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#### *About the Institute*

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

Supplementary Reading List  
arranged by topical emphasis

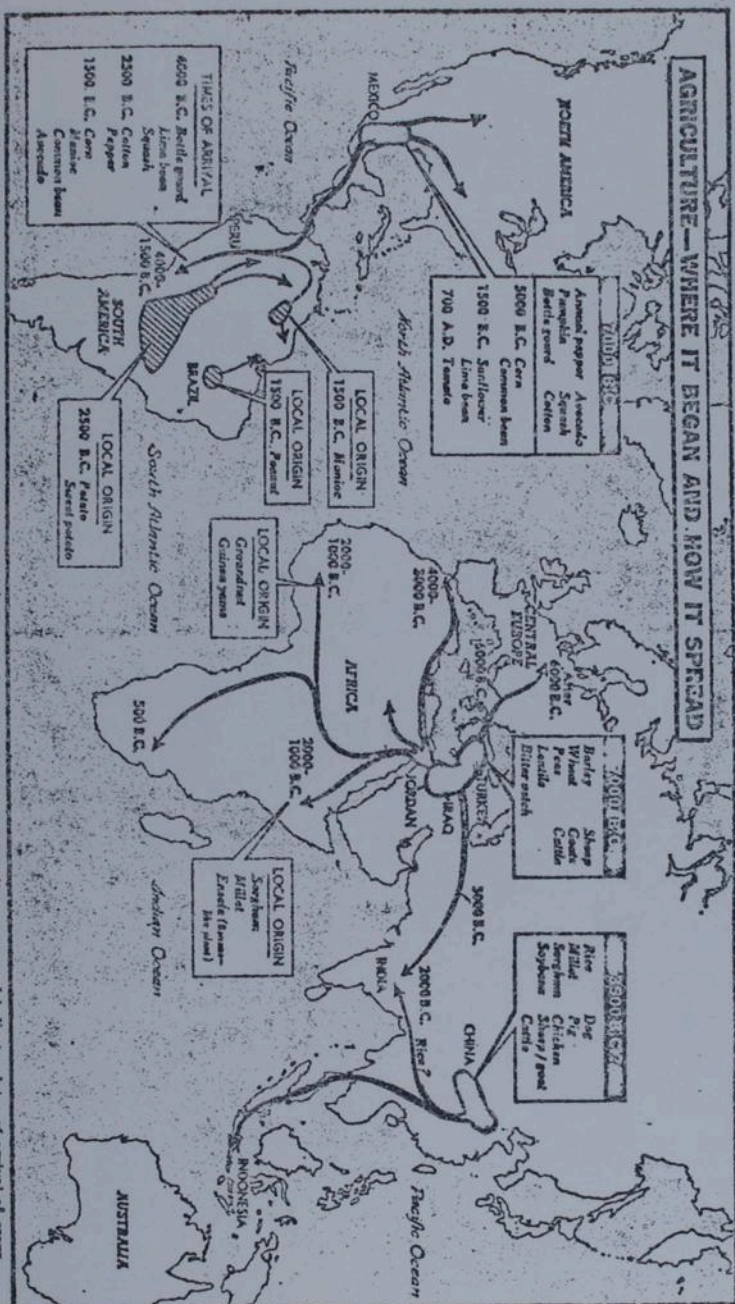
- I. General references for several subjects:
- Asimov, Isaac. A Short History of Biology. Doubleday, Garden City, N.Y. 1964.
- Beveridge, W. I. B. Art of Scientific Investigation. ed. 3. N.Y. 1957
- Bodenheimer, F. S. History of Biology. W. Dawson & Sons, London. 1958.
- Brock, Thomas, editor. Milestones in microbiology. Prentice Hall, Englewood Cliffs, N.J. 1961.
- Bulloch, W. The History of bacteriology. Oxford Univ Press, London. 1960.
- Clendening, Logan. Source book of medical history. H. Schuman, N.Y. 1942.  
reprinted by Dover, N.Y. 1960.
- Cole, Frances Joseph. History of protozoology. Univ London Press, London, 1926.
- \_\_\_\_\_. A History of comparative anatomy; from Aristotle to the Eighteenth century. Macm. London, 1949.
- Dawes, Ben. A Hundred years of biology. Duckworth, London. 1952.
- Eales, Nellie B. The Cole Library of Early Medicine and Zoology. Catalogue of Books and pamphlets. Part I. 1472-1800. Alden Press for Univ Reading 1969.
- Flood, W. E. Scientific words. Their structure and meaning. Duell, Sloan & Pearce, N.Y. 1960.
- Dobson, Jessie. Anatomical Eponyms. Being a biographical dictionary of those anatomists whose names have become incorporated into anatomical nomenclature, with definitions of the structures to which their names have been attached and references to the works in which they are described. ed. 2. E. & S. Livingstone, Edinburgh & London, 1962.
- Foster, W. D. A History of parasitology. E. & S. Livingstone, Edinburgh & London. 1965.
