



Biology



BIOLOGY CALL NUMBERS:

To browse for books dealing with various aspects of biology, go to the following call number areas:

QH 301 – 705.5	Biology (General)
QH 359 - 425	Evolution
QH 426 - 470	Genetics
QH 471 – 489	Reproduction
QH 501 - 531	Life
QH 540 – 549.5	Ecology
QH 573 – 671	Cytology
QH 705 – 705.5	Economic biology



REFERENCE BOOKS:

Reference Books are useful for overviews of a topic. The information is concise, and often highlights specific aspects of a subject. Reference books must be used in the library; plan to take notes or photocopy the information. Be sure to use the indexes to locate specific names or topics.

<i>Synopsis and Classification of Living Organisms</i>	Ref QH 83 .S89 v. 1 - 2
<i>Facts on File Dictionary of Biology</i>	Ref QH 302.5 .F38 2005
<i>Encyclopedia of Bioethics</i>	Ref QH 332. .E52 2004 v. 1 - 4
<i>Encyclopedia of Genetics</i>	Ref QH 427 .E53 2004 v. 1 - 2
<i>Dictionary of Ecology and the Environment</i>	Ref QH 540.4 .C65 1998



CIRCULATING BOOKS

Circulating books can be checked out. They are found in the library's book stacks. Books develop a topic in detail. You can search the [Library Catalog](#) to find books on your subject. Try some of these words and phrases by doing a **Keyword** search or a **Subject** search:

Biology	Evolution
Ecology	Genetics
Reproduction	Physiology



DATABASES:

Magazine, newspaper and journal articles provide current information on your topic. The following are a sample of the many databases the library carries. Save yourself time; send articles to your e-mail account, and read them later. Search databases from home, or any “off campus” location. You will be asked to enter your name and seven-digit college ID number.

Academic Search Complete

The contents of thousands of magazines, academic journals and newspapers can be searched here. Use Advanced Search to narrow or broaden your search by combining words and phrases using Boolean operators like AND (to narrow) or OR (to broaden). For example, if you were researching the effects of caloric content on aging, you could create a search by typing *caloric content or calories* in the first search box and *aging* in the second box. Search results can be refined by using options from the left column such as Publication Date, or Scholarly Journals. The search results will be “updated” by eliminating articles that don’t meet your additional criteria. As you search, notice that useful links to web sites, news sites, and images may appear in the right hand column of the results screen. The contents of thousands of magazines, academic journals and newspapers can be searched.

Gale In Context: Environmental Studies

Articles from reference books, magazines, academic journals and more can be found here. For example, try a basic search using the search box at the top of the page. Type “evolution”, click “search”, and notice that below a description of the topic the results provides different content types such as, Academic Journals, Videos, Audio, News, Magazines and Websites. If you don’t find what you are looking for, try an “Advanced Search.” Use the pull down arrows on the search boxes to search your term as “keyword” or “subject”.

Gale Virtual Reference Library (Gale eBooks)

Articles from reference books covering a wide array of subjects. Includes encyclopedias and specialized resources. Choose a subject collection and search for your topic.

Green File

This database draws on the connections between the environment and a variety of disciplines such as agriculture, education, law, health and technology. Topics covered include global climate change, green building, pollution, sustainable agriculture, renewable energy, recycling, and more.



WEB SITES

Beware of the Web. Unless you are an expert on your topic or you are using Google Scholar, it may be difficult to find a reliable site using Google. The sites linked below were selected to help you find reliable material for your chemical studies.

<https://www.nsf.gov/dir/index.jsp?org=BIO>

National Science Foundation – Biological Sciences

<http://www.sciencedirect.com/topics>

Science Direct – topics and definitions

<http://www.loc.gov/rr/scitech/resources.html>

Library of Congress – Environment resources on the Internet

<http://www.ncbi.nlm.nih.gov/Structure/index.shtml>

National Center for Biotechnology Information (NCBI) Structure



ALWAYS REMEMBER TO ASK A LIBRARIAN IF YOU NEED HELP:

- In developing a search strategy appropriate to your assignment and thesis.
- To evaluate your sources and to suggest additional research options.
- For assistance with the [Works Cited](#) format.