 1879-90; Whitman, Charles Otis, 1888; Whitman, L. E. 1894; Whitney, E. R. 1894; Whitney, H. M. 1867; Whitney, James S. (2) 1890-1907; Whitney, Josiah Dwight (10) 1864-85; Whittaker, Elizabeth L. 1911;

Wiechman, H. A. 1882; Wied, Neuweid, Max. Alex, Phillip, Prinz von (5) 1835-65; Wiedersheim, Robert, 1892; Wiedersheim, Theo, 1878; Wiedmann, C. 1855; Wieland, Geo. R. 1896; Wiggins, Elizabeth L. 1907; Wilcocks, Alex, 1875; Wilcomb, C. P. 1912; Wilde, Furman S. (4) 1914-18; Wilde, I. Ph. 1853; Wilder, Burt G. (3) 1874-87; Wilder, Lyman (4) 1869-70; Wildman, Elias, 1889; Wildman, William, 1890; Wiley, H. W. 1903; Wiley, W. J. 1891; Will, Ludwig, 1885; Willard, Dwight D. 1870; Willcox, Joseph (2) 1891-1910; Willcox, W. A. 1891; Williams, Albert L. 1899; Williams, Charles P. (2) 1890; Williams, D. B. 1887; Williams, Edward H. 1890; Williams, G. A. (3) 1858-89; Williams, Gardner F. 1912; Williams, Henry F. (2) 1840-42; Williams, Henry S. (11) 1881-88; Williams, L. White, 1841; Williams, Lucy Langdon, 1892; Williams, Roswell C. 1919; Williams, Samuel C. 1916; Williams, Talcott (3) 1888-92; Williams, W. H. 1891;

Williamson, I. V. 1880; Williamson, John, 1897; Williamson, M. Burton, 1879; Williamson, Passmore (3) 1890; Williamson, W. M. (2) 1871; Willis, Henry, 1862; Willis, John C. 1907; Willis, John M. 1895; Willis, John R. (2)

1867-69; Williston, S. W. (3) 1889-94; Willoughby, Hugh L. (2) 1897-1915; Willson, J. R. 1823; Willyoung, Elmer G. 1894 ?; Wilson, A. S. 1912; Wilson, Albert D. 1890; Wilson, Benjamin P. (2) 1888; Wilson, Charles F. 1885; Wilson, E. R. (2) 1887; Wilson, Edward, 1846; Wilson, Edward B. (3) 1912; Wilson, G. R. 1891; Wilson, J. C. 1915; Wilson, Jno. Harper (2) 1883; Wilson, Joseph, Jr. (3) 1868; Wilson, Joseph S. 1856; Wilson, L. L. W. (3) 1897; Wilson, Louis N. (3) 1901; Wilson, M. T. 1888; Wilson, Rathmel (3) 1866-84; Wilson, Samuel W. 1859; Wilson, Thomas (4) 1890-96; Wilson, William M. (2) 1869-75; Wilson, William P. (12) 1888-1911;

Wilt, C. Y. 1886; Winchell, Alexander, (18) 1853-89; Winchell, N. H. (6) 1868-89; Winchell, S. R. (7) 1893-95; Windle, Isaac E. 1862; Windrim, James H. (2) 1890-91; Windrim, John T. (5) 1890-1920; Windson, P. L. (3) 1909-11; Wing, S. R. 1871; Wingate, Harold (5) 1895-1904; Winlock, W. C. (6) 1893-95; Winn, Elizabeth C. (2) 1919; Winslow, C. F. 1866; Winslow, E. J. 1918; Winslow, S. N. (2) 1890; Winsor, Ellen, n. d.; Winsor, H. D. 1910; Winsor, Henry, 1916; Winsor, James D. (7) 1892-1917; Winsor, Justin, 1877; Winsor, R. 1910; Winsor, Wm. D. (2) 1908-17; Wirtner, M. 1907; Wise, John C. (2) 1913; Wisher, J. B. 1889; Wiskersham, C. P. (2) 1846;

Wistar, E. W. 1917; Wister, Annie Lee, 1885; Wistar, Isaac J. (102) 1874-97; Wister, Rodman, 1892; Wistar, Thomas, 1892; Wister, Wm. Rotch, 1883; Wister, Wm. Wynne, Jr. (3) 1892-99; Witmer, Lightner (2) 1907-16; Witter, F. M. 1879; Witthaus, (Mrs.) M. A. 1868; Witthaus, R. A. (5) 1870-91; Wittmack, L. (2) 1884-95; Wohler, Friedrich, 1882; Wolcott, Robert H. 1914; Wolf, Herman (2) 1908-11; Wolf, John (2) 1869-70; Wolfe, James J. 1915; Wolff, P. E. 1891; Wolle, Francis (4) 1884-91;

Wood, A. (2) 1868; Wood, C. L. (2) 1889; Wood, Casey A. (5) 1907-08; Wood, Edward Randolph, 1917; Wood, F. A. 1871; Wood, Frances A. 1894; Wood, G. K. 1862; Wood, George, 1896; Wood, George B. 1820; Wood, H. F. 1918; Wood, H. T. 1915; Wood, Herbert, 1891; Wood, Horatio C., Jr. (16) 1866-1917; Wood, J. Medley, 1909; Wood, Jno. B. 1892; Wood, May L. 1910; Wood, Richard D. 1853; Wood, Russ, 1895; Wood, Stuart (3) 1885-90; Wood, Thomas F. 1883; Wood, Walter (3) 1878-1917; Wood, William (8) 1853-94; Wood, William B. 1856; Wood, William E. (2) 1892; Wood, William Maxwell, 1848; Wood, William R. 1899; Woodhouse, Samuel W. (4) 1890-99; Wooding, Charles L. 1911; Woodrow, James, 1855; Woodruff, Clinton Rogers, 1899; Woods, Albert F. (2) 1902; Woods, Charles D. 1906; Woods, (Mrs.) James (3) 1909; Woods, William W. 1855; Woodside, Charles L. (2) 1887;

Woodward, Anthony (2) 1894-1901; Woodward, Arthur Smith (2) 1891-95; Woodward, B. B. (6) 1903-06; Woodward, Geo. M. (4) 1892-1906; Woodward, H. T. 1870; Woodward, Henry, 1868; Woodward, J. J. 1866; Woodward, R. S. (2) 1910-13; Woodworth, John M. 1861; Woodworthy, W. McM. 1899; Woolman, A. J. 1891; Woolman, Anna, n. d.; Woolman, Lewis (7) 1889-91; Wooster, C. T. 1869; Worcester, J. E. 1826; Word, S. W. 1878; Workman, H. Wier, 1870; Wormley, Theo, Belle, 1892; Worsaae, T. T. A. 1885; Worth, James, 1823; Worth, S. G. 1884; Worthan, Thomas A. 1878; Worthern, A. H. (2) 1879-85; Worthington, E. B. 1867; Worthington, Wilmer, 1836; Wortman,

Jacob L. (5) 1882-1901; Wren, Christopher (2) 1919;

Wright, A. K. 1834; Wright, Albert A. 1892; Wright, Albert H. 1915; Wright, Berlin H. (9) 1882-88; Wright, David Henry, 1916; Wright, G. Frederick (6) 1892-93; Wright, Harrison (2) 1884; Wright, James A. (3) 1864-86; Wright, Ramsey, 1890; Wright, Samuel, 1891; Wright, Samuel Hart (12) 1882-88; Wright, Sydney L. (3) 1892; Wright, W. E. C. 1889; Wright, W. W. 1859; Wurtz, Charles, Stewart, 1892; Wyer, Malcolm G. (3) 1911-14; Wyhe, J. W. v. (3) 1911-12; Wyman, J. (4) 1855-69; Wynne, James, 1861; Wythes, J. H. 1854;

Xantus, John (2) 1883; Yandell, L. P. (2) 1848-54; Yarnall, Benj. H. 1815; Yarrell, Wm. (2) 1832-37; Yarrow, H. C. (4) 1877-78; Yatsu, N. 1914; Yeager, Geo. V. 1847; Yeakel, Dan'l (5) 1890-92; Yeatman, James E. 1857; Yerkes, Chas. T. 1892; Yoke, Wm. W. (3) 1874; Yorgy, Harry B. (2) 1888; Yorke, L. E. 1871; Youmans, E. L. 1885; Youmans, W. J. 1894; Young, C. A. (2) 1864; Young, Floyd S. 1914; Young, H. C. 1887; Young, L. W. 1882; Young, R. T. 1908; Youngken, Heber W. 1915;

Zabriskie, J. L. (3) 1888-1901; Zantzinger, Lillie (2) 1907; Zantzinger, William S. (2) 1842-56; Zarenba, Charles William (4) 1867-92; Zeckwer, Richard (3) 1888-89; Zeitler, Edward, 1882; Zell, Hannah Ann, 1909; Zeller, Max, 1891; Ziegler, Daniel (3) 1845; Zimmer, George Frederick, 1916; Zimmerman, Walter, 1889; Zittel, Karl A. (6) 1875-96; Zoe, Herbert, 1909; Zoll, O. R. 1908; Zollickoffer, Wm. 1838; Zuill, W. L. 1892.

DAY, RICHARD HOPPER, 1847-1924. Day Memorial Medal Award, 1960.  
Papers, 1960. 22 items.

Margaret Day Dilks (Mrs. John Hyland), Academy trustee, announced in 1960 that she was establishing a Memorial Medal Award in honor of her grandfather, Richard Hopper Day, a life member of the Academy. The medal was for "outstanding exploration and discovery in natural sciences."

The 1st award, April 26, 1960 was presented to the team of four men who organized and made the dive in Jacques Picard's bathyscaphe "Trieste" to the deepest spot in the ocean's floor known to man, Marianas Trench, southwest of Guam.

The collection consists of typescript publicity releases by the U. S. Navy and by the Academy. There are also photographs of the medal and medalists, with biographies attached to photos; and invitations to the Academy presentation, plus extracts from an illustrated article in *Life*, February 15, 1960.

Deposited by Academy's Public Relations Department.

Coll. 568

WILLCOX, JOSEPH, 1829-1918. Papers, 1882-1918. 35 items.

An amateur naturalist of Philadelphia, Willcox became a member of the Academy in 1867 and was later appointed curator of the Lea Collection of Shells. He was a member of the Board of Trustees of the Wagner Free Institute of Science, and Chairman of its Museum Committee for years.

This collection contains 33 letters signed by Willcox, many of them discussing the Academy, the Wagner Institute and natural history; a letterpress memorial card and a bound volume of plant impressions. The volume has 41 plates of unnamed plants, the impressions made directly from dried specimens. The latter were laid on freshly smoked paper and then transferred to clean sheets, the impressions being made under pressure.

Gift of the author, 1903.

Coll. 569

DELAWARE VALLEY ORNITHOLOGICAL CLUB. Scrapbook, 1890-99. 1 item.

This scrapbook consists of a variety of material pertaining to the early days of the society. Lists of species observed at various nearby areas, minutes of the meetings, lists of the officers, news clippings, photographs and snapshots of birds and of members, announcements of meetings and programs, various additions to the Club's constitution, circulars which were sent to members, an abstract of the Proceedings from 1890-91 and various letters and original illustrations. Included as of special importance is biographical material about William E. Hughes, the ornithologist of the Peary Greenland Expedition; a photograph of Hughes with news clipping and reference to published accounts of the trip. Another special feature is a history of the founding of the organization by W. L. Baily, and a later history of the activities written by Witmer Stone.

This scrapbook was left with the papers of the Club in the Department of Ornithology at the Academy and later deposited in the library by R. M. de Schauensee, Curator of Birds.

Coll. 570

WILLIAMSON, ISAIAH V. fl. 1857-1880. Funds, 1875-92. 38 items.

Elected a member of the Academy in 1857, Williamson made two donations to the Academy which were set up as special funds. The first was unrestricted, but the second was intended to benefit the library. The "I. V. Williamson Library Fund," was established in 1875 and gave the interest on \$25,000 to be expended for the purchase of books and to help pay the librarian's salary. It is still active and supplies a partial income for library accessions. The contents of this collection are a letter signed E. J. Nolan, 1877 accompanying a book of permanent records of the acquisitions made on the I. V. Williamson Fund from December, 1875 to December, 1878 and accounts and receipts of charges against the Williamson Library Fund, 1888-92.

Archived from the attic, 1960.

Coll. 571

DENYS de MONTFORT, PIERRE, 1768-1820. List, 1802? 1 item.

List of the 50 plates included in his Histoire naturelle . . . des mollusques . . . Paris, 1802, inserted at end of v. 4. 12 p., presumed to be in the hand of the author. The volume was once owned by Ch. Theo. Menke, as signed on the flyleaf, but this index is not in his writing.

Gift of Geo. W. Tryon, to the Conchological section of the Academy and later incorporated in the Academy's library. Coll. 572

ANSP. PHYSICS AND CHEMISTRY SECTION. Papers, 1877. 2 items.

A petition signed by eleven members of the Academy was presented, requesting permission to set up a physics and chemistry section. This request was granted by the Council, Feb. 13, 1877. One meeting was held on March 2nd and a memo sent to the Academy signed by H. C. Lewis as temporary recorder, announcing the second Thursday for monthly meetings. There is no evidence that any other meeting was held, nor that the group was formally organized.

Archived.

Coll. 573

Signers of documents, all dated 1877:

Chapman, H. C.; Dougherty, Wm. H.; Frazer, Persifor, Jr.; Humphrey, U. C.; Kenderdine, R. S.; Knautho, C. V.; Koenig, Geo. A.; Leidy, Joseph; Lewis, H. C.; Platt, W. G.; Ruschenberger, W. S. W.; Wilcocks, Alex.

ANSP. PERSONNEL. Papers, 1892-1959. 26 items.

Correspondence on personnel problems, bills for artists' services, receipts, memos, list of salaries, etc.

Archived.

Coll. 574

ANSP. AGREEMENTS. Documents and papers pertaining to legal matters, 1815-75. 7 items.

This collection contains leases, contracts and disclaimers. They are concerned with building operations.

Assembled from various archival nooks in the Academy in 1960.

Signers:

Coll. 575

Barnes, John, 1815; Biddle, Owen, 1875; Braden, Oliver, 1875; Bridges, Robert (3) 1846-53; Doyle, J. B. 1875; Edwards, George W. 1852; Gilliams, J. 1815; Morton, S. G. (2) 1846; Parker, C. F. 1875; Pearsall, Robt. (2) 1846; Richardson, Caleb, 1815; Shinn, John, Jr. 1815; Smedley, Nathan (3) 1846-53; Tryon, Geo. W., Jr. (2) 1875; Vaux, Wm. S. (3) 1846-53; Wilson, T. B. (2) 1846-53.

MEEHAN, THOMAS, 1826-1901. Botanical Section plans, 1876. 1 item.

After being appointed Vice-director of the section, a long letter dated July 1, 1876 was prepared by Meehan and directed to John Redfield, the Conservator, with recommendations for the Section's administration. A signed note by John Redfield at the end gives his agreement and comments. Filed with Coll. 82.

Gift of the Academy's Botanical Section.

Coll. 576

ANSP. INSURANCE POLICIES. Papers, 1842-1927. 7 items.

Papers, including four insurance policies on Academy-owned buildings, and on library books (1842-1890); correspondence.

Archived.

Coll. 577

ANSP. LIBRARY. Reports of librarians, 1824-68, 1952-58. 39 items.

In the infancy of the Academy, curators appointed a member to act as unpaid librarian who had very little authority to make plans and policies. In general the library was administered thru the members as a whole. A list of the various librarians with their tenure of office is included with the list of officers of the Academy prepared by Maurice E. Phillips. Soon after Edward J. Nolan became librarian in 1863, the position of librarian was established and he was included with other officers of the Academy. Later Nolan was recording secretary, librarian and editor and for years was the only salaried staff member of the Academy.

Archived.

Coll. 578

Signers:

Bridges, Robert (5) 1837-39; Carson, J. 1836; Conrad, S. W. 1828; Elwyn, Alfred Langden (6) 1840-44; Leidy, Jos. 1846; Nolan, E. J. 1868; Peirce, Jacob (5) 1822-25; Phillips, Venia T. (6) 1952-57; Pickering, Charles (2) 1832-33; Sergeant, J. D. (3) 1863-67; Zantzinger, Wm. S. (8) 1847-55.

ANSP. RECORDING SECRETARY. Papers, 1824-1930. 39 items.

The documents included here were usually transcribed into the minutes after they were accepted by the members, altho not always fully recorded. Reports are as follows: 1824 (Keating); 1829 (Morton); 1836 (Carson); 1938 (Stewardson); 1840-41 (Chaloner); 1842-44 (Zantzinger); 1846-47 (Lambert); 1848-49 (Leidy); 1850 (Powel); 1851-55, 1864 (Rand); 1866 (Wood); 1923-30 (Rehn). The rough minutes of the secretary are scattered entries from 1850-70, written by Powel, Rand, Moss and Howell.

Archived.

Coll. 579

Signers:

Carson, Joseph, 1836; Chaloner, A. D. (2) 1840-41; Howell, Sam. B. 1870; Keating, Wm. H. 1824; Lambert, John, 1847; Leidy, J. 1849; Morton,

S. G. 1829; Moss, Theodore F. 1850; Powel, Samuel (9) 1850-51; Rand, B. Howard (8) 1851-64; Rehn, J. A. G. (8) 1923-30; Stewardson, Thomas, Jr. 1839; Wood, H. C. 1867; Zantzinger, Wm. S. (3) 1842-44.

DOLLEY, CHARLES SUMNER, 1856-1948. Biography of Joseph Leidy, 1935.  
1 item.

This Leidy biography, consisted chiefly of the reminiscences of young Dolley in his relationships to the Leidy family. The account of the family life of Joseph Leidy given herein pertains almost entirely to the period around 1873. Title-page: "Copy of manuscript sent by Dr. Charles S. Dolley from Tokyo, Japan on August 14, 1935, addressed to Dr. M. J. Greenman." Accompanying letter is attached. In Coll. 16.

Gift of Philip L. Leidy, 1944.

Coll. 580

COTTER, JOHN LAMBERT, Clovis, New Mexico, Field Trip, 1937. 2 items.

Several expeditions were sent to the gravel pit between Portales and Clovis, New Mexico, the 1937 one being sponsored jointly by the Academy of Natural Sciences and the University Museum of the University of Pennsylvania. The personnel under the supervision of Edgar B. Howard, Curator of Geology and Paleontology at the Academy consisted of the following: William T. Clarke, Jr.; Malcolm Bull, West Texas Teachers College; Alexander B. Brock, Williams College; George Murnane, Harvard University; George Cheston, Harvard University; Ambrose C. Cramer, III, Yale; and Robert R. Solenberger, University of Pennsylvania. The aims of the field trip were archaeological, paleontological and geological, the reports being published in the Proceedings of the Academy after the expedition ended. Other persons included in the expedition, were: R. M. Burnett, Leonard Eady, J. S. Pearce and Ray V. Davis. The documents concerned with this expedition consist of a cash book with daily entries of expenses and a portfolio of receipted bills, some 400.

Archived from the Geology department. The signers of receipts have not been indexed.

Coll. 581

LEIDY MEMORIAL FUND. Papers, 1923-42. 81 items.

The deed of gift made by Joseph Leidy, II in 1923 to the Academy states that the fund was to be known as, "The Joseph Leidy Memorial Fund". A bronze medal and an honorarium, not to exceed \$100 was to be awarded every third year. Conferred "As a Reward for the Best Publication, Exploration, Discovery or Research in the Natural Sciences in such particular branches thereof as may be designated . . .". Later, an additional sum was supplied by members of the Leidy family, especially by Philip Ludlow Leidy. The papers include documents and general information, for each of the 1st, 2nd, 3rd and 4th awards which give the reports of the committee, the name of the recipient, with bio-bibliography attached, and letters. The recipients in order

of the awards were: Herbert Spencer Jennings, 1925; Henry A. Pilsbry, 1928; William Morton Wheeler, 1931; Gerrit Smith Miller, Jr. 1934. Also a few miscellaneous papers are included.

Archived.

\*Coll. 582

Signers:

Barbour, Thomas (2) 1931; Cadwalader, C. M. B. 1942; Conklin, E. G. (5) 1927-34; Fowler, H. W. 1925; Frick, Childs, 1931; Grinell, J. 1934; Harper, R. A. 1934; Jennings, H. S. (6) 1925-31; Leidy, Joseph II, 1923; Leidy, Philip L. 1934; Miller, Gerrit S. (4) 1934; Moore, J. P. (4) 1925-34; Penrose, R. A. F., Jr. 1925; Pilsbry, H. A. (4) 1925-42; Rehn, J. A. G. (20) 1924-34; Scott, W. B. (2) 1927-28; Stone, Witmer (4) 1925-34; Wheeler, Wm. M. (2) 1931; Zirnkilton, Franz, 1934.

ANSP. INVESTMENTS AND LOANS. Papers, 1826-1930. 13 items.

The miscellanea here assembled is a scattered sampling of investment documents. A record of a loan to the Academy, 1826 by five of its members; treasurer's investment report for 1853; records of interest due for 1887 and 1890; bid price of securities, 1930; and information about the G. W. Carpenter estate holdings, 1891 and the Breece Mining Co., 1902 are all included.

Archived from various sources in 1960.

Coll. 583

Signers:

Breece Mining Co. (4) 1902; Hembel, Wm. Jr. 1826; Henszey, Wm. C. 1853; Ord, G. 1826; Pennock, Caspar W. 1826; Rogers, Thos. 1826; Wetherill, John P. 1826; Wright, Sydney L. (2) 1891.

ANSP. RECEPTION COMMITTEES. Papers, 1854-1901. 110 items.

Collection of material containing records of various reception committees, especially those dealing with a founder's day anniversary dinner in 1854, and the reception and dinner for the Peary Exploring Party in 1892. There are lists of subscribers, bills, receipts, letters and miscellaneous data.

Signers of letters, all dated 1854:

\*Coll. 585

Bancker, C. N.; Beck, T. Romeyne; Betton, Thos. F.; Biddle, J. B.; Bridges, Robert; Browne, P. A.; Buckley, Edw. S.; Carpenter, Geo. W.; Carson, Joseph; Cassin, John; Collins, Percival; Cooke, John; Cope, C.; Corse, James M.;

DaCosta, T.; Dock, Geo.; Draper, Edmund; Durand, E.; Elwyn, A. L.; Emory, Moses H.; Fisher, James C.; Foulke, Wm. P.; Fox, Charles; Geddings, E.; Goddard, Kingston; Graff, Fred; Grigg, John; Haines, John; Hanson, Hugh C.; Hare, Robert; Hazard, Samuel; Heilprin, Angelo; Henderson, A. A.; Hiester, John; Hopkinson, Jos.; Jessup, Augustus E.; Jordan, John, Jr.; Kirtland, Jared P.;

## Coll. 585 (cont.)

Lambert, John; Lang, Edmund; Lawrence, Geo. N.; Lea, Isaac; Lea, Joseph; Lea, Thos. T.; LeConte, John L.; Lejee, W. R.; Lewis, A. J.; Lewis, E. J.; Lewis, Francis; Logan, J. Dickinson; McClellon, J. H. B.; Markland, I. H.; Meigs, Chas. D.; Meigs, I. Forsyth; Nolan, Edw. J. (2); Norman, R. W.; Ord, George; Pearsall, Robt.; Porter, Thos. C.; Powel, Samuel; Ruschenberger, W. S. W.; Schoolcraft, Henry R.; Sharp, Benjamin (2); Sharples, C. W.; Silliman, B., Jr.; Smith, Aubrey H.; Smith, Charles; Tuckerman, Edw.; Vaux, Wm. S.; Watson, Gavin; Wetherill, Chas. M.; Wood, Geo. B.; Wood, Wm. Maxwell.