- Gabriel, Mordecai L. and Seymour Fogal. Great experiments in biology. Prentice-Hall, Englewood Cliffs, N.J. 1955.
- Garrison, Fielding H. An Introduction to the history of medicine with medical chronology; suggestions for study and bibliographic data. ed. 4. Saunders, Phila. 1929.
- Hall, Thomas S. A Source book in animal biology. McGraw-Hill, N.Y. 1951.  
reprinted by Hafner, N.Y. 1964.
- Horblit, Harrison D. One Hundred Books Famous in Science. Grolier Club, N.Y. 1964.  
with 220 illus. mostly of title pages in actual size of originals.
- Jennison, George. Noah's Cargo. London, 1928.  
Useful as a clue book to other more scholarly works.
- Ley, Willy. Days of Creation. N.Y. 1941.
- \_\_\_\_\_. Dracons in amber. N.Y. 1951.  
Popular; better check the more amazing stories.
- Long, Esmond R. History of pathology. Dover, N.Y. 1965
- Mazzeo, Joseph Anthony. The Design of Life. Major themes in the development of biological thought. N.Y. 1967.
- Meyer, Arthur William. The Rise of embryology. Stanford Univ Press. 1939.
- Morton, Leslie T. A Medical Bibliography (Garrison and Morton). An annotated checklist of texts illustrating the history of medicine. ed. 3. Phila., Lippincott. 1970.
- Needham, Joseph. A History of embryology. ed. 2. Abelard-Schuman, N.Y. 1959.
- Nissen, C&Auns. Die zoologische Buchillustration. Ihre Bibliographie und Geschichte. Anton Hiersemann, Stuttgart. 1969.  
Band I (Lieferungen I-VIII) published, Band II to follow.
- Hook, Arthur, editor. Origins and Growth of Biology. Penguin Books, Pelican A 536, Aylesbury, England. Based on G. Schwartz and P. W. Bishop, Moments of Discovery.
- Rostand, Jean. Error and Deception in Science. N.Y. 1960.
- Sachs, Julius von. History of Botany (1530-1860). Clarendon Press, Oxford. 1890.  
transl. of German ed., 1875, by H.E.F. Garsney, revised by I.B. Balfour.

