

BIOLOGY

This is a guide to the Library's collection in Biology. It is not comprehensive, but rather provides a good starting point for research. From these sources, you may be able to locate other related works. Please don't hesitate to ask a librarian if you need further assistance.

Subject Headings:

Biology	Botany	Cells	Ecology
Evolution	Genetics	Life Sciences	Microbiology
Molecular Biology	Natural History	Zoology	

Call Numbers For Browsing:

QH 301-705	General Biology	QH 426-470	Genetics
QH 471-489	Reproduction	QH 501-531	Life
QH 1-278.5	Natural History	QH 573-671	Cytology
QH 705	Economic Biology	QK 1-989	Botany
QM 1-695	Human Anatomy	QL 1-991	Zoology
QR 1-500	Microbiology	QH 540-549	Ecology

Databases:

AP Science – Provides access to articles on earth, life, physical, medical, and applied sciences. Includes biology, chemistry, mathematics, astronomy, geology, air and space, psychology, forestry, botany, environmental studies, engineering, etc.

Science Index – Articles on science topics such as astronomy, atmospheric science, biology, chemistry, earth science, food and nutrition, genetics, health and medicine, mathematics, physics, physiology, zoology, and more. Many articles are full-text. The content in this database is also part of OmniFile Mega.

Biological and Agricultural Index – Articles on biological and agricultural topics such as agricultural chemicals, economics, engineering, and research, animal sciences, biotechnology, botany, ecology, environmental science, fishery sciences, forestry, genetics, microbiology, veterinary medicine, wildlife management, zoology, etc. Includes graphs, charts, diagrams, photographs, and illustrations.

InfoTrac Science – Includes millions of articles from over 1,600 magazines, journals and reference materials on all aspects of the sciences.

Academic OneFile – Comprehensive database with millions of articles from journals and other reference sources

General OneFile – A one-stop source for news and periodical articles on a wide range of topics; millions of full-text articles, many with images.

Anatomy.tv – A 3D interactive anatomy and pathology database that allows selection of a particular region of the body to study, such as head & neck, shoulder, spine, thorax & abdomen, pelvis & perineum, hand & forearm, hip, knee, foot, or functional anatomy module. Choose the layer level to view, from skeleton through the surface, including muscles, nerves, arteries and veins. Click on particular sections and read the accompanying descriptive text, as well as use the zoom, angle, and rotation features to better view the model.

Journals:

<i>Audubon</i>	<i>Biology Digest</i>	<i>Bioscience</i>
<i>E: The Environmental Magazine</i>	<i>Environment</i>	<i>Natural History</i>
<i>Perspectives in Biology and Medicine</i>	<i>Quarterly Review of Biology</i>	

Reference Books:

Dulbecco, Renato, ed. *Encyclopedia of Human Biology*. 2nd ed. San Diego: Academic, 1997. **Ref QP 11 .E53 1997 (9 Vols.)**

Lederberg, Joshua. *Encyclopedia of Microbiology*. San Diego: Academic, 1992. **Ref QR 9 .E53 1992 (4 Vols.)**

Lerner, K. Lee & Brenda Wilmoth Lerner, eds. *Gale Encyclopedia of Science*. 4th ed. Detroit: Thomson Gale, 2008.
Ref Q1 21 .G37 2008 (6 Vols.)

More Reference Books:

Magill's Survey of Science: Life Science Series. Pasadena, CA: Salem, 1991. **Ref QH 307.2 .M34 1991 (7 Vols.)**

McGraw-Hill Encyclopedia of Science and Technology. 9th ed. New York: McGraw-Hill, 2002.

Ref Q 121 .M3 2002 (20 Vols.)

Perry, James W. *Photo Atlas for Biology.* Belmont, CA: Wadsworth, 1996. **Ref QH 307.2 .P47 1996**

Tootill, Elizabeth, ed. *Facts on File Dictionary of Biology.* New York: Facts on File, 1988. **Ref QH 13 .F35 1988**

Videos:

Unseen Life on Earth: An Introduction to Microbiology

Dissected World of Biology

Classification of Living Things

Molecular Building Blocks of Life

Charles Darwin Explains the Diversity of Life

Planet Earth

Human Body

Evolution

Biomes

Biosphere

Francis Crick: Beyond the Double Helix

QR 56 .U5 (12 Tapes)

Popular QH 309 .D5 1996

QH 83 .C53 C537 2000

QH 506 .M67 1996 (6 Tapes)

QH 31.D2 C4 1994

QL 50 .P583 2007 DVD

QM 100 .H95 2001

QH 366.2 .E96 2001 (7 Tapes)

QH 541 .B57 2002 DVD (5 DVD's)

QH 311 .B5 1992

QH 506 .F735 1990

E-Books (Available Via NetLibrary and Knovel):

Ecological Indicators for the Nation

Molecular Biotechnology for Plant Food Production

Harmony and Conflict in the Living World

Biomolecular Self-Assembling Materials

Schaum's Outline of Theory and Problems of Biology

Reproduction in Context

From Genes to Cells

What Rot!

Creation/Evolution Controversy

Animal Evolution

Internet Sites:

Molecular and Cellular Biology

Yahoo Directory – Biology

National Museum of Natural History Homepage

EnviroLink Network

Journal of Cell Biology

Online Biology Book

Cell and Molecular Biology Online

Virtual Library – Developmental Biology

dmoz Open Directory – Biology

Department of Wildlife Ecology & Conservation

Ecology & Society (Online Journal)

Ecology WWW Page

Virtual Library of Botany/Plant Biology

Botanical Society of America

Microbiology & Bacteriology

Encyclopedia Smithsonian: Zoology

UCMP Glossary: Zoology

Todar's Online Book of Bacteriology

Microbiology & Immunology Online (U of SC)

<http://mcb.harvard.edu/BioLinks.html>

<http://dir.yahoo.com/science/biology>

<http://www.mnh.si.edu>

<http://envirolink.netforchange.com>

<http://www.jcb.org>

www.emc.maricopa.edu/faculty/farabee/BIOBK/BioBookTOC.html

<http://www.cellbio.com>

http://www.sdbonline.org/archive/Other/VL_DB.html

<http://dmoz.org/Science/Biology>

<http://www.wec.ufl.edu>

<http://www.ecologyandsociety.org>

<http://pbil.univ-lyon1.fr/Ecology/Ecology-WWW.html>

<http://www.ou.edu/cas/botany-micro/www-vl>

<http://www.botany.org>

<http://www.bact.wisc.edu:16080/Microtextbook/index.php>

www.si.edu/Encyclopedia_SI/Science_and_Technology/Zoology_Science.htm

http://www.ucmp.berkeley.edu/glossary/glossary_7.html

<http://www.textbookofbacteriology.net>

<http://pathmicro.med.sc.edu/book/welcome.htm>