ANSP. COLLECTIONS - VERTEBRATES. Papers, 1830-1941. 109 items.

These contain general information about the collections of mammals, birds, amphibia and reptiles, the fish being treated in a separate collection. Much of the information about birds is also discussed elsewhere. Special collections are listed, described or acknowledged in correspondence.

Archived, with Witmer Stone's papers.

\*Coll. 587

Signers:

Collins, Alfred M. (6) 1912; Henry, Joseph (8) 1862-68; Huber, Wharton, n. d.; McEuen, T. 1830 ?; Morton, S. G. 1830 ?; Natterer, Joseph, n. d.; Stone, Witmer, n. d.

EHRET, GEORGE DIONYSIUS, 1708-1770. Watercolors of insects, n. d.  
2 items.

Gardener, collector, botanist and artist, Ehret was more generally known for his collaboration with Linnaeus in preparing the Hortus Cliffortianus than for any other one accomplishment. He traveled Europe, visiting gardens and often supervising them, thus becoming known to many in high places whose patronage he enjoyed throughout his life. Referred to as a great botanical draughtsman, he also taught botany and botanical drawing to the "highest nobility" of England. After publishing a good deal in botanical journals, and illustrating Brown's Natural History of Jamaica, he was elected a fellow of the Royal Society in 1757. The two watercolors in our collection show great imagination in combining the insects with decorative handling of the plants involved. [In Petiver's Illustrations of insects, Coll. 941, pl. 54, 55.]

Gift of Roswell Williams, 1930 ?

Coll. 589

LUDWICK INSTITUTE. Papers, 1927-38. 21 items.

Christopher Ludwick (1720-1801) was a German-born baker, with his place of business near the waterfront in colonial Philadelphia, who during the Revolution became the Director of Baking in Washington's army. After the war, being an able business man, he accumulated a considerable fortune. His public-spirited liberality was responsible for the establishment of the "Ludwick Institute," formerly the Philadelphia Society for the Establishment

and Support of Charity Schools, founded in 1799. His will bequeathed \$13,000 to establish educational facilities for poor boys and girls. When, a century later, public education made this no longer necessary, the Institute's officers made the income of the legacy available to finance free lectures at this Academy. Since 1895, they have continued.

This collection contains letters, memoranda and accounts. In the Academy's scrapbooks are many examples of reports, programs and documents. See file for Coll. 417. Coll. 593

FLINT, JAMES MILTON, 1838-1919. Letter, 1900. 1 item.

A letter to Lewis Woolman, Washington, D. C., Feb. 5, 1900, recording the gift of his "Recent Foraminifera, 1899" to Mr. Woolman. The presentation is pasted in front of the volume mentioned.

Gift of Woolman. Coll. 594

CRAGG, DAVID W. Thesis, 1936. 1 item.

This is a 26-page compilation of some of the methods for preparing osseous skeletons, written while a student at Villanova University. Coll. 595

HALL, EUGENE RAYMOND, 1902- Revised classification of Long-tailed Weasels, n. d. Typescript. 1 item.

Hall published many papers on mammals, mostly through the University of California Press. This monograph gives synonyms, type localities and range of 43 species. Coll. 596

GRAY, PRENTISS NATHANIEL, 1884- Speech (Bison), 1934. 1 item.

Sportsman, naturalist, big game hunter and author, Mr. Gray gave the address about the American Buffalo, or Bison, at the formal opening of that habitat group at the Academy in 1934. Our copy is typed, bearing a manuscript note by Effingham B. Morris, dated November 23, 1934. 7 p. In Coll. 365. Coll. 599

GULICK, ADDISON, 1882- Letters, 1928-32. 2 items.

Son of John Thomas Gulick, the missionary and evolutionist. Two letters, one to accompany rare papers of John T. Gulick which were sent to H. A. Pilsbry, the second presenting a copy of the biography of his father to the library of the Academy.

Gift of the author. \*Coll. 600

TROTTER, SPENCER, 1860-1931. Letters, 1890-1931. 72 items.

Biologist, geologist, geographer and ornithologist. Active at Swarthmore College, Wagner Free Institute and Librarian of the Academy of Natural Sciences. The letters, all addressed to Witmer Stone concern birds, and some business of the three organizations mentioned above, and of the Delaware Valley Ornithological Club. A series were penned while travelling in Europe and refer to ornithologists and museums of that area. A smaller group were written from Nova Scotia and are full of observations of its wildlife.

Gift of C. M. B. Cadwalader, 1939.

Coll. 601

ANSP. PETITIONS AND RESOLUTIONS. Papers, 1826-95. 99 items.

These petitions and resolutions are close pieces, possibly written by the person proposing the action, as a note for the secretary when copying his minutes. Most of them are transcribed into the Minutes of the Academy but oftentimes changed in wording or intent. The petitions number only four and were made mostly to the legislature of Pennsylvania, or to some branch of the Federal Government, their inclusive dates being 1837-1876. The resolutions have been arranged in two groups, first those which are clearly of subject interest, with no person's name attached to identify them. The second group is arranged by the authors or persons about whom the resolution is made.

Archived.

\*Coll. 602

Signers:

Allen, Dr. 1881; Arnoult, Eugene, n. d.; Audubon, J. J. 1851; Bridges, Robt. 1851; Carson, Joseph, 1877; Cassin, John, 1869; Coates, B. 1851; Duponceau, P. S. 1833; Fisher, C. F. (2) 1852-53; Ford, H. A. 1852; Frazer, P. 1876; Gambel, Wm. 1850; Griffith, R. E. 1850; Haldemann, S. S. (4) 1842; Hamilton, G. 1851; Harrison, Joseph, Jr. n. d.; Hawkins, Mr. (2) n. d.; Heilprin, A. 1881; Kane, E. K. (4) 1855; Kenderdine, R. N. (2) n. d.;

Lea, T. G. 1870; LeConte, J. L. (4) 1875-80; Leidy, Joseph (7) 1852-74; Maclure, Alex. 1850; Mitchill, J. E. (2) 1851; Morong, Thomas, 1880; Morton, S. G. (9) 1857; Negus, James E. 1854; Nicholson, Chas. 1846; Nuttall, T. S. n. d.; Ord, George, 1851; Parker, C. F. 1883; Phillips, J. S. 1857; Porter, T. C. 1869; Roberts, 1875; Ruschenberger, W. S. W. (2) 1885; Ryder, J. A. 1880; Say, Thomas; Schweinitz, D. L. von 1834; Stott, Mrs. 1850; Swift, Robert, n. d.; Taylor, R. C. 1857; Townsend, J. K. (3) 1838-50; Tryon, G. W. Jr. (2) 1870-76; Vaux, W. S. (3) 1875-82; Warren, B. N. 1895; Westerman, Bernard (2) 1868; Wetherill, J. P. n. d.; Williamson, I. V. n. d.; Zantzinger, W. S. (2) 1851.

ANSP. BOARD OF TRUSTEES. Minutes of the meetings and other documents, 1925-1938. 23 items.

The bylaws adopted in 1924, which were implemented the following year, placed the administration under a Board of Trustees. The two volumes of

minutes since then are in the hands of the secretary of the Board and housed in the vault in the administrative office. The personnel of the Board, with portraits, short biographies and terms of office since 1955 is outlined in a special publication. Informational documents, letters, etc. are assembled in this collection. Coll. 603

Signers of documents:

Bowers, John E. (3) 1932; Cadwalader, Charles Meigs Biddle (2) 1929-32; Rehn, James Abram Garfield (17) 1922-38.

HARRIS, THADEUS WILLIAM, 1795-1856. Letters, 1849-54. 18 items.

Physician, librarian, economic entomologist and teacher, Harris spent much of his time in Cambridge and the nearby area studying and observing in the field. He is reported as being the first or perhaps the second entomologist to deal with economics. These letters were all written to John L. LeConte and deal entirely with the collection and identification of Coleoptera.

These came to the Academy as part of the LeConte family collection identified under Coll. 28. Coll. 604

ANSP. TREASURER. Reports, 1815-1925. 77 items.

The reports consist of several related items such as recommendations, standing of various funds and investments. Always in the early years a statement of the account between the treasurer and the Academy was included. The treasurer seemed to have many duties not ordinarily given to a treasurer, but since the number of officers was limited, apparently odd jobs would be turned over to him for a report. The actual years covered by the reports are 1815, 1824-25, 1832-62, 1864-70, 1873-74, 1878-79, 1882-83, 1885-96, 1901-10, 1912-16, 1921, 1924-25.

This material was archived from the library holdings or from the storage room in the attic in 1960. Coll. 605

MEGERLE von MÜHLFELD, JOHANN KARL, 1765-1832. Testaceorum secundum systema dui . . . ordinatorum catalogus. 1 item.

Custodian of the Natural History Cabinet in Vienna. Handwritten catalog of mollusks, of which the 989 specimens are numbered in red ink by another hand.

Autographed gift of Isaac Lea. Coll. 606

HESSELIUS, ANDREAS, 1677-1733. Correspondence about his Journal, 1937-47. 19 items.

The original of this Journal, written in Swedish, has apparently been long since lost. However, it was copied in 1751 and a heading supplied. As translated it reads: The Remarks of Andreas Hesselius, Provost in Gagnef, About Some Strange Occurrences Which He Encountered During His Journey to America, During His Sojourn Out There and During His Homeward

Journey to Sweden, From the Year 1711 to 1724 inclusive. An English translation, prepared in 1888 in manuscript form is on file in the Historical Society of Pennsylvania, a photostat of which is in the possession of a Wilmington, Del. Library. Correspondence about a better translation by Amandus Johnson and its publication, 1937, is preserved here. In Coll. 562.  
Signers: Coll. 607

Amandus Johnson (7) 1937; Rambo, Ormond, 1937; Reese, Charles L. 1947; Jones, Frank Morton (7) 1937.

WARNER, BENJAMIN, fl. 1814-1820. Resolution, 1820. 1 item.

A Philadelphia physician, elected a member of the Academy in February, 1814. This resolution of appreciation concerning the Academy's loss in the departure of Correa da Serra for South America was submitted at the meeting of the Academy September 26, 1820 and written into the minutes of that date and there assigned to Warner. After the document was prepared and signed, Warner was asked to convey it to the Abbé. It was published in the transactions of the American Philosophical Society, 1955, n. s., v. 45 p. 179.

This unsigned manuscript was laid in the Academy's minute book under the date of September 26, 1820 but was removed and placed in this collection on October 9, 1960. Coll. 608

PILSBRY, HENRY AUGUSTUS, 1862-1957. Drawings for Belgian Congo Shells 1919-27. 88 items.

There are two series of drawings, handsome black and whites as well as colored plates which are assigned to Helen Winchester as artist. The outline drawings were made by Pilsbry himself. The collection illustrated two articles published in the Bulletin of the American Museum of Natural History. The first series belongs to the paper entitled, The Aquatic Mollusks of the Belgian Congo by H. A. Pilsbry and J. Bequaert, issued in 1927. The second series illustrates, The Land Mollusks of the Belgian Congo collected by The American Museum in that area in 1909-1915, v. 40, 1919.

These drawings were stored by the American Museum of Natural History until 1960, when through the courtesy of W. K. Emerson they were returned to the Academy. R. T. Abbott culled the drawings and retained only the important ones which were archived Nov. 1, 1960. Coll. 609

STEARNS. FREDERICK, 1831-1907. Annotated list of mollusks, 1891-93. 1 item.

An amateur shell collector from Detroit, Mich., visited Japan in the season of 1889-90 and again in 1892, prepared a list of his findings, sending certain specimens to H. A. Pilsbry of the Academy for determination. Under Pilsbry's supervision and editorship the List of Mollusca and other forms of Marine Life collected in the Years 1889-1890, in Japan was published in 1891. Many additions and corrections were entered by Stearns, as noted in a memorandum at head of title on cover: "Corrected to Dec. 1893, for Dr. Pilsbry, showing also number of specimens obtained in addition at 2d trip,

1892." His penciled notation at left of the name indicates the number of specimens of each species taken. R. Tucker Abbott says that these bulk specimens were sent to the Grand Rapids Museum, but from there went to the Museum of Comparative Zoology in 1937.

Gift of the author, who also sent copies of his catalogue to the Academy to sell on a commission basis.

This annotated catalog came to Pilsbry in 1894?, then was preserved in the library's "Conchological Tracts" until 1960 when the volumes were broken up and this item archived in October of that year. Coll. 610

HARVEY, WILLIAM HENRY, 1811-1866. His List of Australian Algae, 1863?. 1 item.

This Irish botanist and physician visited Australia in 1853-6, and there collected and prepared over 20,000 specimens of Algae, publishing a list of the species under 600 specific names. After his main collections were placed in two institutions in Great Britain, the residue was sold to help defray the expenses of the journey. The checks on our copy refer to specimens from Harvey's collection which are now in the Academy's herbarium with Harvey's labels and numbers clearly indicated. The note at the end of the list, we assume to be in Harvey's hand, "249 species represented herewith," and the list to have accompanied a package of the specimens so marked. As to the provenance of the present "List" and of the manner in which the specimens came to us, we know nothing. An obscure pencil label on the folder merely states, "From Short's Duplicates" but it seems doubtful if the folder is truly the original in which the list was received by the Academy. Our known history of the C. W. Short herbarium seems to indicate that the Harvey Algae did not come from Short.

Information about distribution of specimens published in his Phycologia australica, 1858-63, v. 1, p. v. Coll. 612

PHILADELPHIA. FREEDOM WEEK COMMITTEE. Tribute, 1960. 1 item.

A citation honoring the Academy of Natural Sciences, a "Philadelphia First". Signed by R. Dilworth, Mayor; F. R. Mann, City Representative; F. Golden, Chairman, Freedom Week. Seal of the city in the lower left corner. Tributes paid to Philadelphians, and to the Philadelphia institutions as the first of their kind.

Gift of the City.

Coll. 613

ANSP. COLLECTIONS—MAMMALS. Papers pertaining to type specimens of whales, 1891-1960. 42 items.

On October 1, 1891, a rorqual whale was cast up on the beach at Ocean City, New Jersey, was photographed by Joseph P. Remington and later described by E. D. Cope. This skeleton, along with other type specimens of whales occupied a great deal of space in the Academy and in 1951 it was planned to transfer them to some other museum in the United States. The present documents consist of 5 photographs and 37 letters. The latter con-

stitute the correspondence carried on by the director H. Radclyffe Roberts about the transfer which was finally consummated in 1960. \*Coll. 614

Signers of letters and documents:

Enders, Robert K. 1951; Johnson, David H. (2) 1955; Kellogg, Remington (7) 1951-60; Lawrence, Barbara (4) 1959; Remington, Joseph P. 1891; Roberts, H. Radclyffe (19) 1951-59; Schmidt, Karl P. 1957.

VANATTA, EDWARD GUIREY, 1862-1939. List of Bermuda shells, 1910. Transcript, 1 item.

A conchologist, who for nearly 40 years was on the staff of the Dept. of Mollusks of the Academy, Vanatta prepared this copy for use in the Department, in 1910. The original, List of Shells and Corals, collected in Bermuda by Temple Prime of New York, 1852 was published in The Bermuda Pocket Almanack for the Year 1853, p. 55.

Gift to the Academy April 25, 1910, preserved in the Library's Conchological Tracts until 1960 when it was archived November 4, 1960. Coll. 615

HILDRETH, SAMUEL PRESCOTT, 1783-1863. Catalogs of shells, 1850? 2 items.

Conchologist of Marietta, Ohio, who had lists of shells printed for distribution to exchangers. The first has manuscript title: "Shells found near Marietta, in the Ohio and Muskegon Rivers," the second with letterpress title: Catalogue of Fresh Water Shells, found near Marietta, Ohio. On verso in Hildreth's hand: "From S. P. Hildreth, of Marietta, Ohio - to the Academy of Natural History - Dr. Motron, President. No. 9 - Muskingum (!) Shells."

Gift of the author.

Coll. 616

BOYER, CHARLES SUMNER, 1856-1928. Scrapbook, 1916-28. 106 items.

Philadelphia diatomist, elected to the Academy of Natural Sciences, February, 1892, and active in the Leidy Microscopical Society. Scrapbook contains orders and letters pertaining to his book: The Diatomaceae of Philadelphia and vicinity, as well as letters of condolence addressed to Mrs. Boyer. Many items (47) were laid in and are filed separately.

Gift of Mrs. Boyer in 1928, preserved by the Leidy Microscopical Society, later stored in the Limnology Department and archived in November, 1960.

Signers:

Coll. 617

Adams, Frederick, 1928; Andrews, Clement W. 1916; Arnold, Wm. T. 1923; Austin, Helen M. n. d.; Bains, William M. 1916; Bilgram, Hugo, n. d.; Booth, M. A. 1916; Boyer, Charles Sumner, 1924; Britton, N. L. (3) 1916; Brown, Amos P. (3) 1916; Carlton, Paul (2) 1928?; Cheever, C. A. 1924; Clark, J. A. 1916; Crosby, W. O. (2) n. d.; Cunningham, A. D. 1916; Derby, George (2) 1928; Diago, Joaquin, 1921; Dillon, John Irving, 1928; Douglas, Alfred, 1917; Eichelberger, Arthur, 1921; Elmore, C. J. (2) n. d.; Elrod,

## Coll. 617 (cont.)

Morton J. 1916; Evans, Alexander W. 1916; Fiss, George W. n. d.; Fletcher, Robert S. n. d.; Frye, T. C. 1919;

Galloway, T. W. n. d.; Gee, N. Gist, 1919; Gerhard, William J. 1916; Graham, C. W. 1916; Gravelle, Philip O. 1918; Hamm, Daniel W. 1918; Hanna, G. D. (2) 1926-28; Harshberger, John W. n. d.; Herzburg, W. F. 1916; Huntsmann, A. G. 1916; Husted, Fr. 1922; Karus, Carl E. 1921; Keeley, Frank J. 1928; Kendall, Oliver, Jr. (2) n. d.; Kincaid, Trevor, 1919; Kirtly, E. H. 1928; Knapp, Hermann, 1916; Latham, V. A. (2) 1916-25; McEwen, A. 1916; MacKay, A. H. (2) 1916-28; Moore, Alfred, n. d.; Munro, Hugh F. (2) 1916-28; Munro, Walter Lea, 1928; Myers, Frank J. 1917; Nickles, Lillian, 1916;

Palmer, T. Chalkley (3) 1916; Palmer, C. Mervin, 1927; Patrick, Frank, 1916; Pease, F. N. (2) 1916; Pennock, Edward (2) 1917; Pennypacker, James L. (3) 1916; Pool, Raymond, 1916; Pyser, W. A. (2) 1920; Raney, M. Llewellyn, 1916; Roberts, Jane E. 1916; Scott, Mary E. 1916; Seed, James H. (2) 1921; Spurge, John, 1919; Staker, Charles J. (2) 1918; Stanton, Edwin M. 1926; Stephany, Carl O. n. d.; Stevenson, Wm. C., Jr. (2) 1918; Stewart, Thomas S. (2) 1916; Taubenhaus, Jacob Joseph (2) 1920; Tiffany, L. H. 1928; Tillinghast, Frank N. 1928; Truitt, R. V. 1922; Turney, Clarence, 1928; Voorhees, Oscar M. 1928; Waldo, Fullerton L. 1916 ?; Wolfe, James J. 1916.

PILSBRY, HENRY AUGUSTUS, 1862-1957. Congratulatory letters on his 80th birthday, 1942. 134 items.

Engrossed title-page of the bound volume reads: "Letters to Dr. Henry A. Pilsbry on the occasion of his 80th birthday, December 8, 1942. Birthday Committee - Charles M. B. Cadwalader, Anne Harbison, Jeanne Schwengel, Ruth Patrick, H. Burrington Baker, Richard McLean, Marion Castor and Helen Winchester."

Donated, with Pilsbry's papers to the Dept. of Malacology and archived in 1960. Coll. 618

List of signers:

Adams, Charles C.; Aguayo, C. G.; Allee, W. C.; Andrews, E. A.; Avinoff, A.; Baily, Joshua; Berry, Edward W.; Baker, H. Burrington; Bales, B. R.; Bartsch, Paul; Beal, James Hartley; Benner, Walter M.; Bequaert, Joseph; Birge, E. A.; Bond, James; Bourgeois, Marie E.; Bowers, John E.; Bradley, J. Chester; Brooks, Stanley Truman; Cadwalader, C. M. B.; Calvert, P. P.; Castor, Marion M.; Cattell, J. McKeen; Chace, E. P.; Clapp, George H.; Clench, William J.; Cockerell, T. D. A.; Cockerell, Lillias F.; Colton, Harold S.; Conant, Roger; Conklin, Edwin Grant; Cooke, C. Montague, Jr.; Cornwall, I. E.; Coventry, G. Ayres; Crampton, Henry E.; Cresson, Ezra T., Jr.; Cushman, Joseph A.; Dahlgren, Ulric; Darlington, Emlen P.; Davis, Edward N.; Diller, Irene Corey; Eyerdam, Walter J.;

Fluck, William Henry; Fowler, Henry W.; Fox, William J.; Fritz, Robert H.; Gardner, Julia; Goodrich, Calvin; Gordon, Edna G.; Grant, U. S.; Gregg, Wendell O.; Haas, Fritz; Hanna, G. D.; Harbison, Anne; Harbison, Helen D.; Harris, Gilbert D.; Harvey, Cyril; Hay, George Douglas; Heaton, S. W.; Hebard, Morgan; Hertleise, L. G.; Hodge, Charles, 4th; Hoffman, Agnes Anne; Howell, B. F.; Humes, Ralph; Jackson, Ralph W.; Jaume, Miguel L.; Jenkins, Floyd A.; Juday, Chauncey; Keeley, Frank J.; Koto, A. S.; LaRocque, Aurele; Lermond, Norman Wallace; Livingston, C. Carey; Long, Bayard; McClung, C. E.; McGinty, Thomas L.; McLean, Richard A.; McLeon, Northland Lucille; MacMillan, Gordon K.; Matzke, Howard A.; Melville, Chester W.; Merrill, E. D.; Metz, C. W.; Mohr, Charles E.; Moore, J. Percy; Morrison, J. P. E.; Myers, Frank J.; Myers, (Mrs.) Frank J.;

Needham, James G.; Noble, Olive; Nylander, Olof Olsson; O'Maloney, James; Oughton, John; Palmer, Katherine V. W.; Parnell, Jerome P.; Patrick, Ruth; Pearse, A. S.; Pennell, Francis Whittier; Perry, Louise M.; Peterson, C. Bernard; Pinchot, Gifford; Pratt, Henry S.; Ramsden, Charles T.; Rathbun, Mary J.; Reed, M. Dorothy; Rehder, Harald A.; Rehn, J. A. G.; Richards, Horace G.; Robertson, Imogene C.; Robertson, Harold R.; Ruthven, Alexander S.; Schafer, Ann; Schenck, Hubert G.; Schmid, Fred; Schmidt, Waldo S.; Schwengel, Frank R.; Schwengel, Jeanne S.; Scott, W. B.; Shelford, V. E.; Shoemaker, Clarence R.; Shoemaker, Helen; Smith, Allyn G.; Smith, Burnett; Smith, Maxwell; Spalding, Irwin; Stenzel, H. B.; Stephenson, L. W.; Stewart, Thomas P.; Strong, A. M.; Van Cleave, Harley J.; Van Hyning, T.; Waterman, George A.; Webber, Frederick S.; Welch, d'Alte; Wenrich, D. H.; Wheeler, Harry E.; Willett, George; Williams, Roswell C.; Winchester, Helen D.; Yen, Teng-Chin; Zetek, James.