Selected References on the History of Gardening

- Clifford, Derek. 1966. A History of Garden Design. New York: Frederick A. Praeger. 352 p.
- Rbhde, Eleanor S. 1932. The Story of the Garden. London: Medici Society. 326 p.
- Wethered, H. N. 1933. A Short History of Gardens. London: Methuen. 323 p.
- Wright, Richardson. 1934. The Story of Gardening, from the Hanging Gardens of Babylon to the Hanging Gardens of New York. London: George Routledge & Sons. 475 p.

Selected References on the Prehistory of Biology

- Baumann, Hans. 1962. The Caves of the Grwat Hunters. Rev. ed. Trans. Isabel and Florence McHugh. New York: Pantheon. 184 p.
- Dembeck, Hermann. 1966. Animals and Men. Trans. Richard & Clara Winston. London: Nelson. 390 p.
- Dimbleby, Geoffrey. 1967. Plants and Archeology. London: John Baker. 187 p.
- Flannery, Kent V. 1965. The ecology of early food production in Mesopotamia. Science 147: 1247-1256.
- Harris, David R. 1967. New light on plant domestication and the origins of agriculture: a review. Geog. Rev. 57: 90-107.
- Helbaek, Hans. 1959. Domestication of food plants in the old world. Science 130: 365-372.
- Isaac, Erich. 1962. On the domestication of cattle. Science 137: 195-204.
- MacNeish, Richard S. 1964. Ancient Mesoamerican civilization. Science 143: 531-537.
- Moldenke, Harold N. and Alma L. Moldenke. 1952. Plants of the Bible. New York: Ronald Press. 328 p.
- Waterbolk, H. T. 1968. Food production in prehistoric Europe. Science 162: 1093-1102.
- Zeuner, F. E. 1963. A History of Domesticated Animals. New York: Harper & Row. 560 p.



Selected Bibliography

Source Materials:

- Anderson, Paul K. 1966. The periodical literature of ecology. *BioScience* 16(11): 794-795.
- Barnhart, John Hendley. 1965. Bibliographical notes upon botanists; maintained in the New York Botanical Garden Library. Boston: G. K. Hall. 3 vol., 563; 549; 545 p.
- Barton, Mary Neill, assisted by Marion V. Bell. 1966. Reference books. A brief guide for students and other users of the library. 6th ed. Baltimore: Enoch Pratt Free Library. 145 p.
- Blake, S. F. 1961. Geographical guide to floras of the world. An annotated list with special reference to useful plants and common plant names. Part 2. (Western Europe). Washington, D. C.: Gov't Printing Office (U.S.D.A. Misc. Publ. 797). 742 p.
- \_\_\_\_\_ and Alice C. Atwood. 1942. Geographical guide to floras of the world. An annotated list with special reference to useful plants and common plant names. Part 1. (Africa, Australia, North America, South America, and Islands of the Atlantic, Pacific, and Indian Oceans). Washington, D.C.: Gov't. Printing Office (U.S.D.A. Misc. Publ. 401). 336 p.
- Blanchard, J. R. and H. Ostvold. 1958. The literature of agricultural research. Berkeley: Univ. Calif. Press. 231 p.
- Bottle, R. T. ed. 1969. The use of chemical literature. 2nd ed. London: Butterworths. 294 p.
- \_\_\_\_\_ and H. V. Wyatt. 1967. The use of biological literature. London: Butterworths. 286 p.
- Brown, Charles Harvey. 1956. Scientific serials. Characteristics and lists of most cited publications in mathematics, physics, chemistry, geology, physiology, botany, zoology, and entomology. Chicago: Assoc. Coll. and Ref. Libraries (ACRL Monograph No. 16). 189 p.
- Britten, James and George S. Boulger. 1931. A biographical index of deceased British and Irish botanists. 2nd ed., revised by A. B. Rendle. London: Taylor and Francis. 342 p.
- Bryant, Margaret S. 1951. Bibliographic style. A manual for use in the division of the library. U. S. Dept. of Agr. Bibliographic Bull. No. 16. Washington, D. C.: Gov't. Printing Office. 30 p.
- Carter, John. 1966. ABC for book-collectors. 4th ed. New York: Alfred A. Knopf. 208 p.
- Gates, Jean Key. 1962. Guide to the use of books and libraries. New York: McGraw-Hill. 230 p.
- Herner, Saul. 1969. A brief guide to sources of scientific and technical information. Washington, D. C.: Gov't. Printing Office. 114 p.

