



# Biological Sciences Library Resource Guide

## Finding Books

You can find books in [UT Library Catalog](#) (or the OhioLINK Library Catalog) using keywords for your topic or use the subject headings and related topics such as listed below. More help is available from the [UT Library Catalog Guide](#). Most books will be in the Call Number ranges of QH, QK, QL, QM, QP, and QR.

**biology**                      **cytology**                      **microbiology**                      **genetics**  
**molecular biology**                      **evolution**                      **(names of specific organisms, etc.)**

## Finding Articles

[Biological Abstracts](#) OhioLINK Research Database (1980-) Print version (1926-1979) in Science Indexes (Carlson 2<sup>nd</sup>) Also known as *BIOSIS*, this database contains abstracts to articles in over 5,500 life science journals. International in scope, it includes research in the fields of biology, botany, biochemistry, biotechnology, pharmacology and zoology. Updated weekly. For help in using this index, use the [OSearch Databases library guide](#).

### [PubMed](#) (1949-)

This database indexes the international journal literature on biomedicine. The references are found in approximately 3,900 medical journals published in the U.S. and abroad. The information is categorized by the National Library of Medicine subject headings (the list of subject headings is available on the first floor of Carlson Library). Doctors, medical researchers, and allied health professionals will find this database the most comprehensive source for medical information. Updated daily. For help in using this index, use the resources on the [Mulford Library PubMed page](#).

### [Agricola](#) OhioLINK Research Database (1970-)

*AGRICOLA* provides citations to journal articles, monographs, theses, patents, software, audio-visual materials, and technical reports. The records describe publications and resources encompassing all aspects of agriculture and allied disciplines including plant and animal sciences, forestry, entomology, soil and water resources, agricultural economics, etc. Produced by the U.S. Department of Agriculture's National Agricultural Library. For help in using this index, use the library guide titled [EBSCOhost Databases library guide](#).

### [Science Citation Index](#) OhioLINK Research Database (1980-)

The database indexes 5,700 major journals across 164 scientific disciplines. Some of the disciplines covered include: astronomy, biochemistry, biology, chemistry, materials science, mathematics, medicine, pharmacology, physics, plant sciences, and zoology. Use this database to trace research by a particular person or to discover articles that cite a particular person's work (cited author search). For help in using this index, use the library guide titled [Using ISI Citation Indexes](#).

## Definitions

*Oxford Reference: Biological Sciences* (OhioLINK Research Database)

*Henderson's Dictionary of Biological Terms*. 1995.

*Concise Encyclopedia: Biology*. 1996.

*Dictionary of Bioinformatics and Computational Biology*. 2004.

*The dictionary of Cell Biology*. 1995.

[On Campus, Off Campus](#)

Reference QH302.5 H65.

Reference QH302.5 A2313.

Reference QH324.2 D53.

Reference QH575 D52

## Standard Reference Sources

*Bergey's Manual of Systematic Bacteriology*. 2001. (also [Online](#))

*Five Kingdoms: An Illustrated Guide to the Phyla of Life on Earth*. 1998.

*Gray's Anatomy*. 1995.

Reference QR81 B46. (4 vol.)

Reference QH83 M36.

Reference QM23.2 G73.

## Background Information

The following are some of the subject-specific encyclopedias that can help you find basic information about a biological topic. They are all found on the first floor of Carlson Library.

<i>Encyclopedia of Human Biology</i> . 1997. 9 volumes.	Reference QP11 E53.
<i>Encyclopedia of Life Sciences</i> (online).	
<i>Encyclopedia of Microbiology</i> . 2000. 4 volumes.	Reference QR9.E53.
<i>Encyclopedia of Molecular Biology</i> . 1999. 4 volumes.	Reference QH506 E53.
<i>Magill's Encyclopedia of Science : Plant Life</i> . 2003. 4 volumes.	Reference QK7 .M34.
<i>Encyclopedia of Virology</i> . 1999. 3 volumes.	Reference QR358 E53.

## Internet Resources

Biology is a large discipline, so this list is not exhaustive. This list of Internet sources will help you get started. The organizations listed usually have their own pointers to useful web pages.

### University of Toledo Sites:

*Biological Sciences Department* <http://www.utoledo.edu/as/bio/index.html>

### Professional Societies:

*American Institute of Biological Sciences* <http://www.aibs.org/>  
*American Society of Parasitologists* <http://asp.unl.edu/>  
*Federation of American Societies for Experimental Biology* <http://www.faseb.org/>  
Includes: *American Physiological Society, American Society for Biochemistry & Molecular Biology, Biophysical Society, American Society of Human Genetics, Society for Developmental Biology*, and others.