DILLWYN, LEWIS WESTON, 1778-1855. Autograph, 1829? 1 item.

English conchologist, botanist and entomologist, elected as a correspondent of the Academy in 1815. Signed presentation copy of *J. G. Jeffreys', A synopsis of the Testaceous Pneumonobranchous Mollusca of Great Britain.*

Preserved as a second copy and archived from the Department of Mollusks, on November 8, 1960.

Coll. 619

FERRISS, JAMES H. Papers, 1907-25. 88 items.

Amateur conchologist and editor, collected in the Southwest and Mexico between 1909 and 1922, with other amateurs or scientists. H. A. Pilsbry, Mr. Hand, L. E. Daniels and James M. Hinckley accompanied him on various expeditions and eventually his shells became a part of the Academy's holdings. The itineraries, descriptions of stations and maps of the area, form a valuable assemblage of geographical and ecological background data for the species concerned.

Given to Pilsbry, entered in his library and so marked with his personal library stamp; donated to the Dept. of Mollusks; then archived by R. Tucker

Abbott, November 11, 1960.

Coll. 620

Signers:

Blumer, J. C. 1912; Camp, R. D. 1924; Daniels, L. E. (4) 1912-16;  
 Ferriss, James H. (36) 1907-25; Hand, Mr. 1921-22; Hinckley, James M.  
 (4) 1919-21.

PARKER, GEORGE HOWARD, 1864- Catalogue of Local Lepidoptera, 1881.  
 1 item.

As a young man, this native Philadelphian was associated from 1870 to 1882 with the Academy of Natural Sciences. Later he studied at Harvard and was appointed professor, holding that position from 1888-1935. His interest in biology varied from time to time and certainly no great stress was laid upon the study of insects in later years. The Catalogue of Local Lepidoptera in the Museum of the Academy of Natural Sciences of Philadelphia, 1881, is further labeled: Vol. I, Diurnals (Cases 1-7 incl.) and consists of 5 leaves.

Archived from the Department of Insects, where it had been hidden among the papers of the American Entomological Society, until 1960. Coll. 621

HORNIUS, CASPAR. Note, 1629. 1 item.

A presentation note addressed to Cristophor Andrea Grigelio a Brand, signed "Auctor" and dated Sept. 18, 1629. Written in German script on the flylead of his book, "Elephas, dasist . . ." Coll. 622

HUNT, J. GIBBONS, Letter, 1881. 1 item.

Letter to Henry C. Chapman, May 25, 1881, signed "J. G. H." This constitutes a one-page report on the placenta of the elephant.  
 Gift of the author, 1881. Coll. 623

CHINESE FISH IN ORIGINAL WATERCOLORS, 1794 ?. 12 items.

This is a collection of numbered watercolors of fresh-water Chinese fishes, the plates bound together in a large cover, 46 cm. tall. They have no names, descriptions, artist's signatures, nor dates. One plate bears the water mark "1794 - J. Whatman." They were listed in the 1837 printed catalog as being in the library on that date and as presented by J. P. Wetherill, though in the front of the volume is pasted William Maclure's presentation bookplate. Henry Fowler says they are good illustrations in the style of those used in Sir John Richardson's ichthyological reports of voyages on the Erebus and Terror, Sulphur, etc. Fowler has roughly identified the plates by number as follows: Carp, Goby, Carp, Loach, Mullet, Clarias, (catfish), Guitar fish, Carp, Chinese Sturgeon, Hairtail, Pempheris(?) and Channa.

Coll. 624

HORSFIELD, THOMAS, 1873-1859. Inked impressions of Javanese plants, 1802-18. 759 items.

A native of Bethlehem, Pennsylvania, Horsfield served as surgeon on a sailing vessel to Java in 1799. Later was appointed as surgeon in the Dutch Colonial Army, and then spent 18 years in Java where he made important pioneer studies of the flora, fauna, and geology. During part of his stay he was in the service of the East India Company. Transferred to England in 1818 where he became keeper of the Museum of the East India Company which position he held until his death. He was appointed correspondent or fellow by many scientific organizations, including the Academy of Natural Sciences, where he was listed from 1826 on.

The collection of inked impressions is bound in a volume of 759 pages, most of the species being allotted two leaves. His list shows 368 species prepared for this volume. The impressions are definitely made from dried specimens and appear very similar to those made by Willcox which were described as having been done with smoked papers under pressure. This series of Horsfield's is un-like that of Willcox. The impressions must not have been made under such great pressure since the markings of the stems are not sunken into the paper as they are in the other collection. The volume contains a notebook of 12 pages.

Purchased by the Academy's Library, the date not known.

Coll. 625

SERIZIAT, CHARLES VICTOR EMILE, 1835- Letter, 1867. 1 item.

Physician to the military school at Strasbourg and entomologist by avocation, Seriziat worked out and offered to Academy members the results of his experiments in transferring the scales from wings of Lepidoptera to paper in such a way as to have an actual replica of the insect for illustrative purposes rather than having a picture engraved. This was done in 1867, thirty years before Sherman S. Denton prepared and published his book using the same principle to portray his Lepidoptera. The letter has samples of the replicas of four insects on little squares of paper pasted on the second leaf.

Gift of the author, 1867.

This illustrated letter was found among the manuscript papers in the Academy's letter file.

Coll. 627

SCHAUENSEE, RODOLPHE MEYER de, 1901- Papers, 1932-33. 2 items.

During his Third Expedition, this time to Siam and north, de Schauensee, primarily an ornithologist, collected fishes for the Academy as a special favor to H. W. Fowler. A fieldbook record of the list, with dates and localities was kept, with 4237 specimens noted. A rough pencil map of the localities involved was included at the back of the book and a short letter written to Fowler was pasted in the front. Fowler says these fish never reached Philadelphia. "The stevedores in New York Harbor drank the alcohol and dumped the specimens overboard." De Schauensee again collected fishes on his next trip to Siam, in 1936, to replace the lost specimens. Some few notes are in an unidentified hand, a few others made by Fowler.

Fowler had kept the notebook in his department and in 1960 archived it.

Gift.

Coll. 628

PAILLOUX, CLAUDE ALEXANDRE, 1801- Recherches sur les cinq principales especes de productions epidermoides. 1825. 1 item.

Professor of anatomy at the Hospital St. Louis of Paris. This paper was signed, "Alexandre Pailloux, le 30 mai, 1825," but apparently is unpublished. Provenance unknown before its discovery among the Academy's Anatomy and Physiology tracts, in 1961. 17 p., VIII plates (part col.). Coll. 629

BLAINVILLE, HENRI MARIE DUCROTAY de, 1777-1850. Plan de ma dissertation [on respiration], 1808?. 1 item.

A French zoologist, particularly noted for his studies on conchology, both recent and fossil, Blainville was actively engaged in research until his death in 1850. This outline of his dissertation is written, in part, as marginal notations and additions to his published work: Propositions. Extraits d'un Essai sur la Respiration, and in part, written on a special sheet of paper tipped above the title on p. 5. While these notes are not signed, the heading leads one to assign them to Blainville. Also compared to the signed letter of Blainville in the library of the American Philosophical Society, dated 1827, it seems fairly certain to be his. Another example of his handwriting appears on his Memoire sur les Belemites . . . 1827, which is inscribed to M. de Roissy, but in this case is much freer and of a larger size, but the characteristic letters seem to match.

Found in one of the bound copies of the Academy's collection of Anatomy and Physiology Tracts, in 1961. When it came to the Academy has not been established. Coll. 630

BLANCHARD, WILLIAM. Drawings of vertebrates, 1856? 46 items.

These drawings of skulls and their special parts were found with the Academy's archives. Only the first sketch bears Blanchard's name, but the 46 were together in a parcel, and all are of the same type of work. One drawing is prepared on paper watermarked "Whatman, 1856." Coll. 631

HARVEY, EDMUND NEWTON, 1887-1959. Letters, 1918-59. 17 items.

Zoologist, physiologist, biochemist and student of animal luminescence, these letters were written about insects, particularly those which give off light, and mostly written to F. A. McDermott. Two from a relative of Harvey's, Ulric Dahlgren, treat of the same subject. Two others deal with the author's evaluation of the Academy's library.

Donated to the Academy in part, by F. A. McDermott in 1960. Coll. 632

CALVERT, PHILIP POWELL, 1871-1961. Costa Rican trip, 1909-10. 43 items.

The Calverts, Philip and Amelia, spent more than a year in this country studying natural history. The itinerary and field notes were preserved in 10

small notebooks, photographs were taken (31 included here) and a diary written, the latter occupying 2 volumes. From this material, their book was later published, Mrs. Calvert's manuscript volumes on the plants encountered, and many scientific articles dealing with the insects of Costa Rica were issued by Calvert. The photographs were included in the published book.

Bequeathed by Calvert, 1961.

Coll. 633

CALVERT, PHILIP POWELL, 1871-1961. Papers, 1885-1956. 811 items.

These papers refer to professional matters, in large part, although a few personal and biographical items are included. Texts of articles, both published and unpublished, drawings, charts, bibliographies, mailing lists, collecting data, and records pertaining to the location of Odonata in outside collections in the world are all to be found included in this lot.

Assembled by Calvert and retained in his home office until his death, when they were bequeathed to the Academy.

\*Coll. 634

Signers:

Bowers, John E. 1952; Cowley, John (9) 1922-56; Garman, Philip (5) 1926; Gloyd, Leonora (10) n. d.; Hagen, H. A. (3) 1858-61; Hoag, M. E. (2) 1903; Jacoby, Myron, 1952; Lincoln, Elsie A. (2) 1938; Linton, Morris Albert (2) 1952; Moore, J. Percy, 1952; Roberts, H. R. 1952; Savin, Margaret, n. d.; Shelanski, Herman A. (3) 1941.

CALVERT, PHILIP POWELL, 1871-1961. Seasonal Distribution of Organic Life in the Tropics. (A bibliography, 1895-1958) ca. 7,000 cards.

While a few of the entries date back to 1895, it appears that this bibliography was begun in earnest at the time of the Calverts' trip to Costa Rica, 1909-10 and continued through his life. The projected paper on this subject was never published and remains the one big project left unfinished by this scientist. Three divisions were arranged (1) by author (2) uncoded and (3) classified. A great deal of his general correspondence is concerned with this study, including outlines and suggestions from many of his colleagues.

Offered to the Academy Library Committee and accepted on January 8, 1959, but kept by Calvert during his life, coming to the manuscript division after his death. Interested correspondents were notified that the bibliography would be preserved at the Academy of Natural Sciences by Calvert. Coll. 635

FOOTE, ALBERT E. 1846-1895. Papers, 1881-97. 101 items.

Educated as a physician, this mineralogist, naturalist and entrepreneur exhibited his large collection of minerals at the Centennial Exposition at Philadelphia and received a special award. Because his personal cabinet was so extensive, he was unable to show all of it and rented a building nearby to house the remainder. Visitors asked for permission to buy or exchange minerals with him and soon he was handling a flourishing business. He remained in Philadelphia, and from then managed an outstanding business in minerals and other natural history objects, his only real competition being

from the Ward's Natural History Co. of Rochester. He collected most of the specimens himself and traveled extensively to procure new items. For advertising purposes, he published the Naturalists' Leisure Hour and Monthly Bulletin. This journal presented some general reading matter for the naturalist, but the greater part of the paper was given over to listing his minerals, books of natural history, and specimens in all fields of natural science. The 99 letters signed by A. E. Foote, or for his company, deal mostly with the business of obtaining and selling second hand books and specimens, although strictly Academy business was sometimes included. Elected a member in 1876, he remained active until his death.

Transferred from the secretary's file in 1961.

Coll. 636

AARON, EUGENE MURRAY, 1852-1940. Papers, 1882-1901. 23 items,

A local entomologist, Aaron wrote up a Record of captures, "pin-numbers" and field notes of his collection, 1882-89, covering the nearby New Jersey and Philadelphia locale. Isaac C. Martindale obtained specimens from Aaron, borrowed the "Record" and made the present transcript for his own use. Aaron was an early editor of Entomological News and much of the included correspondence pertains to matters of editorial interest. In later life this Aaron changed his name to the hyphenated form Murray-Aaron.

Archived from the American Entomological Society files, 1960.

Signers:

Coll. 637

Aaron, Eugene M. (13) 1884-1901; Collins, John, 1890; Akhurst, John, 1890; Cresson, E. T., Sr. (5) 1890; Horn, George H. (2) 1890; Martindale, Isaac C. n. d.

HUZARD, JEAN BAPTISTE, 1755-1838. "De la Bibliotheque de J. B. Huzard," 1812? 1 item.

Member of the Institut de France and of the Academie des sciences, de Paris, Huzard, the elder, was the best known animal husbandryman and veterinarian of his times. Although not a prolific writer, his library must have been extensive, since he wrote all the articles on domestic animals and veterinary medicine in the Nouveau Dictionnaire d'Histoire Naturelle, Paris, 1803-4 and its revision in 1816-19. The Academy's copy of Temminck's work on pigeons, was various introductory pages in the hand of Huzard, a title-page, "De la Bibliotheque de J. B. Huzard" with a notation at top of the next page: "Notes Bibliographiques sur l'exemplaire de l'Histoire naturelle des Pigeons, que j'ai dans ma Bibliotheque" (3 leaves) and following the printed half-title are 3 pages entitled "Extrait" giving information about the first two volumes of the work. Thus the date of the ms. notes can be placed after 1811, the date of publication of the 2d volume and before 1834 when the 3d volume was issued.

The original work was a donation in 1847 by T. B. Wilson, the elaborate binding indicating that it was bound in France before it came into Wilson's possession.

Coll. 638

JOHNSON, THEODORE. Drawings, 1906 ? 84 items.

Original watercolor drawings, for a volume on, "Shells of Mollusks Systematically Arranged," 1906, and another on insects, "The Caterpillars of familiar Butterflies and Moths, or British Butterflies, Hawkmoths & Bombyces," n.p., 1906. They consist of illustrations with letterpress descriptions. The volumes were apparently made up by Johnson and not technically printed, as indicated by his statement: "I simply mention it [a slight error in numbering the pages] especially as the time involved in the production of this work is too great for me to undertake another copy. T.J." in his shell book. Note pasted in front.

The two volumes were purchased in 1917.

Coll. 639

KENNARD, ALFRED SANTER, 1870-1948. Letters, 1940-43. 4 items.

Written at Beckenham, Kent to H. A. Pilsbry or H. B. Baker. Author discusses the establishment of the dates of publication of Ferussac's Histoire Naturelle . . . des Mollusques . . . and other scientific matters. Mentions the wartime difficulties in Britain, etc.

The letter to Pilsbry, 1943, is tipped in the Supplementary volume of the above, which has been prepared as an explanation of plates, from the British Museum's copy. The three letters, 1940, addressed to H. B. Baker are copied from Baker's personal correspondence file. Received Jan. 5, 1961.

Coll. 641

KERN, EDWARD M. 1823-1863. Paintings, 1849. 11 items.

Artist on several expeditions to the West. Associated with his brother, Richard H. Kern on the James H. Simpson expedition to the Navajo country in 1849 (See Coll. 146). Made these drawings in the Richard H. Kern portfolio. Simpson's Journal states: "Richard furnished with few exceptions, all sketches of scenery, etc. and Edward the topography and map work". Edward Kern was a member of the Academy and deposited many valuable specimens, collected on the various expeditions of exploration under the command of Colonel Fremont.

Gift of Francis J. Duffy.

Coll. 642

KIRA, TETUAKI. Catalogue of the Recent Marine Shells of Japan, 1945.  
1 item.

The text is in the Japanese language, with Latin names and a translated title in English. Consists of some 425 pages, with a map, all written in manuscript but reproduced by stylography. This was a gift of Alvin R. Cahn, April 11, 1957, through the Conchology Department.

Coll. 643

KURODA, TOKUBEI. Mollusca of Kii (Wakayama prefecture) Japan, 1948.  
1 item.

An unpublished typewritten manuscript dated 1948 and consisting of some 220 pages with maps.

Gift of Alvin R. Cahn, April 11, 1957 through the Conchology Department.  
The volume has been retained in the book collection. Coll. 644

KURODA, TOKUBEI. The Marine Mollusca of Japan, 1947. 1 item.

This is an unpublished typewritten manuscript of two volumes, the first devoted to bivalves, the second to Gastropoda. The volumes are of approximately 300 pages each.

Gift of Alvin R. Cahn, April 11, 1957 through the Conchology Department.  
This volume has been retained in the book collection. Coll. 645

OLDYS, HENRY, 1859-1925. Papers, 1908-24. 29 items.

Born in Washington, D. C., he held various positions in U. S. Government Service from 1877-99, when he became attached to the Biological Survey. By 1910 he was listed as an ornithologist of the U. S. Dept. of Agriculture, where he remained until 1924 when he apparently retired, moved to Petersburg, N. Y. and devoted his time to the lecture platform, his talks dealing mostly with ornithological subjects.

As early as 1903 he showed his interest in the subject by a paper on Audubon Societies in Relation to the Farmer, following this later by publications about the protection of birds, their game laws, and the introduction of foreign species for naturalization.

From 1912 to 1917 was a paid lecturer for the Pennsylvania Audubon Society, sometimes giving a whole series of educational talks, sometimes single lectures to large audiences. Was instrumental in increasing the membership and collecting dues and donations from many sources. As late as 1924 his interest was still alive, since he wanted to revive the Pennsylvania Audubon Society "from its moribund condition" by offering his time at an annual salary, but the offer was not accepted. In Coll. 398.

Archived, in part, with the Witmer Stone papers. Coll. 646

ORD, GEORGE, 1781-1866. Annotation. 1 piece, on W. P. C. Barton's letter to A. F. Michaux.

Companion, patron and literary executor of Alexander Wilson. He was accorded nearly all the high offices of trust within the Academy of Natural Sciences and the American Philosophical Society, 1815-1858; of the Academy he was president, vice-president and curator.

The annotation is on an inside page of Barton's letter in Coll. 126.

Coll. 647

PLACE, WILLIAM, Jr. Papers, 1929-56. 31 items.

Correspondence with Frank Morton Jones, regarding the identifications of Lepidoptera from Martha's Vineyard. Most of the letters are carbon type-scripts or ribbon copies, only a few are of a holograph character. Of the 31 pieces, 14 letters are signed by Place, while 10 are from Jones. Seven news clippings about Place complete the file. Included are two lists of Lepidoptera, "Recorded by Wm. Place but not listed from Martha's Vineyard . . ." and "Copy of the card-index to the collection of Mr. William Place". In Coll. 562.

Gift of F. M. Jones.

Coll. 648

RAU, EUGENE ABRAHAM, 1848-1932. Floral Diary, 1865-76. 1 item.

A notebook, entitled "Floral Diary" but containing the actual records of "Dates of finding of some of the more important plants . . . Eugene A. Rau" occupying pages 80-88. Included are the geographical locations of plants and the names of companion collectors. In Coll. 67. Coll. 649

RAU, SIMON. Papers, 1837-40. 4 items.

Simon Rau, the father of Eugene A. was also an interested botanical collector. We find inserted in the Floral Diary of Eugene A. Rau, between pages 79 and 80 a list of plants collected by Simon Rau in 1837, 68 in number; another for 1838 with 203 entries, also in the same hand is a date 1840, Jan. 2 with the title "Plants Received from Mr. W." 1 page only. The fourth item is a short statement of the flowering time from 5:00 to 11 A. M., this is entitled "Linnaeus's Dial of Flora".

These entries are all to be found in Coll. 67.

Coll. 650

REMINGTON, JOSEPH P. Photographs of whale, 1891. 4 items.

Four photographs of rorqual whale (*Balaenoptera musculus*) cast on Ocean City beach, N. J. after a storm and heavy easterly winds. They are dated October 1 and portray the animal mentioned in Coll. 614. Coll. 651

ROBINS, THOMAS, 1750- Original watercolor of Caterpillars, n. d. 1 item.

An English artist, perhaps best known for his illustrations of W. Sole's *Menthae Britannicae*, published in Bath, 1798. Fourteen of the plates to that volume were signed by T. Robins. The type of work done for the English mint book is quite different from the one original we have of his caterpillars, ours giving the impression of having been done by a young amateur, whereas the others are of fine workmanship. In Petiver's book, p. 56. Coll. 941.

Coll. 652

ROBINSON, WIRT. Letters, 1908. 2 items.

A staff member of the Department of Chemistry, Minerology and Geology of the U. S. Military Academy who donated a notebook of observations on insects to the Academy of Natural Sciences. This notebook was prepared by his father's boyhood friend Herman Strecker. Wirt Robinson's two letters accompanying this notebook include many biographical facts about his father, W. Russell Robinson and about Herman Strecker. In Coll. 210. Coll. 653

ROEMER, FERDINAND, 1818-1891. Letters, 1849-53. 2 items.

Addressed to John H. Redfield, May 2, 1853 referring to the exchange of shells and books, with details of shipment. Written at Bonne, Germany, but in English. Also an inscription pasted on the front cover, in German, sending greetings, dated at "Bonne am Rhein, 10, Oct., 1849." Both in his, Texas, mit desonderer rucksicht auf deutsche auswanderung, Bonne, 1849.

Gift of author.

Coll. 654

RUSCHENBERGER, WILLIAM SAMUEL WAITHMAN, 1807-1895. Biographical Notice of Augustus Edward Jessup, 1860? 1 item.

This biographical sketch is not known to have been published. It is accompanied by the resolutions adopted by the Academy on Jan. 3, 1860, regarding Jessup's death. The latter were in the 1860 volume of the Proceedings, p. 1.

Coll. 655

SAUNDERS, JOHN. Papers, 1883. 2 items.

Manuscript transcript of A. H. Haworth's Lepidoptera Britannica v. 3, 1803, pages 377-512. Attached letter addressed to C. H. Fernald, April 10, 1883, mentions the transcript as though Prof. Fernald had contracted with this man, attached to the staff of the British Museum, to do the copying.