Biology 610 - History of Biology

SELECTED BIBLIOGRAPHY OF SECONDARY SOURCE BOOKS ON THE HISTORY OF BIOLOGY

Compiled by E. D. Rudolph

1971

An examination and analysis of these books should prove to be a useful introduction to the history of biology secondary source literature. Points to be noted for each work are: (when applicable)

1. Method of arrangement of materials (ex. chronologically, topically, biographically, etc.),
2. Scope of coverage (ex. time period, breadth, balance of fields, etc.),
3. Level of presentation (ex. general reader, college, research, etc.),
4. Amount of primary source material used or cited,
5. Extent of bibliography and/or footnotes, and
6. Usefulness in teaching (ex. illustrations, cited experiments, etc.).

- Adams, Alexander B. 1969. *Eternal Quest. The Story of Great Naturalists.* Putnam, New York.
- Arber, Agnes. 1938. *Herbals, their Origin and Evolution.* 2d ed. Cambridge University Press, London. (Reprinted Hafner, New York, 1970).
- Asimov, Isaac. 1964. *A Short History of Biology.* Doubleday, Garden City, New York.
- Ballauff, Theodor. 1954. *Die Wissenschaft vom Leben; eine Geschichte der Biologie.* K. Alber, Freiburg.
- Bodenheimer, Friedrich Simon. 1958. *History of Biology.* W. Dawson & Sons, London.
- Brock, Thomas ed. 1961. *Milestones in Microbiology.* Prentice-Hall, Englewood Cliffs, N. J.
- Bulloch, W. 1960. *The History of Bacteriology.* Oxford Univ. Press, London.
- Carlson, Elof Axel. 1966. *The Gene; a Critical History.* W. B. Saunders, Philadelphia and London.
- Caulery, Maurice. 1966. *A History of Biology.* Walker & Co, New York.
- Clendening, Logan. 1942. *Source Book of Medical History.* Henry Schuman, New York. (Reprinted Dover, New York, 1960).
- Cole, Frances Joseph. 1926. *The History of Protozoology.* University of London Press, London.
- \_\_\_\_\_. 1949. *A History of Comparative Anatomy; from Aristotle to the Eighteenth Century.* Macmillan, London.
- Crew, F. A. E. 1966. *The Foundations of Genetics.* Pergamon, Oxford.
- Dawes, Ben. 1952. *A Hundred Years of Biology.* Duckworth, London.

*Directory of published proceedings (Inter-Dak)*  
*Index translation (Unacc)*

THE OHIO STATE UNIVERSITY LIBRARIES

*National translation center (Chicago)*

BOTANY 810

A brief checklist of bibliographic sources discussed by Miss Erlandson in her lecture on March 11, 1965.

I. ORGANIZATION OF O.S.U. LIBRARIES

library handbook for undergraduate students. (Distributed)

Main Library:  
Ref. Desk

Outline of the Library of Congress classification.  
(See also p. 28 of undergraduate handbook)

Complete  
set beside  
Main Library  
Card Catalog

Library of Congress classification schedules.  
Class Q: Science (See outline distributed)  
Class S: Agriculture  
(SB: Plant culture and Horticulture;  
SD: Forestry)  
Class Z: Bibliography  
(25351-5360: Botany)

Main Library  
beside  
card catalog

Subject headings used in the dictionary catalogs of the Library of Congress.

II. MAJOR RESEARCH SOURCES IN BOTANY

Botany and  
Zoology  
Library

See "Selected list of reference materials on Botany in the B & Z Library" (distributed). List prepared by Mrs. Dorothy Schreck, Librarian, and Mrs. Alice Brunn, Reference Librarian, B & Z Library.

III. SUPPLEMENTARY MATERIALS IN THE MAIN LIBRARY

Note: The stack area of the Main Library has approximately 200 shelves of books and journals in the QK and QK\* sections. The list below does not include these; it emphasizes bibliographies and indexes.

