

## Biology Pathfinder

The purpose of this pathfinder is to introduce some of the resources available in Houston Cole Library on **Biology**. The various types of library materials useful in research are described along with some examples of each type. This pathfinder is NOT a comprehensive listing of sources, but is intended to be a starting point from which patrons can begin their research according to their specific needs.

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BASIC INTRODUCTION OR OVERVIEW MATERIAL can be found in:

REF QH302.5F38: *World of Biology*

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SUBJECT HEADINGS can be identified by using the Library of Congress Subject Headings books located at the Information Desk on each floor. Books on BIOLOGY can be located in the Library Catalog by entering a subject search. Click on the "Author/Title/Subject/Call Number" search, select "Subject", type in the subject and press Enter.

Suggested subject headings for this topic are:  
Biology

Related headings include: Biochemistry, Botany, Ecology, Microbiology, Zoology

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To browse the book stacks, here are some Library of Congress call numbers on the 9th floor.

QH301-705 - General Biology  
QK - Botany  
QH540-549 - Ecology  
QR - Microbiology  
QL - Zoology

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## REFERENCE TOOLS

BIBLIOGRAPHIES -- list of books, periodical articles, and/or other materials by subject or author.

REF QH303.6.D38 1995: *Using the Biological Literature: a Practical Guide*

DICTIONARIES AND ENCYCLOPEDIAS -- provide definitions for useful terms, and an overview of topics.

REF QH 302.5 .E535x 2002: *Encyclopedia of Life Sciences*  
REF QH 302.5 .F38 1999; *Facts on File Dictionary of Biology*  
REF QH 302.5 .W67 1999: *World of Biology*  
REF QL701.G7913 1990: *Grzimek's Encyclopedia of Mammals*

HANDBOOKS AND MANUALS -- cover broad subjects in a brief, concise manner and may include odd bits of information about a variety of topics (They may also be referred to as a compendium).

REF QR81.A5 1994: *Bergeys's Manual of Determinative Bacteriology*  
REF QL673.H265 1992: *Handbook of the Birds of the World*  
REF QL82.B435 1998: *Beacham's Guide to International Endangered Species*  
REF QH345.H347: *Handbook of Biochemistry and Molecular Biology*  
REF QH427.R43 1998: *Genetics Manual*

GOVERNMENT PUBLICATIONS -- are primarily annual reports, studies, and statistics from the various departments and agencies of the government. They are cataloged and shelved like other books and microforms. (There is no separate collection of government publications in this library).

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## JOURNALS

JOURNALS held by the library can be identified by consulting the Library Catalog by searching under the journal name. Journal Titles on BIOLOGY can be located in the Library Catalog by clicking on "Author/Title/Subject/Call Number" search type. Then select "Journal Title," type in the title and press the enter key.

A few Journals which would report on this topic are:

Periodicals Q1.N2: *Nature*  
Periodicals Q1.N52: *New Scientist*  
Periodicals QH1.A277: *BioScience*  
Periodicals QH540.E3: *Ecology*  
Periodicals Q1.S35: *Science*  
Periodicals QK1.B3: *International Journal of Plant Science*  
Periodicals QL671.A82: *Audubon*

Use these Electronic Databases to locate JOURNAL ARTICLES and other papers on BIOLOGY: *Biological Sciences*, *Elsevier Science Direct*, or *General Science Abstracts*. Also, scan for biology related periodicals in the current periodical section on the 9th floor. To see if a journal is available electronically in full text format, use [Serials Solutions](#) from the link on the Library's home page to search or browse for the title. Tips on [finding research articles](#).

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## WEB SITES

Browse a list of [Biology related Web sites](#) selected by subject librarians at Houston Cole Library.

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**INTERLIBRARY LOAN services are available to graduate students and faculty. Please ask a librarian about these services.**

Subject(s):

Biology

Botany

Ecology

Zoology

02/01: PJBE