The volume has a bookplate of H. T. Fernald, and presumably was purchased by the American Entomological Society, on Nov. 7, 1929, the date of its acquisition.

Coll. 656

SCHWEINITZ, LEWIS DAVID von, 1780-1834. Annotations, n. d. 1 item.

A volume, once belonging to Schweinitz, later in the library of E. A. Rau, and donated to the Academy of Natural Sciences in 1932, has been heavily annotated in ink, as shown on the autographed title-page. This same calligraphy appears scattered through v. 1 of Barton, W. P. C., Compendium Florae Philadelphicae . . . 1818.

A second type of handwriting appears in the same volume, showing corrections and additions. This is possibly done by E. A. Rau, although it does not exactly correspond to other samples of Rau's penmanship. In Coll. 137.

Coll. 657

ALLEN, JOEL ASAPH, 1838-1921. Letters, 1877-1919. 287 items.

Ornithologist, mammalogist and explorer, Allen's letters primarily pertain to vertebrate zoology. His position as president of the American Ornithologists' Union required correspondence with other officers, including the editor of The Auk. The bulk of the letters were addressed to Witmer Stone and concern the Code of Nomenclature and other business of the Union. Gift of C. M. B. Cadwalader, 1939. Coll. 658

TERZI, A. J. ENGEL. Illustrations, 1923. 2 items.

Original pen and ink sketches of various species of Andrena made in 1923 for H. L. Viereck's projected monograph on the genus. Letters in Coll. 59 refer to this transaction. The plates are to be found in Coll. 952. Coll. 660

TURNBULL, WILLIAM PATTERSON, 1830-1871. Letter, 1868. 1 item.

A Scotsman member of the Academy from 1857 and a member of the Committee on Ornithology for many years. He purchased Alexander Wilson's effects during that time and accumulated a fine collection of birds, while writing his book The Birds of East Pennsylvania and New Jersey. These specimens were later given to the Academy by E. D. Cope who procured them from Bernard Hoopes. The short undated note is addressed to B. A. Hoopes, Committee of Ornithology, and accompanied his small unillustrated edition of the above mentioned text, 1869, in which it is inserted. The volume is inscribed to the Academy by the author and dated, Christmas 1868.

Gift of the author.

Coll. 661

VIERECK, HENRY LORENZ, 1881-1931. Diary of a Field Trip to Texas and New Mexico, 1902. 1 item.

Under the auspices of the Academy of Natural Sciences the author, accompanied by James A. G. Rhen traveled through Texas and New Mexico April 3rd to July 2nd of 1902. The diary is devoted primarily to insect collecting but contains some general notes on other animals and on the flora of the area. Much personal information is included about the trip. Local history notes are scattered throughout. Two special small sections at the end deal with the Alamo Canyon and Alamagordo.

This diary with Viereck's papers, Coll. 534.

Coll. 662

WILSON, THOMAS BELLERBY, 1807-1865. Annotation. 1 item.

A list of species appearing on the 28 plates in J. E. Holbrook's Ichthyology of South Carolina, 1860, in the hand of T. B. Wilson, follows p. 205. The book was donated to the library by Wilson. Coll. 663

WILSON, THOMAS BELLERBY, 1807-1865. Catalog of his beetle collection.  
1 item.

Penciled underscorings and check marks on the printed Catalogus Coleopterorum Europae by H. Schaum, Berlin, 1859, indicate the holdings of Wilson. One note in his hand, p. 45 is additional evidence that the records refer to the Wilson Collection. The printed volume had been preserved in T. B. Wilson's apartment of his brother Rathmel's home in Newark, Delaware; also the binding is similar to that found on many of the Wilson volumes which were donated to the American Entomological Society for its library. Although given to the Society it was later deposited in perpetuity at the Academy of Natural Sciences.

Gift of the Wilson heirs, Mrs. William Alrich Price and Mrs. Alfred L. Mathias, Oct. 1, 1955. Coll. 664

WITHOOS, P. Insect watercolor drawings, n. d. 3 items.

English artist, not otherwise identified. An Alida Withoos, plant illustrator, flourished from 1660-1715 and may be the same. The "P" of the present signature, might possibly be read as an "AL," abbreviation for Alida. Two of the signed watercolors are on vellum and the quality of the others suggests that all those on vellum possibly are by P. Withoos. Vellum watercolors are on pl. 31, 49, & 53, making a total of eight figures. In Petiver's Illustrations of insects, Coll. 491. Coll. 665

WOOD, WILLIAM, 1774-1859. Revisionary notes, 1830? 4 items.

Gustav Brander's Fossilia Hantoniensia of 43 pages and 9 plates was published in 1766, and reprinted by W. Wood in 1829. The revisionary notes, in part, and the figures in the present collection have been assigned to Wood through the implication in an annotation on one of the manuscript plates: "This scrap represents some of our shells for an additional page for Brander. The one marked \* would have gone to Sowerby had he not figured it [in] his last number." In the same hand on the half title-page appears "Sold by Lowndes 2.2.0 Dr. Cooke's copy with his ms. additions".

The 11-page list of figures and some other notes, ending with, "in 1818 I saw a copy of Brander's Hampshire Fossils sold at King's auction room for 2-4-0. The original price was eight or six shillings" may have been prepared by the former owner, Dr. Cooke. Another memorandum on the back endpaper states, "Rajah Tarangini, H. of Cashmir, Pala? 1835."

Deposited by T. B. Wilson, 1847 and donated to the Academy at his death in 1865. Coll. 666

ZIMMERMANN, CHARLES CHRISTOPHE ANDREW, 1800-1867. Letter, 1834. 1 item.

The author made a trip from Philadelphia to Georgetown, S. C. between December 30, 1833 and February 17, 1834. Zimmermann's biographer, H. A. Hagen states: "He made the trip, according to the custom of German

students, on foot, a knapsack on his shoulders and a few dollars in his pocket. This journey of 713 miles, in the midst of severe winter, and attended with much hardship. . . . was made in 50 days, with \$27.00 in cash, six dollars credit, three maps, one book and a pocket-knife." A journal account of this expedition including a description of a visit to E. F. Melsheimer at Hanover, Pa. was sent to Hermann Burmeister, February 18, 1834. A genealogy of Melsheimer and an abbreviated itinerary is contained. The trip took the scientist through Downingtown(!), Coatesville, Columbia, York, Hanover, Pa., Emmitsville, Md., Baltimore, Bladenburg, Washington, Alexandria, Occaquan, Richmond in Virginia and over the Roanoke River to Warrenton, N. C., Raleigh, thence to Marion Court House, S. C. and Georgetown. In Coll. 915. Coll. 667

CORREA da SERRA, JOSÉ FRANCISCO, 1750-1823. Report on botanical lectures, 1814. 1 item.

This priest ambassador of Portugal to the U. S. was a resident member of the Academy, having been elected in February, 1814, and took an active part in its botanical interests throughout his sojourn here. This report of the Academy's Committee on Botanical Lectures for the Ladies of Philadelphia is signed jointly with Reuben Haines. The document gives formal thanks to John Barnes and Dr. Waterhouse for conducting the lectures.

It is pasted in the minutebook of the Academy for April 19, 1814.

Coll. 668

HEBARD, MORGAN, 1887-1946. Correspondence, 1909-42. 6300 items.

Philadelphia orthopterist, field worker and collector, Hebard spent his active life in close association with the Dept. of Insects of the Academy. Here he was a devoted curator and benefactor, leaving his extensive collection to the department. His collecting, often with J. A. G. Rehn covered a great deal of the New World and Europe, while his exchanges and purchases throughout the world increased the numbers of the Orthoptera collection tremendously. His financial backing resulted in increased equipment and housing for specimens to say nothing of the publication costs met by him.

The correspondence is chiefly related to his Orthoptera, but some curatorial business for the Academy is included. No list of authors has been prepared.

Archived, October, 1962.

Coll. 670

ANSP. ANTHROPOLOGICAL SECTION, 1895-1897. Petition, 1895. 1 item.

A petition of twelve members to Academy officials to form an Anthropological Section. Section was formed, but lasted only two years.

Filed with Coll. 177.

Coll. 671

PENNELL, FRANCIS WHITTIER, 1886-1952. Scrophulariaceae studies, 1942-1952. 5 cartons.

Text for his contemplated work on the Scrophulariaceae of Western America, including manuscript notes and discussions. Four sections have been segregated: (A) Final notes and Keys to the identification of species of the genera Achetaria, Calceolaria, Euphrasia and Gratioleae, (B) List of Scrophulariaceae arranged by generic names, including synonymic notes and original citations of descriptions, (C) Catalog, arranged by genera, with descriptions, ecology and geographical distribution, (D) Descriptive text comprising 4 cartons of notes and final draft. The illustrations were being done by Jeanne R. Janish and are contained in Coll. 521.

Archived in 1957 and 1962.

Coll. 672

SHUFELDT, ROBERT WILSON, 1850-1934. Letters, 1893-1912. 132 items.

A medical officer in the U. S. Navy, Shufeldt was later associated with the Smithsonian Institution. His special interests were in ornithology, mammalogy and the comparative anatomy of vertebrates. A member of the American Ornithologists' Union and numerous domestic and foreign scientific societies. Prolific writer of natural history articles. The letters in this collection are to Witmer Stone, partly about general ornithology, but dealing especially with matters concerning his publications in the Auk.

Gift of C. M. B. Cadwalader, 1939.

Coll. 674

RICHMOND, CHARLES WALLACE, 1862-1932. Letters, 1890-1931. 518 items.

Ornithologist in the Division of Birds of the U. S. National Museum during the time covered by these letters, he wrote to Witmer Stone, as curator of the Academy's birds, concerning ornithology, its personalities, its literature, collections, interchange of courtesies between the two institutions and the various aspects supervised by the American Ornithologists' Union. The letters are signed by Richmond and in very few cases is there a copy of Stone's answer, or inquiry.

From the Witmer Stone historical correspondence.

Coll. 675

PENNOCK, CHARLES JOHN, 1857-1935. Letters, 1898-1935. 226 items.

Real estate dealer of Kennett Square, Pa., Pennock was at one time State Ornithologist of Delaware. A member of the Delaware Valley Ornithological Club, he was an enthusiastic collector of birds. These letters are all addressed to Witmer Stone, and deal largely with the collection and identification of birds.

Gift of C. M. B. Cadwalader, 1939.

Coll. 676

FURNESS, WILLIAM HENRY, 1802-1896. Caricatures, 1854. 2 items.

Two pencil profile sketches of Thoreau's head, made on the back of the letter from Ralph Waldo Emerson, in 1854. [Identified by Charles Boewe, University of Pennsylvania, American Civilization, December 30, 1959]. In Coll. 338. Coll. 677

MERRIAM, CLINTON HART, 1855-1942. Letters, 1885-1936. 102 items.

Mammalogist, ornithologist, geographer and anthropologist. One of the founders of the American Society of Mammalogists, and of the American Ornithologists' Union; the first head of the Section of Ornithology, later the Biological survey; and member of the Board of Geographical Names. He made large collections of North American mammals and birds during his various expeditions, all of which were deposited in the U. S. National Museum. He is most famous for his studies on life zones and was author of most of the first ten numbers of North American Fauna. These letters addressed to Witmer Stone cover the various aspects of his work as outlined above.

From Witmer Stone's correspondence. Coll. 678

CHAPMAN, FRANK MICHLER, 1864-1945. Letters, 1890-1937. 475 items.

This ornithologist of the American Museum of Natural History corresponded with Witmer Stone about all aspects of bird study. Many of the letters refer to mutual interests in the editorship of ornithological periodicals, to the exchange of information about museum specimens and to personalities responsible for their assemblage. He made extended studies in migration and in bird protection, being especially concerned with the crusade against milliners' wanton destruction for ornamental feathers.

From Witmer Stone's Correspondence. Coll. 679

PALMER, THEODORE SHERMAN, 1868-1955. Letters, 1890-1937. 751 items.

Ornithologist, wildlife conservationist and author. Letters addressed to Witmer Stone, a great deal of the correspondence relating to the American Ornithologists' Union.

From Witmer Stone's correspondence. Coll. 680

RIDGWAY, ROBERT, 1850-1929. Letters, 1889-1928. 124 items.

Ornithologist of the U. S. National Museum, famous for his book, Color standards and Color Nomenclature and the series of many volumes entitled, The Birds of North and Middle America. These letters were written to Witmer Stone and covered a wide field of special aspects of ornithology, including identifications, loans, exchanges, techniques and preservation of type

specimens, and books needed for his color charts. Personalities in the bird world, visiting ornithologists and biographical notes conclude the subject matter.

From Witmer Stone's correspondence.

Coll. 681

REHN, JAMES ABRAM GARFIELD, 1882- Letters, 1900-36. 98 items.

As a young naturalist, the author showed marked interest in birds and mammals, working, in the Academy, with Witmer Stone. Later his interest was primarily in insects where it became centered on Orthoptera. These letters are written to Witmer Stone, mostly while on field trips in western U. S. and Central America. They contain descriptions of the country traveled, details about naturalists met en route and lists of specimens taken.

From Witmer Stone's correspondence.

Coll. 682

BINNEY, WILLIAM GREENE, 1833-1909. Papers, 1886-94. 4 items.

Binney, a native of Boston, and son of Amos Binney, a founder of the Boston Society of Natural History, was a conchologist specializing in land shells. He made many important contributions to the literature in his field. Early in life he moved to Burlington, N. J., where most of his work was done.

This collection contains Binney's personal copy of his Manual of American Land Shells, in which are inserted many descriptive clippings, 17 extra figures—some of them original watercolors, and with over 100 pages containing annotations by the author. Included also are 3 letters, all to H. A. Pilsbry, 1893-94, inserted in various volumes in the library.

Purchased from Leary's second-hand book store in 1963.

Coll. 683

GRINNELL, JOSEPH, 1877-1939. Letters, 1900-36. 228 items.

Being professor at the University of California and director of its Museum of Vertebrate Zoology, his researches centered in western U. S. He was a founder of the Cooper Ornithological Society and editor of its periodical "The Condor." At the same time he became president of the American Ornithologists' Union and a member of many related societies. These letters are addressed to Witmer Stone and deal with ornithological matters, especially with publications of *The Auk* and *The Condor*.

Gift of C. M. B. Cadwalader, 1939.

Coll. 684

FISHER, ALBERT KENDRICK, 1856-1948. Letters, 1884-1937. 212 items.

Although interested generally in geographical distribution and natural history of vertebrates, his major activities concerned birds. Associated officially with the U. S. Biological survey in the economic aspects of ornithology and mammalogy, his extra-curricular interests embraced membership in many related societies. Once president of the American Ornithologists'

Union, and earlier the Chairman of its Committee on Migration, much of this correspondence deals with affairs of that organization.

With the letters are scattered news clippings and lists of species observed as a "bird watcher." While the majority are written to Witmer Stone a small number are addressed to other ornithologists.

The subjects covered include taxonomic matters, type specimens in the Academy's collection, distributional memoranda sent in letters posted from many parts of the U. S., and biographical information about ornithologists met on his travels.

Gift of C. M. B. Cadwalader, with the Witmer Stone papers, 1939.

Coll. 685

DWIGHT, JONATHAN, JR., 1858-1929. Letters, 1891-1928. 407 items.

Physician with an avocation in ornithology. Became interested in various organizations, acting as an officer of the National Association of Audubon Societies, of the Nuttall Ornithological Club and eventually president of the American Ornithologists' Union.

Included in the collection are various open letters, questionnaires and lists of observed birds. Letters are all addressed to Witmer Stone and written from New York City, Mt. Arlington, N. J. and Tadousac, Quebec. They treat of general ornithology, bird distribution and habitats during the early years, later dealing with business of the American Ornithologists' Union of which he was president from 1923-26.

Gift of C. M. B. Cadwalader, as part of W. Stone's papers, 1939.

Coll. 686

DEANE, RUTHVEN, 1851-1934. Letters, 1891-1929. 549 items.

A Chicago ornithologist, with a great affinity for bird clubs and organizations. He was particularly active in the business of the American Ornithologists' Union as a fellow, a councilman and a member of the Committee on Biography and Bibliography. At his death his great collection of portraits of ornithologists of more than 1,000 individuals, was presented to the Library of Congress.

The letters, here preserved, were written to Witmer Stone about various phases of ornithology, but stressing his interest in the history and personalities prominent in bird study.

Gift of C. M. B. Cadwalader, as a part of Stone's papers, 1939. Coll. 687

CARRIKER SOUTH AMERICAN EXPEDITIONS, 1929-1935. Papers. 114 items.

These papers are concerned with five separate expeditions for collecting vertebrates in South America. The first three, in 1929-1932 were made to Peru, while the second two, 1933-1935 were to Bolivia. Melbourne A. Carriker was a Philadelphian interested in becoming a collector and through

the sponsorship of the Academy and financial aid of Clement B. Newbold, he went to Peru where he collected birds and mammals. Later, on his Bolivian expeditions he was accompanied by his son M.R. Carriker and the expeditions were sponsored by the American Philosophical Society through grants to aid the collections. It developed that Carriker remained in South America and periodically returned to this area to keep up his contacts with museums and individuals wanting collections of specimens made in Peru and Bolivia.

The collection includes documents about the grants, financial statements, the itineraries, diaries and reports of the results of the expeditions. A good deal of correspondence is involved and we have 25 letters from Melbourne A. Carriker himself, dated 1933-35. Letters from various officials of the Academy of Natural Sciences, Abercrombie and Fitch for supplies, U. S. State Department and other state officials, publicity letters and news releases, as well as private letters within the family. The 1934-35 trip alone netted the Academy 2,249 bird skins and 18 mammals, embracing nearly 600 species, many of them new to science.

Archived.

\*Coll. 900

BOLANDER, HENRY N. Check list of California grasses. 1866 ? 1 item.

List of sixty-two species of grasses. Annotation by C. E. Smith that the checked specimens were found in the Porter herbarium, Academy of Natural Sciences of Philadelphia, and that Bolander collected them.

Archived from the Botany Department in 1957.

Coll. 901

CALVERT, PHILIP POWELL, 1871-1961. Bibliographic Catalog of the Odonata of the world, 1891-1943. 13 items.

Soon after its publication in 1890, the author began additions and corrections to W. F. Kirby's Synonymic Catalogue of Neuroptera Odonata, or Dragonflies . . . interleaving it at will. Through the years, he compiled an elaborate revision, occupying six small bound volumes. The latest record noted was made in 1943. In 1935 he was approached by John Cowley of London with the suggestion that a new world catalog of the Odonata be published, through the cooperation of the more prominent students in the field. Mimeographed circulars describing the proposed work were mailed by Cowley, the whole idea of the Catalog meeting with the approval of Odonatologists. No evidence that much progress was made, and presumably nothing was published.

Gift of the author, September, 1961.

Coll. 902

PENNELL - PILSBRY EXPEDITION TO MEXICO. Papers, 1934. 43 items.

Contains miscellaneous papers relating to the joint botanical and conchological expedition of the Academy, to Mexico in 1934. Cyril H. Harvey ac-

accompanied the group as amateur photographer. Included are memoranda, certificates, accounts, application for grant, agreements and correspondence.

Signers: Coll. 903

Harvey, C. H. (2) 1934; Nathan, E. I. 1934; Norweb, H. R. 1934;  
Pangburn, H. K. 1934; Pennell, F. W. (8) 1934; Pilsbry, H. A. (4) 1934;  
Skinner, C. F. 1934.

HARLAN, RICHARD, 1796-1843. Papers, 1824-26. 15 items.

Harlan, a practicing physician of Philadelphia, became a member of the Academy in 1815, and was elected a curator four years later. His special natural history interests were in the vertebrates, especially reptiles. From 1824 to 1843 he published over 20 papers in the Journal and Proceedings. In this collection are twelve of these articles in his hand, two engraved plates and an extract from the minutes of the Publication Committee.

Archived. \*Coll. 904

Signers:

Dobson, Judah, 1826.

BRIDGES, ROBERT, 1806-1882. Papers, 1842-69. 3 items.

Robert Bridges, president of the Academy in 1864 and 1865, was a botanist. He was chairman of the Botanical Committee for 21 years and worked extensively with the Academy's plant collections, for which he prepared indexes. This collection contains three reports which he prepared indexes. This collection contains three reports of committees on papers submitted for publication. One of 24 pages, a paper dealing with meteors, by Jacob Ennis, defends the committee's decision not to publish. The other two, by P. A. Browne, describing a plant monstrosity, and discussing animal torpidity, were likewise turned down.

Archived. \*Coll. 905

Signers:

Browne, P. A.; Ennis, Jacob; Johnson, W. R.; Rogers, R. E.; Warner, John; Zantzinger, Wm. S.

RAU, EUGENE ABRAHAM, 1848-1932. Correspondence, 1876-87. 108 items.

A pharmacist and botanist of Bethlehem, Pennsylvania, Rau became an authority on mosses and fungi, assembling large collections which mostly went to the American Museum of Natural History in New York. Elected a correspondent of this Academy in 1883, he bequeathed a collection of books to it (mostly from L. D. von Schweinitz library) and an herbarium of flowering plants. He published jointly with A. B. Hervey, a Catalogue of North American Musci, 1880.

Formerly in the keeping of Botany Department and archived February 5, 1952. \*Coll. 906

Signers of letters:

Allen, O. D. (2) 1884; Allen, T. F. (2) 1881; Austin, Coe Finch, 1879; Baird, Spencer F. 1882; Barber, E. A. 1884; Barnes, C. R. 1884; Beals, A. Tennyson, 1920; Berkeley, M. J. n. d.; Biddlesome, J. H. 1877; Blackham, George E. 1876; Boott, William, 1885; Braithwaite, R. n. d.; Canby, William W. 1876; Cooke, M. C. 1884; Coulter, John M. 1884; Cragin, F. W. 1884; Curtiss, A. H. 1886;

Day, David F. 1877; Dreer, Henry A. 1931; Eckfeldt, John W. 1885; Evans, Alexander W. (2) 1919-20; Farlow, W. G. (3) 1886-87; Ferguson, John, 1880; Frese, Paul F. 1932; Gorman, W. C. n. d.; Gray, Asa (3) 1885-86; Hackness, W. W. 1888; Hodges, T. D. 1884; Holsinger, John M. (12) 1924-25; Jessup, H. G. 1887; Kalchbrenner, Carl, 1882; Kelleman, W. A. 1885; Killicott, D. S. 1886; Kindberg, N. Conrad, 1886; Kummer, John G. 1838;

LeConte, John L. 1876; Leggett, W. W. 1876; Leidy, Joseph, 1882; Lesquereux, L. 1884; Lindberg, S. O. 1884; Linhart, 1883; Lockwood, S. (3) 1883-86; Marvin, John, 1884; Meehan, Thomas, 1881; Mohr, Charles, 1883; Morgan, A. P. 1884; Parker, C. F. 1880; Peck, Charles H. (15) 1875-86; Porter, Thomas C. 1884; Pringle, C. G. 1884; Rau, Eugene A. (2) 1883-1904; Rusby, H. H. 1884;

Saccardo, P. A. 1883; Schrader, A. (2) n. d.; Seaman, William H. 1885; Stephani, F. 1884; Storer, Frank A. 1885; Torrey, J. n. d.; Underwood, L. M. 1884; Vasey, George, 1886; Ward, R. H. (4) 1883-85; Watson, Sereno, 1876; Willey, H. 1877; Williamson, J. (2) n. d.; Wingate, Harold, 1884; Wolle, Francis, n. d.; Zeiss, C. n. d.