1. Sources for information about books.

Ref:  
Bibliog.  
table(1949-date)

A. National bibliographies and library catalogs.

Cumulative index; world list of books in the English language.  
(Earlier volumes in Bibliography Room)

Ref:  
Bibliog.  
table  
(Current  
issues)

Publishers' trade list annual. (A bound collection of publishers' catalogs)  
Books in print; an author-title-series index to the Publishers' trade list annual.  
Subject guide to books in print; an index to the Publishers' trade list annual.  
Publishers' weekly.  
American book publishing record  
(Monthly subject index to Publishers' weekly)

*Indexing  
books in print*

THE OHIO STATE UNIVERSITY LIBRARIES  
BOTANY AND ZOOLOGY LIBRARY

A SELECTED LIST OF REFERENCE MATERIALS ON BOTANY IN  
THE BOTANY AND ZOOLOGY LIBRARY

BIBLIOGRAPHIES OF BIBLIOGRAPHIES

- QK 1 Bay, J. C. Bibliographies of Botany. In: *Progressus rei*  
A 84 *botanica*, vol. 3, 1910, pp. 331-456.  
vol. 3
- Z 5071 Blanchard, J. R. Literature of Agricultural Research. 1958.  
B 5 Section B is Plant Sciences, pp. 27-65.
- QK 93 Lawrence, G. H. M. Literature of taxonomic botany. In:  
L 3 Lawrence - Taxonomy of vascular plants, pp. 284-331.

GENERAL BIBLIOGRAPHIES

- Z 5358 Bibliography of Canadian plant geography. vol. 1-9.  
N 86 1920-1945.  
B 5
- X QK 1\* Bibliotheca Botanica. 1887-1941/52, 1958-1960.  
B 37
- QK 1 Botanical Abstracts. vol. 1-15, 1918-1926.  
B 715
- QK 52 Engler, A. Syllabus der Pflanzenfamilien.  
E 58 editions: 1904, 1912, 1936, 1954. +
- QK 97 Engler, A. and Prantl, K. Die natürlichen Pflanzen-  
N 28 familien. editions: 1887-1915 and 1924.
- QK 11\* Index Kewensis.  
I 38 basic set 1895 (covers Linnaeus - 1885)  
supplement 1901- (covers 1886 - date)
- QK 11\* Index londinensis.  
I 39 basic set 1929-31 (covers up to 1920)  
supplement 1941 (covers 1921-1935)

## WORK SHEET

## Annotated Bibliography of Revisionary Studies in Compositae

Date recorded \_\_\_\_\_ Worker \_\_\_\_\_ Code number \_\_\_\_\_  
 Genus (as used in revision) \_\_\_\_\_  
 Author(s) \_\_\_\_\_  
 Tribe \_\_\_\_\_ from paper \_\_\_\_\_ other source \_\_\_\_\_

## I. Type of Publication and Bibliographic Reference:

A. Book:

1. Author(s) \_\_\_\_\_
2. Date: title page: month \_\_\_\_\_ day \_\_\_\_\_ year \_\_\_\_\_  
 actual: month \_\_\_\_\_ day \_\_\_\_\_ year \_\_\_\_\_  
 how determined \_\_\_\_\_
3. Title \_\_\_\_\_  
 \_\_\_\_\_
4. Chapter: in: author(s) \_\_\_\_\_  
 title \_\_\_\_\_
5. Pages: chapter \_\_\_\_\_ entire book \_\_\_\_\_
6. Publisher \_\_\_\_\_
7. Place of publication: country \_\_\_\_\_ city \_\_\_\_\_
8. Where seen \_\_\_\_\_

B. Journal Article:

1. Author(s) \_\_\_\_\_
2. Date: journal: month \_\_\_\_\_ year \_\_\_\_\_ actual: month \_\_\_\_\_  
 day \_\_\_\_\_ year \_\_\_\_\_ how determined: cited in journal \_\_\_\_\_  
 other source \_\_\_\_\_
3. Title \_\_\_\_\_  
 \_\_\_\_\_
4. Journal: name \_\_\_\_\_  
 volume \_\_\_\_\_ number \_\_\_\_\_ pages \_\_\_\_\_
5. Where seen \_\_\_\_\_