MOHR, CHARLES THEODOR, 1824-1901. Papers, 1873. 2 items.

German-born botanist, collector, and pharmacist in Mobile, Alabama, where he made important studies in botany of the state. Corresponding member of the Academy, 1881. The two writings are: "List of mosses collected . . . in the State of Veracruz, Mexico . . . 1857, 1873" and "New and rare mosses received from the Pacific coast of the U. S."

Archived, October 21, 1959.

Coll. 907

BELFRAGE, GUSTAF WILHELM, 1834-1882. Papers, 1867-1916. 18 items.

Belfrage, a Swede by birth came to America, living first on the East Coast, stopping for a year or so in Chicago and eventually arriving in Texas in 1867. He published little himself but was a famous collector of insects and

at one time advertised an exchange collection of 25,000 specimens. Many of these were sent home to Sweden but the estate of Belfrage sold the collection in Texas after his death and it was purchased by the U. S. National Museum. Because of his exchange of material and his correspondence and collecting with E. T. Cresson we have many examples of his types as also has the Museum of Comparative Zoology in Cambridge. E. T. Cresson's book on the Hymenoptera of Texas was based largely on Belfrage's collection.

Archived from the American Entomological Society, 1948. \*Coll. 908

Signers of letters:

Cresson, E. T., Sr. (5) 1867-80; Olson, O. M. 1882.

KRAMSCH, SAMUEL. *Flora Nazarethana spontanea collecta, 1787-1788.*  
2 items.

Teacher at Nazareth Hall, the boys school of the Brethern (Moravian) faith in Pennsylvania during the last decade of the 18th century. 108 p. Contains an Index and Supplement by Christian Denke, 1797-1799.

Gift.

Coll. 910

LAWSON, HELEN E. Illustrations, 1842-57. 64 items.

Natural history artist, and second daughter of Alexander Lawson, the noted Philadelphia engraver. Made many drawings for her father's works particularly for S. S. Haldeman's Freshwater Univalve Molluska of the United States, 1842 and Amos Binney's Terrestrial Air-breathing Mollusks of the United States, 1857. H. A. Pilsbry stated that he considered the plates of this last work the finest shell illustrations ever made. Miss Lawson hand-colored many of her father's finished engravings. The collection contains 50 watercolors of shells, 1 etching and 1 engraving. In Coll. 79.

A frequent visitor at "Chickies," the home of S. S. Haldeman, her illustration of its grounds, lithographed by John Richard is here preserved, along with seven other watercolors of shells and insects.

Gift of Guy K. Haldeman, 1956.

Coll. 912

LeCONTE, JOHN LAWRENCE, 1825-1883. Correspondence, 1849-83. 213 items.

These letters written to John Lawrence LeConte by 101 authors are for the most part taken from the files of the American Entomological Society, but include also 18 written by T. W. Harris to John LeConte.

The collection was archived from the Entomological Department and here preserved under LeConte's name.

Coll. 913

Signers:

## Coll. 913 (cont.)

Agassiz, Alex. n. d.; Ashmead, Wm. H. 1881; Austin, E. P. (2) 1880; Bailey Charles H. 1882; Baird, Spencer F. (3) 1880-81; Baylor, P. T. n. d.; Bedel, Louis, 1879; Behrens, James (4) 1882-83; Belfrage, G. W. (5) 1874-81; Bell, Robert (4) 1881-82; Bertolini, Stefano de, 1878; Blanchard, Frederick (3) 1880-83; Blüthner, Moritz Schaufuss, 1878; Bolter, A. (2) 1870-79; Bonzano, M. F. 1882; Bowditch, Fred. C. 1878; Brendel, Emil, 1879; Buquet, Lucien, 1878;

Carnier, J. 1879; Carnus, I. Victor, 1878; Cassino, S. E. 1880; Caudy (?) D. 1880; Coffin, J. H. C. 1880; Coleman, N. (2) 1880-83; Cox, E. T. 1881; Crawford, J. M. 1880; Currie, C. Grey, n. d.; Donckria (?) H. 1883; Dusiser, A. 1883; Eden, Reitter, 1880; Fauvel, Albert (5) 1877-78; Forney, John W. n. d.; Furman, Emma LeConte (2) 1882;

Goldsmith, M. G. 1881; Goodale, S. W. 1881; Gould, B. A. (4) 1882-83; Grut, Ferdinand, 1878; Hagen, H. A. (6) 1877-82; Harrington, W. H. 1883; Harris, T. W. (18) 1849-54; Hayden, F. V. 1878; Hilgard, J. E. (2) 1880-81; Hodge, C. W. (2) 1880; Horn, George H. (8) 1881-83; Hubbard, H. G. 1879; Ito, Tokutaro (2) 1882-83; Jayne, Horace F. 1882;

King (Mrs.) V. O. 1880; Knox, Joseph J. 1880; LeConte, Bessie, 1883; LeConte, Caroline (8) 1882-83; LeConte, John L. n. d.; LeConte, Joseph (2) 1882; Leland, Charles G. (2) 1880-85; Lesley, J. Peter (4) 1880-82; Louis, F. W. n. d.; Lugger, Otto (2) 1880-82;

McChesney, J. B. 1880; McCook, Henry C. 1880; Marsh, O. C. 1877; Meyer, C. 1882; Mills, Joseph, 1882; Mische, William, 1881; Mittag, J. F. G. 1879; Morrison, H. K. (4) 1880-83; Myers, Justus M. G. 1881; Oliveira, M. P. n. d.; Osten Sacken, R. 1878;

Partridge, D. A. (2) 1883; Patton, W. H. 1880; Pauvely, Albert, 1880; Pazamard (?) F. A. (2) 1877-79; Popenoe, Edwin A. (5) 1878-80; Pulich, William, 1882; Putnam, P. W. 1881; Reinecke, O. (2) 1880; Reisig, Aug. C. 1881; Reitter, E. 1880; Remsen, Ira, 1881; Ricksecker, L. E. (2) 1882-83; Riley, C. V. (7) 1876-83; Rivers, J. J. 1882; Roelofs, W. (2) 1878-80;

Salle, A. (5) 1878-81; Saunders, William, 1883; Schaupp, F. G. (3) 1879-80; Schoenberg, W. D. 1879; Schwarz, E. A. (11) 1879-81; Scudder, Samuel H. (7) 1874-83; Sharp, D. (11) 1878-83; Simons, Manning, 1878; Snow, F. H. 1882; Snowden, A. Loudon, 1881; Stevenson, J. J. 1881;

Tournier, Henri (2) 1873-77; Trunkel, William, 1882; Uhler, P. R. 1881; Ulke, Henry, 1880; Walterhouse, Charles O. 1880; Webster, F. M. 1882; Westcott, O. S. 1881; Wollaston, E. D. 1878.

LAWSON, OSCAR A. -1854. Illustrations. 62 items.

Artist and engraver, only son of Alexander Lawson, noted Philadelphia engraver. Made many engravings, and in some cases original drawings of a great variety of subjects, including plates of medical texts, encyclopaedias, natural history publications, portraits, sporting prints, etc.

The Academy holdings are in Coll. 79 and include 5 original drawings and 57 engravings. \*Coll. 914

ZIMMERMANN, CHARLES CHRISTOPH ANDREW, 1800-1867. Papers, 1811-59. 4 items.

German-born entomologist, musician and teacher, Christian Zimmermann came to Philadelphia in 1832, soon moved to South Carolina, then back to Philadelphia and finally finished his life in South Carolina. From his student days in Halle, he maintained an active correspondence with zoologists, visited and collected with many Coleopterists in America, i. e. Melsheimer, Ziegler and Morris. Elected correspondent of the Academy in 1836.

The papers consist of a diary and workbook, bound in one volume, and three volumes of transcripts of published articles on Coleoptera. With the diary, 1811-1843 are genealogical and autobiographical notes. His excursions, visits to naturalists and letters are all listed in his daily entries. Copies of records of his insect collections, excerpts from published articles written by other coleopterists, identification keys and check lists of insects, with transcripts of some letters written and additions to his library are contained in his workbook. Both the diary and the workbook are written in German script.

A description of the Diary and Workbook was published by H. A. Hagen, *Can. Ent.*, v. 21, 1889, p. 53-57, 71-73.

Gift of John L. LeConte, 1866-69, who was helpful in procuring Zimmerman's library for Harvard University, and who retained these manuscript volumes for himself but later donated them to the library of the American Entomological Society. \*Coll. 915

CRESSON, EZRA TOWNSEND, 1838-1926. Papers, 1870-1925. 4 items.

Synoptic "Tables of the Cicindelidae," 1901?, in the handwritings of E. T. Cresson, George M. Green and others. Also a "Classification of the Coleoptera of North America," n. d. There is a certificate of honorary membership and one of thanks from the American Entomological Society.

Archived from American Entomological Society in 1951. Coll. 916

LATREILLE, PIERRE ANDRÉ, 1762-1833. Annotations, 1818 ? 75 items.

French entomologist who was connected with the Muséum National d'Histoire Naturelle in Paris for many years, the first president of the Société entomologique de France and in his right publisher of many articles in the field of entomology. He described specimens from various collections sent to Paris from all over the world. Latreille made the plates for his own writings on crustaceans, arachnids and insects. Also he did many of the illustrations for Cuvier's great work and it is believed that the original drawings found in our volume were prepared for Cuvier.

The two volumes of plates of his *Histoire Naturelle des Insectes Tableau* which we have, appeared as the *Encyclopedie Methodique, Insectes*, a work of 397 plates. In the second volume are inserted 73 original ink sketches of the plates which follow immediately after them. Also a great many annotations, additions and names are written in by Latreille. The volumes concerned belong to a set that was donated to the American Entomological Society by George H. Horn, who in turn got them from John L. LeConte's library. LeConte probably obtained the books when on a trip to Paris.

The volumes almost certainly once belonged to Latreille. The published facsimile of his handwriting which appears in *Jardine's Naturalists' Library*, vol. 32, part 5, p. 17-60, 1852, page 60, matches. A letter with photostatic copies of some of the drawings and annotations was sent to M. Lucien Chopard in Paris in 1959 and a group of the Museum staff reported that the notes were indeed in the hand of Latreille.

Archived from the Department of Entomology when the Society's library was deposited in the Academy. Coll. 917

LAURENT, PHILIP, 1858-1942. Letters, 1892-1922. 190 items.

Industrialist and amateur naturalist, Laurent early specialized on insects, but amassing an extensive collection in various sciences. Through the years he sold all his museum but insects, his collection of birds being presently the property of the Reading, Pa. Museum. His insects, a collection of 40,000 pinned specimens from the local area, Florida and western United States came to the Academy of Natural Sciences. It is concerned chiefly with North American Lepidoptera and Coleoptera. The letters were all written to Henry Skinner whom he addresses as "Harry" and relate entirely to entomology, his local collecting trips, exchanges, identifications, as well as business of the American Entomological Society and Entomological Section of the Academy. A typescript biography by J. A. G. Rehn is included here, which refers chiefly to his collection.

These letters were archived with the American Entomological Society's correspondence after Henry Skinner's death. Coll. 918

NELL, P. Catalog of spiders, n. d. 1 item.

Alphabetical catalog of spiders. On fly-leaf: "Seems to be a catalog of his library (P. Nell) or spider bibliography", initialed E. T. C. Jr., 1933.

Archived from the American Entomological Society. Coll. 919

SKINNER, HENRY, 1861-1926. Papers, 1879-1925. 99 items.

Trained as a medical man, Skinner devoted much of his later life to entomology, his research interests being in Lepidoptera. He edited Entomological News from 1890-1910. This collection contains correspondence, a bibliography of his writings, a notebook on Lepidoptera, scientific articles and annotations. The latter appear in his Catalogue of North American Rhopalocera, and in Dyar's Catalogue of North American Lepidoptera.

Archived from the Department of Insects, 1960.

\*Coll. 920

Signers of letters:

Armstrong, Georgie R. (4) 1916; Atkins, Charles D. 1919; Bauer, Wilhelm (2) n. d.; Braddock, Charles S. (2) 1907; Burr, Malcolm, 1911; Cadwalader, John, 1921; Chapman, Henry C. 1907; Clayton, S. Lillian, 1916; Cresson, Ezra Townsend (6) 1913-17; Critchfield, N. B. 1903; Curtis, H. L. 1906; Davis, William B. 1906; Dixon, Fannie G. (2) 1918;

Freeman, Harold A. 1917; Gowen, A. R. n. d.; Hamilton, John, 1900; Hausche, Maud B. 1909; Hoffman, Benjamin (2) 1912; Hooper, Franklin W. (2) 1904; Lister, Alfred E. 1906; Martindale, S., Jr. (2) 1920; Mays, Josephine, 1913; Moore, J. Percy, 1913; Nolan, Edward J. 1907;

Rehn, James Abram Garfield, 1921; Robinson, William Duffield, 1916; Rodgers, J. G. 1921; Rothermel, John Geo. 1905; Rust, David (8) 1902-22; Skinner, Henry (22) 1884-1925; Stiles, C. W. 1913; Swiggett, Glen Levin (3) 1915-16; Vansant, Belle, 1907; Vaux, George, Jr. (3) 1921; Webster, A. L. 1908; Wheeler, Arthur O. 1907; Williams, R. C. 1926.

GREENE, GEORGE M. Classification of Calosoma, 1904? 1 item.

Philadelphia amateur entomologist who collaborated with E. T. Cresson in preparing the manuscript Catalog of Synoptic tables of Cicindellidae, part of the text being in Greene's hand. See Coll. 916. The treatise, Classification of Calosoma is unsigned but identified as Greene's by James A. G. Rehn who knew him well.

Archived from the Department of Insects in 1960.

Coll. 921

BASSETT, HOMER FRANKLIN, 1826-1902. Papers, 1864-1901. 1,349 items.

Entomologist, municipal and church official, but professionally the librarian of the Silas Bronson public library of Waterbury, Conn. These papers consist of letterbooks with drafts of entomological articles and letters. The subject matter includes family and personal, church and municipal affairs, some library correspondence, but mostly the scientific aspects of his study of cynipid insects and galls. His personal cabinet was donated to the American Entomological Society, when he was still a corresponding member.

Gift of the author's daughter, Helen Bassett Ford in 1923.

\*Coll. 923

Signers:

## Coll. 923 (cont.)

Adler, Hermann (2) 1877-81; Ashmead, William H. (11) 1881-94; Bassett, Homer Frankling (26) 1865-1901; Bassett, Margaret D. (4) 1902; Beutenmuller, William, 1894; Boardman, E. R. 1877; Bolles, E. C. 1878; Brodie, William, 1885; Calvert, Philip P. (2) 1901; Clarke, Cora H. (9) 1883-91; Coleman, N. 1878; Comstock, John Henry (2) 1881; Converse, R. R. 1884; Cook, A. J. 1887; Cresson, Ezra T., Sr. (19) 1863-1900;

Dalla Torre, K. W. 1882; Dunsmore, John, 1880; Farlow, W. G. (2) n. d.; Fletcher, James, 1886; Fyles, Thomas W. 1884; Gaines, M. R. (2) 1896; Gillette, Charles P. (14) 1887-95; Hagen, H. A. (4) 1872-87; Hovey, E. O. 1902; Howard, Leland Ossian, 1895; Howe, E. C. 1878; Hulke, Julius, 1897; Johnson, W. W. 1877; Judd, R. W. n. d.;

King, (Mrs.) E. H. (3) 1888; Kingsbury, F. J. n. d.; Kirkland, J. P. 1874; Kite, William, 1884; Leer, F. Earle von (2) 1887; Levette, G. M. 1881; Lewis, John Owen, 1890; Lichtenstein, J. 1882; Lintner, J. A. (9) 1881-90; McCook, Henry C. (4) 1880-90; Mann, B. Pickman (6) 1876-88; Marvin, L. P. Waldo, 1898; Mayr, Gustav (23) 1877-1903; Meehan, Thomas, 1882; Morris, John G. 1881; Morse, Edward S. 1879; Morton, Emily L. n. d.; Muller, Albert (3) 1870-78;

Osten Sacken, C. R. n. d.; Patton, William Hampton (4) 1880-90; Patton, (Mrs.) William, 1885; Reid, Walter C. 1885; Riley, C. V. (9) 1873-95; Rudow, F. (10) 1877-81; Saunders, William, 1873; Schenck, A. 1877; Schild, P. 1902; Schlectendal, D. von (4) 1883-93; Schlegel, Emily B. 1887; Shepard, James, 1887; Siler, A. L. (4) 1880-81; Skinner, Henry, 1900; Sterling, L. 1880; Suchetet, A. 1897; Sutton, William, 1882;

Train, A. L. n. d.; Van Duzee, E. P. 1881; Van Duzee, M. C. 1881; Vandenburg, W. 1886; Walsh, Benj. D. 1866; Ward, Anna L. 1884; Warder, J. A. 1881; Warren, J. G. A. 1873; Westcott, O. S. 1881; Wright, G. Frederick, 1893; Wright, W. 1885; Wustnei, W. 1885; Zabriskie, J. L. (3) 1883.

HAIMBACH, FRANK, 1859-1930. Papers, 1926-30. 11 items.

This Philadelphia naturalist became interested in insects and plants in early childhood; being of German extraction, his parents supplied him with entomological books in their Mother tongue. This language proficiency aided him in the translation of scientific papers and later accounted for his position on the staff of Biological Abstracts. Interested in many societies, he held office in the Academy's Entomological Section, the American Entomological Society, the Feldman Collecting Social, and assumed duties of maintaining the interest of boys in the Germantown Entomological Club from 1926-1930. This collection of papers is concerned with his articles on Lepidoptera, some of which were published, catalogs of the Academy's in-

sect specimens, a review and a translation. His 40,000 Lepidoptera collected in the environs of Philadelphia and the New Jersey pine barrens were presented in the Academy before his death.

Gift of the author, preserved in the American Entomological Society's correspondence file and archived in 1954. \*Coll. 924

FERNALD, HENRY TORSEY, 1866-1952. Notes made in European Museums, n. d. 3 items.

Zoologist, nursery inspector and economic entomologist, Fernald chose for special study the field of Hymenoptera, specifically the Sphecinae. His type material went to the U. S. National Museum. This collection of papers contains his own notes taken in Europe when he visited many museums for the purpose of studying specimens in his group of insects. The document contains 102 pages and discusses Sphecidae seen at Paris, Vienna, Wiesbaden, Halle, Berlin, Lund, Kiel, London, and at the Oxford University Museum. A special paper of 9 pages is evidently written by Peter Cameron discussing the species studied at Georgetown Museum. In conclusion, the notes take the form of a check list of the species studied in each of the special museums visited.

Received March 22, 1948 by V. S. L. Pate and found with his effects in the Department of Insects, 1959. \*Coll. 925

CALVERT, PHILIP POWELL, 1871-1961. Dictionary of plants, 1883. 5 items.

At the age of 12, the author began this dictionary, giving an alphabetical listing of plants by their common names, and describing each, with field notes for some and a few drawings. The first manuscript notes were on small-sized sheets, later ones on sheets, 18 x 21 cm. and finally some were on charts of a folio size.

Gift of the author, who kept them with his family papers to bequeath to the Academy in 1961. Coll. 926

GUEX, JOHN A., - 1857. Papers, including catalogs, 1846-57. 40 items.

Amateur naturalist and collector of Coleoptera, he passed the latter part of his life in New York City. He was a member of the Academy, and a note in the Minutes announces his death and speaks with enthusiasm of Guex' interest in entomology. At that time his donations to the Entomological Collections were mentioned and over a period of years he had added materially to them. In 1854 he gave 1500 Lepidoptera and later in the same year 17,000 Coleoptera; in 1855 another 1500 specimens from Italy, France and other foreign regions. While the Academy wanted to accept this valuable collection it had no funds with which to have it packed and moved from New York, consequently they asked for contributions from various interested members, the

document listing the signatures being included here. Later on, Thomas B. Wilson purchased Guex' papers and letters to accompany the collections of insects. Aside from the series of letters and lists of insects being shipped to Guex and his shipping book listing the names and addresses with a detailed record of the specimens shipped, we have a catalog of his collection. This catalog is contained in five volumes, paged consecutively to 979 pages.

Gift to the Academy; preserved in the papers of the American Entomological Society; archived in 1959. \*Coll. 927

Signers of letters and documents:

Beck, C. F. 1855; Cassin, John, 1855; Coates, B. H. 1855; Dundas, James, 1855; DuPont, John, 1847; Foulke, Wm. Parker, 1855; Hanson, H. C. 1855; Henderson, A. A. 1855; Lea, Isaac, 1855; LeConte, John L. 1853; Leidy, Joseph, 1855; McCall, George A. 1855; Maklin, S. W. 1857; Melly, A. (3) 1847-48; Pearsall, Robert, 1855; Perroud, B. P. (3) 1846-48; Rogers, Fairman, 1855; Salle, Auguste (6) 1846-54; Schaum, H. (2) 1853-54; Vaux, Wm. S. 1855; Woodhouse, S. W. 1855.

GRIFFITH, HORACE GREELEY, -1899. Papers, 1851-53. 21 items.

Griffith was a resident member of the American Entomological Society, evidently specializing in Coleoptera. In the collection is a two-volume catalogue of Coleoptera, probably in Griffith's hand, and loose index, lists, and records of specimens in the Entomological Collection.

Purchased by T. B. Wilson and donated to the American Entomological Society. Coll. 928

CALVERT, PHILIP POWELL, 1871-1961. Family letters, 1895-1910. 125 items.

As a young man P. P. Calvert made an extended trip to Europe. During his absence, he kept up a steady correspondence with his mother. Many of these letters were preserved and form the first part of this lot. The second group of letters was written by Dr. and Mrs. Calvert during their trip to Costa Rica, 1909-10. They contain newsy chitchat as well as Calvert's biological, political and physiographical notes about the country.

Preserved by Calvert's mother until her death when they were returned to the author, later coming to the Academy's library with other bequests.

Coll. 929

MALLOCH, JOHN RUSSELL, 1875- Plates, 1923? 50 items.

Pen and ink sketches of various species of Andrena made around 1923 for H. L. Viereck's projected monograph on the genus. Unsigned, but credited to

Malloch by reason of the label of the package, written in Viereck's hand, so stating.

Archived from the Department of Entomology, 1960.

Coll. 930

MARCOU, JULES, 1824-1898. Letter, 1887. 1 item.

A letter from Washington on the letterhead of the U. S. Geological Survey, dated April 11, 1887 and written to E. J. Nolan of the Academy. Marcou discusses the statement made by Sabine, that the Academy's copy of T. A. Conrad's Fossils of the Medial Tertiary of the United States is incomplete. Marcou agrees that Sabine is correct because he has examined one owned by Otto Meyer which has extra information. The additions to the text and title-page made on the Academy's copy were entered by Nolan from Otto Meyer's copy. The letter is to be found in QE811 C75, copy 1, retained in the Academy's book collection.

Coll. 932

CALVERT, PHILIP POWELL, 1871-1961. Early observations and field notes, 1885-88. 100 items.

Even at the age of 14, this author was keeping notebooks of his field observations and with other enthusiasts, i. e. friends at the Central High School, and in the local Agassiz Club, preparing information for catalogs of various groups of animals. Notebooks and illustrated records, as well as correspondence with his colleagues are found in this collection.

Gift of Dr. Calvert, who preserved the material in his own library until the end of his life. Received in 1961.

Coll. 933

List of signers of letters:

Ballard, H. H. (6) 1888; Cheney, Eston S. (4) 1888-89; Crane, Fred, 1888; Fay, Thomas H. 1889; Foote, W. K. 1888; Harding, Steward, 1889; Hathaway, H. S. 1888; Hunsicker, J. R. 1888; Hussey, Mary D. (2) 1888; Lindsay, E. F. (2) 1888; Schafter, C. F. (11) 1888; Simpson, Frederick B. (2) 1888; Tucker, Francis (2) 1888; Tufts, F. L. 1888; Wadsworth, Mattie (11) 1888; Walker, Harry L. (9) 1888.

MARSHALL, fl. 1700. Insect drawings, n. d. 11 items.

Naturalist and artist. The various watercolors appearing in Petiver's illustrations of insects, were all fine productions, actually appearing much more finished and sophisticated than those which were published by Petiver in his insect section of the Gazophyllicum Naturae et Artis. Wherever Marshall's signature occurs, the textual matter is in manuscript and written by some other hand, the signature only differing from the rest. However, his name does appear on some drawings which have internal evidence of being older than Petiver's, i. e., 1693-1718.

In Coll. 941, plates 2, 3, 5, 6, 7, 10, 16, 17, 30, 35, 49.

Coll. 934



## Coll. 937 (cont.)

Havard, V. 1904; Hipple, C. 1904; Howe, Marshall A. (2) 1905; Hoy, David F. 1905; Jahn, Albrecht 1904; Jones, H. C. 1905; Kearney, T. H. (2) 1904-05; Kevinski, John B. 1904; Leeds, Arthur N. 1905; Lighthipe, L. H. (2) 1904-05; Lloyd, John Uric, 1905; Medsgar, Oliver P. (3) 1904-05; Mellon, C. C. 1905; Miller, Adolph W. 1904; Morris, E. L. 1904; Mulford, Fanny A. 1904;

Nash, George V. (2) 1904-05; Oberholtzer, John, 1904; Palmer, T. Chalkey (5) 1904-05; Patterson, B. H. 1905; Porter, Thomas C. 1904; Price, Femis W. (4) 1904-05; Rose, J. M. (3) 1904-05; Rothrock, J. T. (2) 1904; Rusby, H. H. (2) 1904-06;

Saunders, C. F. (2) 1904-05; Schellenberg, Elizabeth F. 1905; Schellenberg, Francis Z. 1905; Schiedt, R. C. (2) 1904; Shafer, J. A. (7) 1905; Shafer, John D. 1906; Smith, Annie Morrill (2) 1906; Smith, Benjamin (3) 1904-05; Sowden, Lee, 1905; Stone, Witmer, 1904; Sumstine, R. D. (3) 1904-05; Thurston, C. O. 1904; Tracey, S. M. 1906; Troth, H. 1904; Van Pelt, Samuel S. 1904; Vansant, Belle, 1906; Waters, G. E. (3) 1904; Wheeler, C. F. 1905; Williamson, Charles V. 1904; Windle, Francis (2) 1905; Woodbury, Frank, 1905.

LESUEUR, CHARLES ALEXANDER, 1778-1846. Copper and zinc plates, 1817-24. 24 items.

A collection of copper plates used to illustrate the first series of the Journal of Academy of Natural Sciences of Philadelphia, either drawn or engraved by Lesueur. Also one zinc engraved plate, published, with descriptive material in Notulae Naturae, no. 267, by M. E. Phillips.

Archived.

\*Coll. 938

CALVERT, PHILIP POWELL, 1871-1961. Correspondence, scientific and general. About 10,000 items.

As entomologist, professor and editor, Calvert corresponded with thousands of colleagues, students and authors. His mailing list of the recipients of his separates numbered 557, while his correspondence was maintained with 1,010 persons. Some hundreds of his own queries as well as answers to letters from others, were copied in longhand, although in later years much is in typescript. These answers and queries are retained with the letters concerned, but no exact record of their numbers was made. Most of this correspondence deals with Odonata and his researches connected with that group. Another large group of letters, written as editor of Entomological News may be found in Coll. 492.

Preserved at his residence office and bequeathed to the Academy at his death.

Coll. 939

Signers:

Aaron, Elsie L. (10) 1947-48; Aaron, S. F. (2) 1902-03; Abbe, Cleveland

## Coll. 939 (cont.)

(4) 1908; Abbott, C. J. 1902; Abbott, Laura Woodward, 1940; Abrahams, Harold J. (3) 1957-58; Abramson, J. 1939; Achotin, Alf. 1946; Adams, Charles Christopher (103) 1891-1949; Adams, Charles Frederick (2) 1903; Adams, Harriet Dyer (2) 1956; Addison, Eleanor, 1939; Adlung, Nicolas d' 1904; Adler, Cyrus, 1906; Agassiz, Alexander, 1909; Aguirre, Federico Pena, 1950; Ahrens, Carsten (8) 1937-45; Aldrich, John Merton (4) 1916-23; Alexander, Charles P. (7) 1917-56; Alfaro, Anastasio (10) 1909-20; Allee, Warder Clyde (2) 1924; Allen, Glover Morrill, 1905; Allen, Harrison, 1894; Ander, Kjell (2) 1927-52; Andrews, A. LeRoy, 1919; Anduze, Pable J. 1939; Angell, John W. 1911; Appleton, J. L. L. 1940; Armend, F. Jr. n. d.; Asahina, Syoziro (13) 1940-59; Atkins, Charles D. 1915; Averill, Helen Holden (8) 1898-1906;

Babcock, Amory L. (16) 1893-99; Backhoff, Paul Hermann (4) 1910; Bacon, Annette L. (3) 1944-45; Baerg, Wm. J. 1926; Baker, Carl F. (9) 1892-1905; Baker, Horace Barrington (2) 1939-58; Ball, Antoine (4) 1929-45; Ballou, Charles H. (6) 1928-38; Banks, Nathan (59) 1892-1944; Barbour, Thomas (4) 1928-37; Barnes, John T. 1942; Barrett, B. F. (2) 1921; Barrett, Charles (2) 1925; Barrett, O. W. (22) 1897-1919; Bartenef, Nikolaevitsch (4) 1907-32; Bartenef, A. (2) 1912; Barwig, S. A. 1924; Bates, Marston, 1950; Bath, W. Harcourt (15) 1887-91; Bather, F. A. 1913;

Beales, E. V. (3) 1892; Beatty, Alice Ferguson (3) 1956; Beatty, George H. III (2) 1940-49; Beaulue, Joseph, 1918; Beck, Herbert H. (2) 1925-30; Beebe, William (20) 1923-48; Begin, P. A. (9) 1895-97; Belysken, B. F. (2) 1959; Benjamin, Herbert H. (3) 1925-26; Benn, Rachel R. 1917; Bequaert, Joseph (15) 1928-51; Berg, Carlos (7) 1899-1900; Bergroth, E. (2) 1906-11; Berland, Lucien (3) 1922; Bervoets, R. 1914; Bethune, C. J. S. 1894; Bethune-Baker, G. F. (2) 1914; Beutenmuller, William (14) 1894-1919;

Bick, George H. (13) 1937-54; Biederman, C. R. 1903; Biezanko, Ceslau M. de (4) 1957-58; Bigelow, M. A. 1903; Bingham, C. D. 1903; Biolley, P. (6) 1902-09; Bird, R. D. (11) 1930-35; Blakely, George, 1940; Bland, James H. B. 1898; Blandford, Walter F. A. 1897; Blatchley, W. S. (2) 1911-19; Bodine, J. H. 1918; Boemer, Charles R. 1911; Bolton, H. 1921; Boring, Alice M. 1940; Borrer, Donald T. (13) 1933-54; Boschma, H. (2) 1946; Boulton, Rudyard, 1938; Bowman, H. H. M. 1940; Boyden, Alan (3) 1930-44; Boyer, Charles S. (2) 1918;

Bradley, J. Chester (15) 1903-52; Branson, E. B. 1921; Brauer, Friedrich M. (2) 1898; Braun, Annette F. 1924; Brehme, Herman H. 1914; Brengle, Henry G. (3) 1903; Bridges, William (3) 1947-48; Brimley, C. S. (15) 1903-19; Brindley, Tom A. 1931; Britton, W. E. (3) 1905; Brody, Samuel, 1930; Bromley, Stanley W. (2) 1932-33; Brongniart, Charles, 1891; Brooks, F. G. 1948; Brown, Amos P. (4) 1893-1905; Brown, Arthur Erwin (8) 1898-1909; Browne, Frank Balfour (2) 1910; Browne-Webber, Francis Charles, 1903; Browning, G. Wesley (4) 1897-99; Brues, C. T. (6) 1907-40; Bruner, Lawrence (8) 1898-1921; Bryson, Harry R. 1930;

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Bucholtz, Christian (7) 1950-62; Bullock, David J. (5) 1890-91; Bumkins, H. C. 1900; Burk, Charles M. n. d.; Burk, Jesse Y. 1902; Burn, Arthur Gevin, 1907; Burr, Malcolm (3) 1911-12; Busck, August (2) 1924-30; Butler, Hortense (5) 1913-14; Buxton, B. H. 1912; Buys, John L. 1925; Byers, C. Francis (20) 1930-56;

Cadbury, John W., 3rd. n. d.; Cadwalader, Charles M. B. (2) 1948; Cady, Howard S. (2) 1940; Calvert, Philip P. (29) 1892-1949; Camelo, I. (6) 1938-40; Campbell, Carles A. R. 1908; Campbell, F. L. n. d.; Campion, Herbert (39) 1912-24; Campos. Francisco R. (83) 1902-57; Canavan, Wm. P. 1939; Canby, Henry M. n. d.; Carpenter, F. M. (4) 1930-37; Carriker, M. A. 1909; Carroll, Mitchell (7) 1924-30; Cary (Mrs.) C. Reed (3) 1928-58; Casseres, L. G. (3) 1917-21; Cattell, R. (2) 1908-19; Causey, Vella B. 1951; Cavrot, Gilbert, 1938;

Cervera F. Z. 1924; Chamberlain, Charles J. 1911; Chamberlain, R. V. 1911; Chamberlin, Joseph C. (2) 1914-34; Champion, Geo. Chas. (122) 1899-1927; Champlain, A. B. (2) 1921-30; Chang, Peh-I. 1948; Chao-Hsiu-fu (4) 1949-51; Chapin, E. A. (8) 1934-36; Chen, T. T. 1941; Chen, Y. (2) 1946-50; Chermock, F. H. 1935; Child, C. M. 1903; Chopard, Lucien C. 1952; Christensen, Kermit (2) 1931-45; Christiansen, Kenneth (3) 1941-53;

Clapp, Roger E. E. 1932; Clark, Austin H. (7) 1913-47; Clark, Elsa H. 1917; Clark, Harry W. (10) 1939-42; Clark, Jerome B. (3) 1911-17; Clarke, Francis P. 1932; Cleland, Ralph E. 1940; Clemens, James B. 1914; Clifton, R. S. (3) 1911-12;

Cock, George B. 1903; Cocker R. E. (2) 1923; Cockerell, T. D. A. (66) 1892-1946; Cockerell (Mrs.) T. D. A. (4) 1948; Collett, Mary E. (4) 1922-29; Collins, Julia Cope, 1910; Colton, Harold S. (6) 1910-53; Comstock, John Henry (7) 1893-1919; Conard, Henry S. 1905; Conduz, A. O. (7) 1909-21; Conklin, Edwin G. (31) 1905-50; Consiglio, Carol (3) 1950-52; Cook, Caro (8) 1947-50; Cook, E. Fullerton (4) 1914; Cook, John H. (2) 1908; Cooke, Herman G. 1941; Coole, Charles J. Jr. 1911; Cooley, Grace E. (2) 1892-93; Cooley, R. A. 1907; Coolidge, Karl R. 1920; Cope, E. D. 1895; Corbett, Philip S. (6) 1950-59; Cornish, George A. 1904; Costa, A. 1896; Cotton, Harold S. 1909; Cowley, John (18) 1934-52;

Crabb, Ed. D. 1930; Crampton, G. C. (27) 1918-31; Cresson, E. T. Sr. (14) 1895-1912; Cresson, E. T. Jr. (20) 1911-49; Crevecoeur, A. 1939; Croasdale, Hannah T. 1940; Cross, William H. 1951; Crozer, Samuel A. (2) 1913; Crumb (Mrs.) Ulu P. (8) 1900-08; Crysler, M. A. (2) 1939; Cumming, Robert B. (2) 1952; Currie, Rolla P. (52) 1898-1928;

Daecke, V. A. E. (14) 1902-17; Dahlgren, Ulric, n. d.; Dall, William H. 1911; Damph, Alfons (2) 1928-31; Danforth, Ralph E. 1926; Darlington, P. J. (6) 1947-55; Davenport, Charles B. (2) 1908; Davidson, A. 1893; Davis, C. Abbott (5) 1902-03; Davis, Edward M. (14) 1939-40; Davis, G. C. 1893; Davis, John J. (16) 1914-58; Davis, Mary Eleanor (3) 1936-38; Davis. R. N. (2) 1921-22; Davis, William T. (40) 1896-1940;

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Deam, Charles C. (2) 1901-08; Dean, B. 1896; Dercum, Francis X. 1929; Dias dos Santos, N. (8) 1945-60; Diller, (Mrs.) William F. (5) 1925-39; Dixon, Samuel G. (5) 1897-1910; Dodds, G. S. 1912; Dolan, Thomas, 1953; Dolley, Charles S. (5) 1890-1933; Donaldson, Henry H. (3) 1927-28; Donnelly, Henry J. (9) 1938-52; Dougherty, T. H. (3) 1899-1905; Dow, R. P. (5) 1913-31; Drew, Gilman A. (3) 1901-12; Drew, S. H. (3) 1887-91; Dunham, J. H. (3) 1906-17; Dunning, S. A. (2) 1897; Dury, Charles (4) 1898-1944; Dwyer, Chester O. 1900; Dyar, Harrison G. 1916;

Eager, Grace (3) 1938-40; Eastman, C. R. (2) 1913; Easton, M. W. (4) 1900-13; Easton, Roland, 1940; Egbert, Seneca, 1903; Eisen, Gustav (8) 1893-99; Eisenhart, L. P. (5) 1948; Ellis, May M. 1913; Elriach, E. M. (4) 1897-99; Elrod, J. M. (32) 1897-1912; Eltringham, Harry, 1912; Emerton, J. H. 1923; Emery, R. G., Jr. (2) 1934-35; Engelhardt, T. P. (2) 1929; Enns, Wilbur R. 1954; Essig, E. O. (2) 1945-53; Evans, John, 1949; Evermann, Barton W. 1919; Ewan, Joseph, 1950; Ewing, H. E. 1929;

Fall, H. G. 1925; Farr, Chester N., Jr. 1928; Felt, E. Porter (24) 1902-40; Fenninger, Carl W. (2) 1911-56; Fernald, H. T. 1905; Fernald, Mary L. (2) 1900; Ferguson, Alice (14) 1927-51; Ferris, Clifford, 1951; Field, Edward I. (2) 1915; Field, H. M. 1910; Fisher, Elizabeth G. 1940; Fisher, W. K. (3) 1930-35; Flowers, J. B. 1943; Folly, George C. 1912; Folsom, J. W. (3) 1903-30; Forbes, Stephen A. (4) 1912-14; Forster, Elise (2) 1920-21; Forster, F. (13) 1898-1909; Foster, E. (2) 1899; Foster, M. B. (2) 1945; Fowler, Henry W. (2) 1939-43; Fox, Carroll (2) 1924; Fox, Henry (4) 1919-38; Fox, William J. (4) 1895-1911; Foxwell, Velma, 1958;

Franz, Elli, 1937; Fraser, F. C. (63) 1921-57; Fraser, William J. (2) 1904-52; Frazer, Persifor (2) 1898-1907; Freeman, G. L. (2) 1907; Frison, T. H. 1940; Fruhstorfer, H. 1890; Fudakowski, J. 1930; Funk (Mrs.) F. J. (2) 1918; Funkhouser, W. D. 1945;

Gadow, H. 1909; Gaige, Frederick M. (16) 1918-36; Ganglbauer, L. 1896; Gardner, A. E. (3) 1950-57; Garman, Harrison (3) 1932; Garman, Philip (34) 1920-45; Garrier, Riccardo, 1906; Gates, Thomas S. 1939; Geijskes, D. C. (27) 1921-57; Geiser, S. W. (16) 1929-37; George, Evelyn (2) 1932; Gerhard, Wm. J. (5) 1904-19; Gerold, John H. (4) 1923-44; Gestro, R. (8) 1896-98; Gibbs, Robert H., Jr. (3) 1953-54; Gibson, Arthur, 1928; Gillespie, John (7) 1941-48; Glass, H. Bentley, 1958; Glasgow, Robert D. (2) 1911; Gloger, H. G. (7) 1950-59; Gloyd, Leonora K. (165) 1931-59;

Goddard, Martha F. 1897; Godman, F. D. (13) 1898-1915; Goldberg, Rose E. 1944; Goode, G. Brown, 1894; Goodspeed, Arthur W. 1940; Gordon, G. B. 1916; Gore, Ralph, 1940;

Grabau, Myles C. (3) 1954-55; Graf, J. F. 1908; Grant, Harold J. Jr. 1959; Grave, Caswell (2) 1916; Gray, George M. (3) 1937-38; Green, Charles R. 1919; Greene, Charles T. 1950; Greene, George M. (3) 1912-17; Greenman, Milton J. (2) 1893-1916; Greenwalt, Mary Hallock, 1904; Gregg, Clifford C. 1939; Greitt, L. 1913; Griffini, Achille, 1896; Grimberg K. 1904;

Grinnell, Fordyce, Jr. (4) 1900-11; Gross, S. Frederick, Jr. 1890; Groth, B. H. A. 1909; Guell, (Mrs.) A. 1917; Gunder, Jeane D. (5) 1925-28; Gurney, Robert, 1930; Guyton, T. L. 1932;

Hadley, C. H. 1940; Haeckel, Ernst, 1896; Hagen, H. A. (12) 1888-90; Hagen, James F. 1911; Haimbach, Frank (4) 1904-16; Haldy, Gertrude Hensel (2) 1937; Hall, Mary B. 1912; Hammett, Frederick S. 1940; Hampden, G. F. 1917; Handlar, F. 1929; Handlirsch, A. (4) 1903-04; Haney, John, 1940; Hanslekan, Theodore, 1945;

Hardenberg, C. B. 1909; Harmer, S. F. 1898; Harper, Francis (2) 1953-54; Harries, F. H. 1939; Harris (Mrs.) Daniel L. 1940; Harris, Edward Doubleday (5) 1905; Harrison, Charles Curtis (14) 1901-21; Harshberger, John W. (3) 1908-27; Hartman, Carl G. (2) 1928-42; Harvey, Addie Lillian (3) 1900-05; Harvey, E. Newton (3) 1911-59; Harvey, Francis L. (39) 1890-1900; Harvey, LeRoy Harris (3) 1900; Haskin, J. R. 1930; Hathaway, E. S. (3) 1937; Hauschka, Theodore Spaeth, 1939; Hays, J. Minis (2) 1898-1916; Hays, William P. (2) 1935-41; Hayward, Kenneth J. (7) 1937-59;

Headlee, Thomas J. 1919; Hebard, Morgan (3) 1903; Hegner, Robt. W. 1921; Hempel, Adolph (2) 1899-1900; Henry, Josephine de N. 1947; Henshaw, Samuel (72) 1890-1936; Hess, A. D. 1940; Hetzel, Frederic V. (2) 1917-38; Heymons, Richard, 1904; Reysler, Kate E. 1917; Higgins, Helen T. (3) 1900-17; Hillman, Fred H. (5) 1890-91; Himstead, Ralph E. 1940; Hincks, W. D. 1936; Hine, James S. (29) 1899-1925; Hitchcock, Edgar J. 1917;

Hoag, M. E. (9) 1903; Hocking, Joseph (4) 1938-40; Hodge, Charles, 4th (2) n. d.; Holdredge, Leigh Irving, 1902; Holland, Wm. J. (21) 1904-30; Hollingsworth, I. Pemberton P. 1953; Holmes, S. J. (2) 1907; Holray, Roland, 1940; Homann, W. 1899; Hood, J. Douglas (7) 1927-41; Hoogstraal, Harry (7) 1938-41; Hooker, Charles W. 1912; Hopping, Roy (4) 1891-94; Hopwood, J. Osborne, 1940; Horn, Edward C. (3) 1939; Horn, Walter, (6) 1927-34; Hornig, Herbert (15) 1897-1937; Howard, Leland Ossian (28) 1892-1930; Howden, John F. 1929; Howe, L. Lavinia Verrill, 1926; Howe, R. Heber, Jr. (62) 1915-26; Howieson, C. H. 1899; Hull, Frank M. (3) 1927-58; Hungerford, H. B. (8) 1926-58; Hunter, S. J. 1919;

Ide, F. P. (4) 1944-53; Ihering, H. von 1903; Ilg, Carl, 1911; Imms, A. D. (3) 1915-37; Irving, Lawrence, 1939; Jacobs, P. C. 1902; Jacoby, Myron (4) 1939-43; Jamieson, Janet P. (2) 1917-39; Jayne, Horace, 1894; Jennings, H. S. (2) 1912-39; Johannsen, O. A. 1941; Johnson, Charles W. (11) 1887-1925; Johnson, O. B. 1907; Jones, Frank Morton (14) 1891-1945; Jordan, David Starr, 1909; Jordan, Ewing, 1914; Jordan, Karl (9) 1907-31; Joubel, Louis H. 1902; Judd, W. A. 1953; Kahl, Hugo (10) 1904-40; Karsch, F. (2) 1896-1905; Kaufmann, Berwind P. 1940;

Keen, W. H. (3) 1912-16; Keith, John M. 1917; Kelley, Frank J. 1915; Kellicott, D. S. (17) 1890-97; Kellicott, Valeria E. 1898; Kellogg, Vernon L. (4) 1911-23; Kennedy, Clarence Hamilton (174) 1913-49; Ketchum, Bostwick H. 1955; Kimmins, D. E. (4) 1931-57; Kincaid, Trevor (3) 1893-

## Coll. 939 (cont.)

97; King, J. L. (2) 1931; Kinsey, Alfred C. 1930; Kirby, W. Egmont (2) 1913; Kirby, W. F. (14) 1890-1909; Kirchner, Georg, 1942; Kisliuk, Max, Jr. 1941; Klapacek, Fr. 1910; Kleerekoper, Herman (14) 1941-52; Klots (Mrs.) Alexander Barrett (13) 1931-56;

Knab, Frederick (7) 1899-1913; Knight, H. H. (2) 1926-53; Knowler, H. McE. 1917; Koch, Theo. Wesley, 1919; Konow, E. 1902; Kormondy, Edward J. (13) 1954-58; Kraat, G. 1896; Kraemer, Henry, 1917; Kraepelin, Karl, 1898; Kruger, L. (3) 1901-23; Kuegemann, E. K. 1892; Kuhlhaty, Theodor (2) 1899; Kunze, Richard E. 1897; Kuwana, S. Inokichi (3) 1902;

Lacey, Lionel, 1934; Lahee, Frederick H. (4) 1903-04; Laidlaw, F. F. (41) 1902-59; Landis, Eugene M. 1939; Lankester, O. H. (29) 1910-53; Lankester, E. Ray, 1904; La Rivers, Ida (3) 1939-47; Latham, H. S. (5) 1916-40; Laurent, Philip (31) 1904-35; Leconte, Robert G. 1907; Lems, Kees, 1953; Leng, Chas. W. (2) 1922-23; Leonard, Justin W. (5) 1934-38; Leonard, M. D. (6) 1925-28; Lestage, J. A. 1931; Levy, E. C. 1915; Lewis, C. Bernard, 1942; Lewis, Edwin, 1913; Lewis, Elizabeth Lindsay, 1916; Lewis, Marcus M. (2) 1939-52; Lewton, Frederick L. 1904; Leiftinck, M. A. (9) 1927-50;

Liebeck, Charles (17) 1911-49; Lincoln, Elsie (2) 1934-40; Lindsay, Eder, 1940; Lindsay, Walter (3) 1921-43; Linell, Martin L. (5) 1891-95; Lingelbach, William E. 1939; Linsley, E. Gorton (2) 1939; Lintner, J. A. (7) 1891-97; Linton, Edwin, 1929; Lippincott, H. 1917; Lloyd, R. Louis, 1930; Locke, Fred E. (2) 1939; Loman, John, 1916; Long, Bayard (2) 1913; Longfield, Cynthia (15) 1932-57; Loomis, U. (6) 1888-89; Lucas, W. F. (7) 1914-31; Ludwig, Daniel (2) 1933; Lund, C. J. 1915; Lutz, Frank E. (13) 1909-38; Lyman, Henry H. 1909; Lyman, Van Allen (3) 1958;

McAndrews, A. H. (2) 1931; McAtee, W. H. 1944; McAvoy, Charles D. 1920; McClelland, Wm. 1939; McClendon, J. F. (11) 1903; McClung, C. E. (5) 1939-43; McClure, H. Elliott, 1936; McCook (Mrs.) H. C. (2) 1911-12; McCouch, Grayson P. (2) 1955; McCulloch, J. R. 1935; Macfarlane, John M. (16) 1898-1940; MacGillivray, Alexander D. (17) 1904-16; Machado, Angelo Barbosa Monteiro (4) 1951-57; MacIllriach, E. A. (2) 1899; McIndoo, N. E. 1917; Mackay, Donald C. G. 1937; McKenney, R. E. B. (5) 1900-09; Macklin, Jerry M. (2) 1958; McLachlan, R. (34) 1895-1904; MacLaughlin, T. J. (2) 1894-95; MacNeil, N. (3) 1949-53; Malaise, René, 1952; Malouf, N. S. R. 1934;

Mann, Albert (4) 1915-16; Marasco, C. n. d.; Marsh, Edward C. 1916; Marshall, Ruth, 1936; Marshall, William S. (5) 1915-45; Martin, A. S. (2) 1914; Martin, John C. 1947; Martin, René (74) 1890-1926; Martindale, I. C. n. d.; Martynov, O. n. d.; Mason, Frank R. 1911; Matthews, John H. 1911; Maxon, William, 1905; Mayr, Ernst, 1905; Medler, J. T. 1951; Meigs, Edward B. (2) 1912-14; Meijere, J. C. H. 1897; Melander, A. L. (3) 1909-34; Mengel, Levi W. 1912; Menyer, E. C. 1930; Metcalf, Maynard M. (8) 1922-34; Metz, Charles W. 1944; Meyer, E. 1934;

Mickel, Clarence E. (3) 1936-37; Miller, Karl S. n. d.; Miller, Newton, 1906; Miller, Raw Sumner, 1912; Minnick, J. H. 1939; Mitchell, Philip H. n. d.; Miyake, T. (3) 1914-18; Mobius, K. (3) 1890-96; Montane, M. 1927; Montgomery, B. Elwood (68) 1924-57; Montgomery, Priscilla B. (11) 1913-28; Montgomery, Thomas H. (11) 1903-11; Moore, Barrington, 1926; Moore, H. F. 1943; Moore, Helen G. (2) 1939; Moore, John Percy (38) 1903-59; Mooris, Charles, 1915; Morgan, Anna H. (9) 1911-32; Morgan, T. H. 1912; Morse, Albert P. (15) 1892-1902; Morse, H. F. 1909; Morton, Kenneth J. (65) 1904-57; Morton, S. (4) 1909-33; Moser, Floyd, 1940;

Mumford, E. W. (2) 1922-39; Munchberg, Paul (35) 1932-53; Munscheid, Mr. (2) 1933; Munz, Philip A. (5) 1915-17; Murlin, John R. 1939; Musser, Paul H. 1940; Muttkowski, Richard A. (29) 1908-21; Nakahara, Waro (2) 1915; Nathan, P. Susai, 1959; Navas, R. P. (16) 1903-31; Neave, S. A. (3) 1921-31; Needham, James G. (198) 1897-1956; Nehrling, H. (2) 1919; Nell, Philip, 1911; Nelsen, Cesare, 1934; Nelson, E. W. (2) 1896-1909; Nelson, James A. (3) 1904-15; Neville, A. C. (2) 1958; Nevin, Reese, 1940; Newcomb, Curtis, 1958; Newton, Francisco (2) 1899-90;

Nichols, Louise, 1945; Nielsen, Cesare (2) 1936-51; Nitzsche, George E. 1910; Noble, Charles Greylock, 1918; Noble, G. Kingsley, 1933; Nolan, Edward J. (13) 1893-1917; Noonan, Julia A. 1948; Norton, Alice, n. d.; Oberbolser, Harry C. 1912; Oberly, H. C. 1931; Ohaus, D. S. 1915; Old, M. C. (2) 1930; Olmsted, J. M. D. 1930; Olson, Ada L. (5) 1952; Olsson, Axel, 1917; Omwake, George L. 1933; Ondermark, L. W. 1896; Osborn, Fairfield, 1939; Osborn, Herbert (10) 1908-46; Osburn, Raymond C. (16) 1900-35; Oreamuno, J. Rafael (2) 1916; Orestano, Andrew, 1950; Orton, T. H. 1930; Ott, H. N. 1924; Owen, Daniel E. 1935; Owen, Edward P. (5) 1880-91;

Packard, A. J. (6) 1890-96; Park, Orlando, 1924; Parker, Frank (2) 1940; Parker, G. H. (2) 1914; Parker, H. L. 1936; Parker, Lawrence B. 1928; Parmenter, C. L. (5) 1939-48; Parmenter, Hazeltone, 1948; Parshley, Howard Madison, 1920; Pate, V. S. L. (3) 1935-41; Patel, Edith M. (2) 1920-22; Patrick, Ruth, 1950; Patten, E. 1921; Patterson, Lawrence (5) 1910-13; Patton, William (2) n. d.; Paulian, R. (2) 1938-39; Paxson, Owen S. (2) 1910-11;

Pearl, Raymond (2) 1909-11; Pearse, A. S. (5) 1934-36; Pearson, Leonard, 1909; Peeblis, F. 1912; Pendergrass, Eugene P. 1937; Penn, George H. (2) 1953; Pennell, Francis W. (3) 1908-43; Penniman, Josiah H. 1939; Pennypacker, J. (3) 1900; Pennypacker, Miriam, 1952; Penrose, Boies, 1906; Penson, E. L. Jr. (2) 1913-14; Pepper, William, 1939; Pergande, Theodore (2) 1906; Perkins, R. C. L. 1912; Pernunian, J. 1934; Petersen, Esben (3) 1909; Petrunkevitch, Alexander (2) 1909-11;

Phillips, E. Frank (5) 1905-41; Phillips, James M. n. d.; Phillips, Maurice E. (4) 1954-56; Picado, C. (2) 1911-12; Pieper, Ruth M. (2) 1928; Pilate, G. R. 1897; Pilsbry, Henry A. (3) 1910-53; Ping, C. (5) 1923-26; Pinkey, Elliot, 1957; Piper, C. W. 1899; Pittier, H. (7) 1908-17; Plaumann, Fritz (8) 1934-38; Pollard, Charles Louis, 1910; Pooler, Blanche, 1927;

## Coll. 939 (cont.)

Porter, Carl S. E. (2) 1900-02; Poulton, E. B. (3) 1930; Poulton, G. B. (4) 1896-12; Prenn, Friedrich (3) 1927-49; Preudhomme de Borre, Alfred, n. d.; Price, Homer (6) 1950-53; Prime, Fredrich, 1905; Pritchard, A. Earl (7) 1932-53; Procter, William, 1941; Putnam, James (8) 1940; Pule, Robert A. (3) 1940-41;

Quaintance, A. L. 1930; Querci, Orazio, 1933; Racenis, J. (8) 1953-58; Ramme, W. (3) 1947-48; Ramsden, Charles T. (5) 1921-34; Rand, Theodore D. 1898; Rathbun, Richard (6) 1904-17; Readio, Philip A. 1929; Rech, M. (2) 1938; Reed, Carlos L. (3) 1905; Rehn, James A. G. (13) 1911-60; Rehn, John W. H. 1950; Reif, Charles B. (2) 1940; Reynolds, L. R. 1906; Reynolds, Paul R. 1916;

Rhoads, Samuel N. (3) 1899; Rich, Stephen G. (7) 1915-20; Richards, A. Glenn, Jr. (11) 1938-57; Richards, Horace (3) 1940-57; Richardson, Harriet, 1905; Richardson, William D. (3) 1889-1920; Richmond (Mrs.) Carl Adams (4) 1947; Ricketts, R. S. 1904; Ricksecker, L. E. 1889; Ridgway, Robert, 1909; Riederer, L. 1899; Riley, C. F. Curtis (2) 1908; Riley, Charles Valentine (12) 1890-95; Riley, M. J. 1924; Riley, William A. 1905-15; Ris, Elizabeth (31) 1929-35; Ris, F. (67) 1896-1930; Rivasi, D. (4) 1909-34;

Roback, Selwyn S. 1959; Roberts, Chris. H. 1901; Roberts, H. R. (2) 1948-58; Roberts, J. E. H. (2) 1945-47; Robinette, Edward B. 1910; Roever, Kilian (3) 1952-53; Rogers, J. Speed, 1951; Rohrer, R. P. 1929; Rohwer, S. A. 1929; Rollinat, R. 1927; Romeike, Albert Henry (5) 1917-19; Romer, Alfred S. 1946; Root, Francis M. (10) 1922-25; Rosas Costa, J. A. 1940; Rosengarten, Geo. D. (2) 1920; Rosner (Mrs.) Albert A. 1949; Ross, Edward S. (2) 1946-47; Rothermel, John M. (2) 1905-10; Rounds, Dean L. (5) 1938-40; Rousseau, L. 1912; Ryder, John A. (3) 1891-94;

Sachse, Waldemar (2) 1943; Sachtleben, Hans. 1953; Safford, P. H. 1930; St. Quentin, Douglas (13) 1938-57; Saito, Saburo, 1929; Sala, Ignacio, 1947; Salman, K. A. (2) 1929; Salvin, Osbert, 1896; Samuel, Maria B. 1931; Sanderson, E. Dwight, 1901; Sapper, Auguste, 1908; Sapper, Karl, (2) 1908-09; Sargent, William Dunlap (2) 1937; Satterthwait, A. F. (2) 1908; Sauter, Albert C. (2) 1940; Saxe, LeRoy H. Fr. 1940;

Scattergood, Jos. 1937; Schaeffer, C. 1903; Schaeffer, J. (2) 1904-17; Schaffer, Charles (4) 1899-1913; Schaus, William (30) 1910-42; Scheidt, R. C. (3) 1893-1909; Schelling, Felix (2) 1917-40; Schiemenz, H. 1954; Schlehner, Harry W. 1940; Schmidt, Erich (72) 1922-59; Schmidt, Henry, 1917; Schmieder, Rudolf G. (19) 1932-53; Schmitz, Theodore H. (3) 1898-1909; Schmucker, S. C. (2) 1899-1939; Schouteden, H. 1935; Schrader, Franz, 1947; Schramm, Jack, 1940; Schroder, Charles (2) 1902; Schroder, S. Ely (2) 1923; Schuchert, Charles (2) 1910-30; Schulthess, A. V. 1931; Schute, Konrad, 1934; Schwarz, E. A. 1911; Schwarz, H. 1899; Scopan, A. T. (7) 1901-21; Scott, Hugh, 1913; Scudder, Samuel N. (3) 1890;

Seifing, William, 1914; Seiss, Stew, 1911; Selys-Longchamps, Edmund de

(19) 1891-1948; Selys-Longchamps, Walter de (3) 1901; Severin, G. M. (37) 1905-29; Shafer, Geo. D. 1928; Sharp, Alda M. 1889; Sharp, Benjamin (4) 1900-07; Sharp, D. (3) 1895-1910; Shaver, John R. (3) 1939; Shavey, John, 1946; Shepard, Margaret (3) 1935; Sheraton, William (25) 1889-99; Shoemaker, William T. (7) 1908-39; Short, G. R. T. 1959; Shreve, Forrest (2) 1916; Shryock, Richard H. 1957; Shull, George H. (3) 1921; Sjoberg, Gideon, 1959; Sjostedt, Yngve, 1919; Skinner, Henry (43) 1891-1925; Skwarra, Elizabeth (2) 1931; Slossen, Annie Trumbull (35) 1892-1915;

Smith, Alice C. H. (2) 1911-49; Smith, Benjamin, 1911; Smith, Edgar F. (6) 1911-17; Smith, Eugene (3) 1914-39; Smith, Hergert H. (7) 1896-1908; Smith, J. C. (2) 1898; Smith, J. L. 1908; Smith, J. Russell (2) 1909; Smith, John B. (47) 1893-1909; Smith, M. R. 1936; Smith, Marion E. (3) 1939; Smith, Ray L. (2) 1940; Smith, Septima C. (5) 1935-40; Smyth, Ellison A., Jr. (4) 1906-07; Snodgrass, R. E. (19) 1927-54; Snyder, Arthur J. (6) 1894-96; Snyder, Howard A. (2) 1911-14; Somme, Sven, 1937; Somers, Mary G. (2) 1934; Sordelli, Ferdinando, 1896; Southwick, E. B. 1897; Spangler, H. W. 1909;

Stabler, Robert (2) 1952-53; Stanton, W. A. 1906; Stellwaag, Fretz (2) 1928; Stenitsky, R. F. 1939; Stevens, N. M. (2) 1912; Stewart, Douglas, 1912; Stiles, Charles Wardell, 1909; Stockhausen, P. C. (2) 1911-16; Stone, Witmer (6) 1898-1925; Stoner, Dayton (7) 1923-27; Straub, Eberhard (8) 1948-52; Strong, Richard P. (2) 1930; Stutzman, John W. 1933; Suffert, E. 1896; Surface, Frank M. 1909; Surface, H. A. (3) 1906-08; Svihla, Arthur (3) 1958-59; Sweetman, Harvey L. 1938;

Taborsky, K. 1929; Tadd, J. Liberty, 1900; Tahman, C. F. 1909; Takahashi, Otoji (9) 1892-94; Takahashi, Ryoichi (2) 1921; Talle, K. F. 1924; Tarris, Venia (2) 1921-22; Taschenberg, E. (3) 1896; Taylor, R. L. 1930; Thaxter, Roland, 1910; Thieroff, Walter R. 1940; Thomas, F. L. 1930; Thomas, Sarah A. (2) 1957; Thompson, W. (2) 1930; Thorpe, P. 1903; Tickner, Julius, 1936; Tillyard, Robin John (73) 1908-37; Tinkham, Ernest R. (2) 1949-50; Titschack, E. 1930;

Torre-Bueno, J. R. de la, 1940; Torres, Heloisa Alberta, 1846; Tough, James (4) 1897-1901; Town, W. L. (4) 1910-11; Tower, W. L. (2) 1905; Townsend, C. H. Tyler, 1896; Tristan, J. Fidel (75) 1909-22; True, F. W. (3) 1892-98; True, Rodney H. (2) 1936-37; Truman, P. C. (8) 1889-92; Turpin, Mr. n. d.; Tyrone, G. 1930;

Uhler, P. R. (4) 1888-99; Ulke, Henry, 1898; Underwood, C. (3) 1902-04; Urich, F. W. 1912; Uvarov, B. 1921; Valerio, Manuel (9) 1928-33; Van Atter, William M. 1911; Van Court, J. J. 1937; Van Der Weill, H. W. 1907; Van Duzee, E. P. (6) 1897-1922; Van Dyke, Edwin C. (5) 1909-39; Van Ostrand, H. T. (2) 1908; Vanis, A. J. (Mrs.) (2) 1938; Vaslit, Frank, 1894; Vidal, Lopez, 1947; Viereck, Henry L. (8) 1903-08; Viets, K. (3) 1931; Viguez, Jose Franco, 1917; Voss, Edward G. 1953;

Wade, Joseph S. (2) 1945-53; Wadsworth, Mattie (62) 1891-1928;

## Coll. 939 (cont.)

Wagner, Fritz (2) 1932; Wagoner, Samuel Tobias (4) 1904-05; Walker, E. M. (96) 1905-59; Wallace, Louise B. (2) 1909-10; Walle, K. F. 1951; Wambeleck ? Bruno, 1896; Wang, Chia Chi, 1928; Wanka, Louis, 1897; Ward, Henry Baldwin, 1913; Ward, Henry L. (5) 1903-19; Ward, Robert DeC. 1909; Wardle, H. Newell, 1919; Waterhouse, Charles O. 1895; Watson, Passues, 1940;

Weber, Neal A. (8) 1939-58; Weber, S. E. (2) 1938; Webster, F. M. (6) 1898-1905; Weeks, Andrew Gray (5) 1899-1910; Weigand, Fred, 1911; Weiss, Harry B. (23) 1909-51; Weith, Louis E. (2) 1903; Weith, Rudolph J. (15) 1895-1900; Welch, d' Alte A. 1939; Welch, Winona H. (2) 1952; Wells, Lilian A. 1910; Wenrich, David H. (11) 1939-55; Wenzel, Henry W. (2) 1900-04; Weth, R. J. 1901; Wesenberg- Lund, C. 1914; West, John H. 1911; Westcott, Charles, 1920; Westcott, O. S. (7) 1904-15; Westfall, Mintern J., Jr. (56) 1940-58; Wetherby, H. G. (3) 1951-53; Weygandt, Cornelius, 1939; Weymouth, F. W. 1933; Weyrauch, Wolfgang (3) 1951-53;

Wharton, G. W. 1923; Whedon, Arthur D. (71) 1912-59; Wheeler, George C. 1927; Wheeler, W. M. (9) 1908-28; Wheeler, (Mrs.) William Morton (2) 1939; Whelan, Thos. 1919; Whipple, S. P. 1910; Whitehouse, Francis C. (17) 1939-56; Wickham, H. F. (8) 1889-1915; Wilbur, Paul, 1945; Wildman, Edw. E. 1940; Williams, Culver, 1939; Williams, Edwin B. 1939; Williams, Francis P. (3) 1937-46; Williams, Francis X. 1908; Williams, Joseph Leroy (32) 1938-44; Williams, Roswell C., Jr. (3) 1914; Williamson, E. B. (22) 1905-33; Williamson, G. D. W. (6) 1888-92; Williamson, Jesse H. 1935; Willistur ? G. W. 1913; Wilson, Charles B. (2) 1912-22; Wilson, Louise Palmer, 1940; Wilson, W. P. (5) 1894-1922; Wing, Merle, 1940; Winn, Albert (2) 1930; Wist, L. A. 1939; Wister, I. F. 1902; Wittycombe, C. L. (3) 1923-24;

Wolcott, George N. (3) 1948; Wolf, N. 1936; Wolle, Philip W. 1929; Wood, Casey A. (2) 1909; Woodruff, Lewis B. (11) 1908-16; Woodward, Laura Embree (3) 1902; Woolman, Anna, 1917; Wright, Duel, 1945; Wright, Mike (13) 1937-45; Wytzman, P. (6) 1902-07; Zalesky, George, 1933; Zebrowski, George, 1940; Zentmayer, Joseph, 1892; Zurkow, Robert, 1939.

ANSP. SPECIAL COMMITTEE REPORTS, 1813-1874. Documents and papers. 92 items.

For the many early committees appointed for specific tasks, documents and reports have been included for the years 1813-1874. The collection itself includes a committee book dated 1813-1825 in which are listed the committees appointed, and a digest of their reports. The second part of the collection includes also the actual papers from the committees with their reports and notations. In all, 91 committees have been mentioned by name. In the Academy minutes of January 27, 1857 is a list of committees of that time.

Archived from the Academy's vault.

\*Coll. 940

Signers:

## Coll. 940 (cont.)

Bache, Franklin (2) 1820-22; Bridges, Robert (7) 1841-63; Burrough, M. 1832; Carpenter, Geo. W. 1855; Carpenter, Samuel P. 1868; Cassin, John (3) 1853-63; Chaloner, A. D. (2) 1838-41; Collins, Zaccheus, 1817; Conrad, Solomon W. (2) 1827-28; Cooke, John, 1853; Dixon, Samuel G. n. d.; Dulles, Joseph H. (3) 1820; Durand, Elias (2) 1863; Fisher, James C. 1861; Fisher, Thomas, 1832; Foulke, Wm. Parker, 1855; Gibbons, Wm. P. 1840; Goddard, Paul B. (4) 1831-37; Griffiths, R. E. (4) 1822-23;

Haines, Reuben (5) 1815-22; Hallowell, Edward, 1842; Harlan, R. 1830; Harris, Thomas, 1821; Hartshorne, J. 1838; Hays, Isaac (11) 1821-32; Hazard, Samuel (2) 1816-17; Hedelius, Charles, 1827; Jessup, A. E. (2) 1822-23; Johnson, Walter R. (2) 1828-35; Jones, Elijah, 1864; Jones, Thomas P. 1827; Keating, Wm. H. (4) 1822-23; Kenderdine, R. S. 1868; Konig, George A. n. d.; Lea, Isaac (7) 1820-54; LeConte, John L. (7) 1853-60; Leidy, Joseph (9) 1853-63; Lesueur, C. A. 1824; Lewis, Henry Carvill, n. d.; Lukens, Isaiah (5) 1822-39; McEuen, Thos., Jr. (11) 1822-38; Maclure, Wm. 1817; McMurtrie, H. 1838; Meigs, Charles D. 1853; Merrick, S. V. 1828; Mitchell, S. W. 1859; Monaghan, W. 1838; Morrison, John H. 1838; Morton, S. G. (10) 1828-39; Mutter, Thos. D. 1835;

Nuttall, Thos. (3) 1821-38; Ord, George (6) 1822-55; Patterson, R. M. 1822; Peale, Titian R. 1831; Pearsall, Robt. 1842; Peirce, Jacob (3) 1820-37; Peterson, Robert E. (3) 1835-37; Phillips, J. S. 1842; Pickering, Charles (5) 1830-33; Poulson, C. A. 1831; Powel, Samuel, 1860; Rand, Theodore D. n. d.; Randolph, Richard (2) 1815-16; Roth, Joseph, 1816; Ruschenberger, W. S. W. (4) 1852-71;

Say, Thomas (6) 1815-24; Scull, G. D. 1860; Sergeant, J. D. 1859; Sharp, Benj. n. d.; Smith, Aubrey H. 1859; Smith, Charles E. 1864; Smith, Uselma C. n. d.; Spackman, Geo. 1848; Steinhauer, Daniel, 1831; Stewardson, Thos. 1861; Strickland, Wm. 1815; Thompson, Merrihew, 1848; Townsend, John K. 1838; Trautwine, John C. 1864; Troost, Gerard (2) 1822-23; Tryon, Geo. W., Jr. (2) 1868-71; Vanuxem, Lardner, n. d.; Vaux, Roberts, 1827; Vaux, Wm. S. (6) 1838-59; Walmsley, Wm. Mason, 1826; Warder, W. S. (2) 1822-23; Wetherill, John P. (7) 1824-39; Wilcocks, Alex, 1864; Williams, Henry I. 1827; Wilson, Thomas B. 1853; Zantzinger, Wm. S. (4) 1846-55.

PETIVER, JAMES, 1658-1718. Illustrations of insects, 1695-1718?. 226 items.

Apothecary, artist and naturalist, Petiver was adept in describing, cataloging and illustrating natural history material. This he secured by correspondence with other naturalists over the world. He extended his opportunities and interests through friendships with John Ray, Dr. Lister and Sir Hans Sloane. His catalogs contained thousands of figures of natural history objects attributed to his hand. Usually, as in his published Gazophyllicum Naturae et Artis, he gave a brief description of species portrayed, with credit to the collectors and with place of collection.

The original watercolors in this scrapbook are beautifully mounted, the figures done on smaller pieces of paper - some on vellum. The unidentified, unsigned examples have been attributed to Petiver by the London book dealer who offered the volume for sale. Additional artists' signatures include: G. D. Ehret, Marshall, Thomas Robins and P. Withoos.

The volume was presented to the American Entomological Society by Roswell C. Williams, Jr. in 1928. He is believed to have bought it from a London dealer, while visiting in England. \*Coll. 941

GIBSON, PROF. Transfer portraits of Lepidoptera, 1834? 1 item.

This Prof. Gibson<sup>†</sup> has not been further identified. This volume of reproductions of Lepidoptera contains 43 pages, with 117 transfers. The scales from the wings of the insects are transferred to the paper, while the abdomens, heads and antennae are all painted in watercolor. In many cases the views of the "Back" and "Front" of the insect are shown side by side. Many are badly faded, but all seem to be of American species.

A note on front cover in Thomas Say's hand states: "Presented by Prof. Gibson to Thomas Say", which dates it before Say's death in 1834. A presentation letter signed by Mrs. Lucy W. Say, addressed to the American Entomological Society, dated June 30, 1877, is tipped in. Coll. 942

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<sup>†</sup>A Prof. John Banister Gibson, 1780-1853, was on the teaching staff at the University of Pennsylvania, but information about him, shows only a geological and paleontological interest. He was a member of the 1st Geological State Survey of Pennsylvania in 1836 when Benjamin Say (father to Thomas) was chairman.

RIPPON, ROBERT H. F. Illustrations of Coleoptera, 1868 ? 923 figures.

Small pen and ink drawings, some pencil shaded, a few colored; drawn on slips of transparent buff paper. Pasted on pages of notebooks, the sheets of which are watermarked, in some cases, with the date of 1868. The drawings are numbered and labeled with their scientific names, but the arrangement in the volumes is not by number, but rather by geographical locality. In some cases bibliographical references are written on the slips. Where checked, it was found that the figures are direct tracings of published illustrations. Others may be original. There are in the 3 volumes, 251, 110 and 562 drawings respectively. First volume is labeled "Coleoptera Australia", but contains beetles from other areas; the second is "Coleoptera Polynesia" in the broad sense; and the last volume is marked "Coleoptera Malayana", and has many far distant areas included, such as the Americas.

Bequest of George H. Horn, 1897.

Coll. 943

MENKE, CHARLES THEODORE, 1791-1861. Notes, n. d. 1 item.

Various notes, perhaps corrections, on small sheet pasted in front of Pierre Denys de Montfort's *Histoire naturelle . . . des mollusques . . .* Paris, 1802, v. 3. Handwriting identified by comparison with the signature on flyleaf of v. 1 & v. 3 of the above-mentioned work, indicating that the book once belonged to C. T. Menke.

Coll. 944

TORRE, CARLOS de la, 1858-1950. Papers, 1928-29. 3 items.

"Don Carlos" was a resident of Havana, Cuba, active in politics and a general naturalist, with perhaps a special interest in shells.

In this collection are two letters in Spanish of twelve and nineteen pages which are devoted largely to systematic discussions of shells. Also a list of shells sent to H. A. Pilsbry, Jan., 1929 is noted.

Gift, with Pilsbry's papers.

Coll. 945

HANNIBAL, HAROLD. Papers, 1910-20. 2 items.

Collection consists of a letter discussing West American *Physas*, and an unpublished paper on West Coast river limpets and bubbles, both by Hannibal of Stanford University.

Deposited by H. A. Pilsbry.

Coll. 946

RUEDEMANN, RUDOLF, 1864- The phylogeny of the Cirripedia, 1925 ?.  
Typescript. 1 item.

Paleontologist with the N. Y. State Geological Survey and an authority on the Graptolites, writes this twenty-three page paper on barnacles, in which the author protests the criticism by T. H. Withers of a paper on the subject by John H. Clarke.

Deposited with Pilsbry's papers.

Coll. 947

HORN, GEORGE HENRY, 1840-1897. Papers, 1881-98. 42 items.

George H. Horn, practicing physician, army surgeon and distinguished Coleopterist was closely associated with both the Academy and the Entomological Society. He became president of the latter and made important bequests to it of study collections and funds.

This collection contains a biography of Horn, biographical notes, a copy of part of his will, a 144-page paper on Coleoptera, correspondence, and 12 certificates of memberships and honors in various societies. Coll. 948

Signers:

Calvert, P. P. n. d.; Champion, G. C. 1895; Cresson, Ezra T. 1899; Haehnlén, Walter L. (2) 1898; Haehnlén, Marie E. (4) 1894-98; Henshaw, Samuel (3) 1898; Hill, John E. (2) 1898; Sharp, D. 1898.

AMERICAN ENTOMOLOGICAL SOCIETY. TEXAS LANDS. Papers, 1895-1921. 311 items.

In 1897 Mrs. Francis A. W. Shimer bequeathed to the American Entomological Society about 1,200 acres of land in Swisher County, Texas, in accordance with a wish of her late husband, Henry Shimer, a former member of the Society. This collection contains material dealing with this transaction, including ultimate sale of the land by the Society, the proceeds of which were added to their library fund. There are wills, deeds, agreements and extensive correspondence between officers of the Society—particularly E. T. Cresson and Philip P. Calvert—and attorneys and executors of the estate.

Archived from Department of insects in 1959.

Coll. 949

VIERECK, HENRY LORENZ, 1881-1931. Personal papers, 1901-27. 371 items.

Biographical papers, social engagements, personal business and correspondence are here included. They range from club and society memberships, social events, Christmas lists, correspondence with family and friends, likenesses, real estate holdings, insurance, income tax. The family letters come from his sister Amelia, a cousin, Mrs. Kate Bouldin, his stepson Pearce Davis, his stepdaughter, Haroldine Davis, brother-in-law and wife Charles Crawford, brother-in-law and sister Sophie, Mr. and Mrs. Edward Poeter, another cousin, Mathilde Oetzel, Mrs. Viereck his wife, and a brother William Viereck.

Bequeathed to the Academy and deposited in the Department of Insects before his death.

\*Coll. 950

VIERECK, HENRY LORENZ, 1881-1931. Andrena, plates and text for paper, 1923. 56 items.

While employed by the Canadian government, Viereck was engaged in a monographic work on the genus of bees, Andrena, and in 1923 employed A. J. Engel Terzi to draft illustrations of various species found in the British Museum (Nat. Hist.). About the same time, John R. Malloch of the U. S. National Museum staff in Washington, D. C. prepared a large number of similar drawings for the same work. In 1924 Viereck published his Prodromus of this work in the Canadian Entomologist, stating that many years would elapse before its publication would ensue. The monograph was never published.

Of the 52 plates, only two seem to have been done by Terzi, namely, the two identified by alphabetical designations to the figures, the others assigned to Malloch by Viereck's note on the package "Andrena. Drawings made by J. R. Malloch and Terzi for H. L. Viereck." Plate legends are in Viereck's hand.

Archived from the Department of Insects, 1960.

Coll. 952

MILLER, GERRIT SMITH, JR., 1869- Letters, 1892-1931. 156 items.

American mammalogist with early interests in taxonomy and geographic distribution, which broadened in later life to all phases of the science. He was a member of the U. S. Biological Survey and later Curator of mammals in the U. S. National Museum from 1909-1940. A bibliography of his published works contains about 400 titles. All letters in this collection are addressed to Witmer Stone, and deal almost exclusively with Mammalogy.

Gift of C. M. B. Cadwalader, 1939.

Coll. 953

MORGAN, JAMES. A brief biography of Charles von Linné, c 1770. 1 item.

This is to be found in the front of Linné's Species Plantarum, 1753, vol. 1 (QK91 S61, 1753). The Linné volume which came to us in 1907 from the Rev. A. Boutlou carries the autograph of John Jenys, 1761 as owner. Later, on the title-page is written the name of the next owner, that is, James Morgan, 1768. This penmanship of Morgan's name matches that of the biography preceding. On the verso of the title-page is another owner's name, James Pippot, dated September, 1797. The volume also carries the bookplate stamp of the Rev. A. Boutlou, but without date.

Coll. 954

COMSTOCK, MRS. ANNA (Botsford), 1854-1930. Artist's proof of wood engraving, 1894? 1 item.

Entomological illustrator and nature study teacher, Mrs. Comstock worked with her husband through her life. This engraving on wood, of six moths, Alsophila pometaria, Cingilia caternaria, Dyspteris abortivaria, Lagoa crispata, Nepytia semiclusaria and Portheria dispar, while here shown as figures on a single plate, were published as individual text figures. Originally, they appeared in, "A manual for the Study of Insects" by John Henry Comstock and Anna Botsford Comstock, in 1895.

Presented by Prof. and Mrs. E. L. Palmer, of Cornell University, in 1959, as recognition of the observance of the American Entomological Society's 100th Anniversary. The publisher's remainders, and papers concerned with natural history, of the Comstock Publishing Company of Ithaca, New York, were purchased by the Palmers after the death of Mrs. Comstock and preserved by them. Coll. 955

RIDINGS, JAMES, 1803-1880. Insect collecting journal, 1849-62. 1 item.

American naturalist, founder-member of the Entomological Society of Philadelphia and active in it until his death. Curator of the Society's Cabinet, but gave his personal collections to younger workers. The journal gives localities in Pennsylvania and New Jersey with ecological notes. Most of the collecting was done in 1849. A few pages devoted to addresses and expenses, with six medical prescriptions at end. A bound volume of 120 pages. Presented to E. T. Cresson, Jr., 1948 by Herbert Archdeacon, a grandson of Ridings. Donated by Cresson and later archived with the American Entomological Society's papers. Coll. 956

ENTOMOLOGICAL SOCIETY OF PHILADELPHIA, 1859-1867. Papers, 1858-67. 191 items.

The initiating group of three, i. e. E. T. Cresson, Sr., James Ridings and George Newman called an organization meeting, the pledge being signed by the 15 persons present (with four others added later) on February 22, 1859, as founders. On February 11, 1867 the name was unanimously changed to the American Entomological Society, because it was the only society in the U. S. devoted entirely to this subject.

The historic papers for this period were archived from various sources.  
Signers: \*Coll. 957

Aaron, Charles E. 1860; Abbott, Charles F. (3) 1862; Akhurst, John, 1860; Ashton, T. B. (3) 1859-63; Baird, Spencer F. (2) 1859-60; Biddle, Craig (2) 1862; Blake, Charles A. 1864; Bland, James H. B. (14) 1859-62; Breed, William P. 1862; Cox, Thomas (2) 1859-60; Cresson, Ezra T., Sr. (19) 1859-63; Dinwiddle, Robert, 1861; Dowling, J. D. 1862; Evett, William (9) 1861-62; Gundlach, John, 1864; Haldeman, S. S. 1864; Hays, W. W. (3) 1862; Henry, Joseph, 1860; Jack, Robert (2) 1859-62; Knight, J. Frank; LeConte, John L. (6) 1860-62;

## Coll. 957 (cont.)

Newman, George (20) 1859-62; Pearsall, John, 1862; Poey, Felipe, 1866; Ridings, James (4) 1859-63; Ridings, James H. 1863; Schrickel, Th. 1861; Uhler, John C. 1860; Ward, Townsend (2) 1862; Wilson, Thomas B. (6) 1859-64; Wilson, William S. (2) 1863; Wilt, Charles (6) 1859-62; Wingate, John (5) 1862-63; Wood, W. H. 1860; Wood, William S. 1858.

BOLL, JACOB, 1828-1880. Papers, 1872-74. 3 items.

Swiss-American naturalist and entomologist, friend of Louis Agassiz, and once curator in the Museum of Comparative Zoology, Boll's collections, from Texas, in all fields of natural history are of the greatest importance. His work began there in 1869.

These papers include a letter to Isaac Lea, dated at Dallas, 1874; a list of the Hymenoptera collected by Boll in Texas, which are in the possession of the Museum of Comparative Zoology, duplicates of which were exchanged with the American Entomological Society, and an accompanying letter from H. A. Hagen, 1872, giving details and general information about the Hymenoptera and the list. The latter was copied from Boll's list, which Hagen stated had not been written in the field, but long afterward when Boll was in Cambridge.

Gift, archived in 1960.

Coll. 958

BELL, ERNEST L. n. d. Papers, 1923-39. 449 items.

Collector, living in Flushing, New York, who exchanged and purchased specimens of Lepidoptera. Some lists are from W. T. M. Forbes and P. P. Babi giving collection data from the Guianas and West Indies. A paper written by R. C. Williams and E. L. Bell in typescript accompanies the lists. Letters written by Bell to R. C. Williams make up the major part of the collection, that is 328 items. Estimating that 100 answers by Williams are included, the total is only about 100 more than the letters written by Bell.

Deposited by the American Entomological Society with its library.

\*Coll. 959

DUNNING, STEWART N. Papers, 1894-1907. 8 items.

Connecticut attorney and amateur entomologist specializing in Hymenoptera and Lepidoptera. Collection consists of five letters asking for identifications of Hymenoptera, offering insects for sale, then donating his collection to the Society and finally writing to offer his field notebook, and three lists. The latter are (a) American Lepidoptera for sale, 1895. (b) Foreign Lepidoptera for sale, (c) List of Hymenoptera, nos. 1001-1482, given to the American Entomological Society, with notes of collecting dates, localities and ecological information, 1897-1899.

Archived with the Society's papers, 1960.

Coll. 960

FALL, HENRY CLINTON, 1862-1939. Papers, 1883-1932. 88 items.

Teacher and layman entomologist, Fall collected intensively in the orders Coleoptera and Lepidoptera and by exchange of specimens finally amassed one of the best private collections of beetles. This collection included over a thousand new species. With his correspondence and notebooks, it was bequeathed to the Museum of Comparative Zoology at Harvard. Our manuscript material includes two lists of his correspondents to whom reprints were mailed, one dated 1905 the other 1913; and five other lists which refer to insects, namely (1) Coleoptera collected by Viereck in New Mexico, 1906 (2) Types of Rhyncophora in his private collection, 1913 (3) Desiderata of H. C. Fall, following the list of Smith, Lepidoptera listed by name (4) List similar to the foregoing but mentioned by number only, 1913 (5) List of Arctiidae and Noctuidae possessed by Fall. Eighty letters close the series and deal with matters pertaining to the collection, the exchange and published descriptions of Coleoptera and Lepidoptera.

Archived from the Department of Insects, 1948 and 1960. Coll. 961

NORTON, EDWARD, 1823-1894. Papers, 1863-72. 12 items.

Businessman, agriculturist, cattle breeder and amateur entomologist, Norton's special interest lay in the study of Hymenoptera, especially the ants. Elected a member of the Entomological Society of Philadelphia in 1861, for years he corresponded with Ezra T. Cresson, Sr. about collecting, exchanging and identifying Hymenoptera. The five lists included in these papers record (1) Abbreviations for the collecting localities for his own cabinet (2) Similar abbreviations for Smithsonian localities (3) List of European Ichneumonidae, etc. in the collection of E. Norton from C. Drewsen, Copenhagen (4) List of English Hymenoptera sent to E. T. Cresson and (5) One entitled: Labrador. W. C. L. The last three are attached to Norton's letter of March 13, 1868. A typescript biography and eulogy, by the Rev. George Clark, 1894, concludes the series.

Archived from the Society's papers in the Department of Insects, 1960. Coll. 962

PROVANCHER, LEON A., 1820-1892. Papers, 1876-82. 6 items.

The Abbé Provancher served a lifetime as a priest in Quebec. His interest in natural history ranged so widely as to warrant his biographer's designation of the "Linnaeus of Canada." Retired from his church duties in 1869 to devote the rest of his life to his unfinished works in the natural sciences. He founded the periodical Naturaliste Canadien and filled its first pages with his own writings. The three letters in this collection were all dated in 1879 at his home in Cap Rouge, Quebec. The lists (1) Ichneumonoides de Quebec, species numbered 1-387, 1876 (2) Hymenoptera named by L. Provancher, and (3) Hymenoptera sent to Mr. Cresson by Provancher, 1882, are records of exchanges of museum materials with the American Entomological Society.

Archived in 1960. Coll. 963

EDWARDS, WILLIAM HENRY, 1822-1900. Papers, 1868-74. 90 items.

Traveler, lawyer and naturalist, Edwards became a correspondent of the Entomological Society of Philadelphia in August, 1859, only six months after it was founded. His address at that time was given as Coalburgh, West Virginia and apparently he lived there until he died. He published a record of a voyage up the river Amazon in 1847, and in 1900 the results of an inquiry into the correct spelling of the word Shakespeare. His monumental work, however, was a three volume quarto edition of The Butterflies of North America. The first series, or actually volume 1, was published by the American Entomological Society in 1868. The papers here assembled pertain to the business of the publication of that volume. They include cancelled checks, receipts, letters, accounts and a list of subscribers to the publication.

Archived with material from the Department of Insects in 1960.

Signers:

\*Coll. 964

Bowen, L. (2) 1871-73; Edwards, W. H. (8) 1868-74; Gilkison, Anthony (3) 1870-72; Houghton, H. O. (2) 1872-74; Kohl, W. H. 1871; Leslie, P. (3) 1871; Moschler, H. B. 1871; Peart, Mary (4) 1871-72; Ridings, James, 1871; Weise, A. L. 1872.

CALVERT, PHILIP POWELL, 1871-1961. Letter books, 1899-1912. 2 items.

While some letters are preserved here, most of the pages are given over to copies of the author's final drafts of papers for publication. The two volumes are not indexed.

Gift of Mrs. Calvert, 1961.

Coll. 965

CALVERT, PHILIP POWELL, 1871-1961. Annotations on the Odonata, 1901-08. 1 item.

As a result of his stay in Europe, where he became acquainted with many of the principals in this great publication Biologia Centrali Americana, Calvert was invited to write the Odonata volume of the division of insects. He arranged to take specimens in lieu of other payment for his writing and thus greatly enlarged his personal cabinet, which was later bequeathed to the Academy of Natural Sciences. The correspondence about the conditions, is interfiled by author in Coll. 939. The notes are made in his autographed letterpress copy of the volume on Odonata above cited.

Gift of the author, 1961.

Coll. 966

TRISTAN, JOSÉ FIDEL, 1874-1932. Irazu volcanic eruptions, 1917-18. 1 item.

This scrapbook was prepared from photographs by various Costa Ricans and presented to P. P. Calvert, November 1918 by José M. Tristan, whose presentation letter is included. News clippings from Costa Rican newspapers and a few American papers have been pasted in. Photographs are by J. Fidel Tristan,† José M. Tristan and Ricardo Fernandez Peralta. Some were presented later by Mr. and Mrs. J. B. Clark. This Sr. Tristan was named "Professor" and "Director del Colegio de Señoritas" in 1930 and became Director of the National Museum at San José, Costa Rica. Entomologists know him as a student of Libellulidae.

Gift to Calvert and bequeathed to the Academy in 1961.

Coll. 967

McATEE, WALDO LEE, 1883-1962. Letters, 1911-36. 257 items.

Naturalist, with activities in applied ornithology, systematic entomology, ichthyology and life histories of Urodela, McAtee developed a great interest in the local names of birds and plants, selection theories and conservation. He was prominent in the affairs of the American Ornithologists' Union acting as its treasurer from 1920-38.

It was during this period that most of these letters were addressed to Witmer Stone and concerned the many fields of interest cited above. His communications serve to accent the financial affairs of The Auk and his connection as reviewer of ornithological literature in that periodical.

Gift of C. M. B. Cadwalader, as a part of W. Stone's papers, 1939.

Coll. 968

MOSBY, HENRY SACKETT, 1913- The Wild Turkey of the United States, 1937. 1 item.

With fundamental interests in forestry, wild life and game management, he received his PhD. at Michigan University in 1941. Served with Department of Biology, Virginia Wildlife Research Unit.

This bound photographic copy of his unpublished typewritten master's thesis contains 147 numbered sheets, including 20 figures made up of 6 photos, 4 maps and 10 diagrams.

Transcribed from the original owned by Richard Gerstel, of the Pennsylvania Game Commission, and presented by C. M. B. Cadwalader, August, 1942.

Coll. 969

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†Who made a speciality of volcanic photography. His pictures, published in Pittier's account of the Cartaga eruption in National Geographic, 1910.

NOLAN, EDWARD JAMES, 1846-1921. Reminiscences of the Academy of Natural Sciences by the Recording Secretary, 1912. 1 item.

These remarks include much biographical information of Nolan, history of the Academy and especially of the Library, and his impressions of colleagues from 1862 to date. It is a scholarly and impressive document which has been only summarized in the printed Proceedings of the Centenary Celebration. The actual pages in the commemorative volume of Coll. 431 are xxii A to Y inclusive. Coll. 970