



http://www.keystone.edu/Miller_Library

This subject guide will help you access some general Biology information on the Web and in the Miller Library. This guide will lead you to reference materials, books, journals, magazines, newspapers, associations, & internet resources available through the Library's holdings, services and databases. It will also direct you to on-line locations of full-text journals. Biology is a broad term covering life sciences, biomass, natural history, anatomy, evolution and more. This guide aims to help provide general information that will be helpful in the beginning stages of research. If you have a very specific topic in mind, consult more specific subject guides that more closely examine your chosen area.

Reference Books

- Encyclopedia of Bioethics* (1982)—REF 174.2 E56r
- The HarperCollins Dictionary of Biology* (1991)—REF 574.03 H165h
- Collins Dictionary of Biology* (1991)—REF 574.03 H165h
- McGraw-Hill Dictionary of Bioscience* (1997)
- Dictionary of Microbiology and Molecular* (2001)—REF 579.03 S617d
- The Cambridge Dictionary of Human Biology and Evolution* (2005)—REF 612 M217c 2005

Library of Congress Subject Headings

These subject headings may be used when searching for books and other materials related to Biology. They are most useful for searching online catalogs, but they can also be used in searching indexes and abstracts as well as the Internet.

Biology	NT Adaptation	Evolution (Biology)
BT Life sciences	Anatomy	Extinction (Biology)
RT Biomass	Biochemistry	Microbiology
Life (Biology)	Bioengineering	Reproduction
Natural History	Cells	Spontaneous generation

Some Call Numbers Related to Sports and Recreation

Sometimes, it is difficult to find relevant information through the online catalog. You may prefer to browse the shelves that contain materials related to your topic. The Miller Library uses the Dewey Decimal Classification System, so these are the areas in the collection you might like to browse.

570	Biology	572	Biochemistry
171.7	—ethical systems	333.95	Biodiversity
578.7	—specific environments	174.957	Bioethics
571.3	Anatomy	578.1	Reproduction

Indexes & Abstracts (Databases)

Information about Biology can be found in the indexes listed below. All of the indexes and abstracts listed below can be accessed through Miller Library's home page.

ArticleFirst [On Campus](#) [Off Campus](#)

ArticleFirst describes items listed on the table of contents page of individual issues of more than 13,000 journals.

BioMed Central [www](#)

An independent publishing house committed to providing immediate free access to peer-reviewed biomedical research, it offers original research in all biomedical fields - from basic life sciences to clinical medicine.

EBSCOhost [On Campus](#) [Off Campus](#)

Search multiple Ebsco databases at once

ERIC [via EBSCO] [On Campus](#) [Off Campus via the public library](#) [Need a card?](#)

EBSCO offers a more user-friendly interface to the largest source of education information with abstracts of documents and journal articles and limited full-text.

Expanded Academic ASAP [On Campus](#) [Off Campus](#)

General interest and scholarly resources across a variety of disciplines.

LexisNexis Academic  [On Campus](#) [Off Campus](#)

News, current events, business, medicine and law with access to news transcripts.

Legal Research-LexisNexis  [On Campus](#) [Off Campus](#)

Case law, statutes, law reviews, IRS regulations, court decisions and patents.

Medical-LexisNexis  [On Campus](#) [Off Campus](#)


Full-text and abstracted medical information.

MEDLINE [www](#)

Nearly eleven million records in the biomedical and life sciences.

NetLibrary  [On Campus](#) [Off Campus](#)

Access to digital versions of printed material such as books or journals, databases or any digital content. Available 24/7.

Proquest's PA Research I  [On Campus](#) [Off Campus](#)

Abstract and full-text database of general interest and scholarly resources.

PubMed [www](#)

Nearly eleven million records in the biomedical and life sciences.

Science.gov [www](#)

Selected science information from the U.S. Government.

ScienceDirect Health & Life Sciences  [On Campus](#) [Off Campus](#) [Help using this database](#)

Offers access to over 1000 of Elsevier's full-text, peer-reviewed journals in the Health & Life Sciences and abstract access to other Elsevier journals. Subject areas include medicine, nutrition, forestry, environmental science, biology, biochemistry, plant, water & soil science, neuroscience, immunology and others.

WorldCat  [On Campus](#) [Off Campus](#)

WorldCat contains more than 43 million items owned by libraries around the world. Materials covered in the catalog include: books, internet resources, films, journals, magazines, manuscripts, maps, musical scores, newspapers, slides, sound recordings, and videotapes. WorldCat does not include individual article titles or stories in journals, magazines, newspapers, or book chapters.

Websites

There are a number of sites on the web devoted to Biology. These are informative web sources but they are not meant to be comprehensive. However, some do provide links to other related sites.

[The Biology Project](http://www.biology.arizona.edu/)— <http://www.biology.arizona.edu/> >The Biology Project is an interactive online resource for learning biology developed at The University of Arizona. The Biology Project is fun, richly illustrated, and it has been designed for biology students at the college level.

[Biology-online.org](http://www.biology-online.org/)—<http://www.biology-online.org/>>This is a choice source for biology information, ideal for homework, research projects and general interests.

[Biological Resources Division - USGS](#)— The Biological Resource Discipline (BRD) provides the scientific understanding and technologies needed to support the sound management and conservation of our Nation's biological resources.

[VCU Libraries](http://www.library.vcu.edu/ejournals/)—<http://www.library.vcu.edu/ejournals/>>Use this database to find out if a specific magazine or journal is available online.

Relevant Journals—in the Miller Library

If you are searching for a particular journal, you may want to use the [Locate E-Journals](#) on the Miller Library's [main webpage](#) to determine which database offers full-text access to your chosen title, or you may elect to check the title lists of each database. The following are important journals which deal with **Biology**. The list provided here is not comprehensive:

BIOSCIENCE

PAPER: JAN 1964 TO APR. 1998

Full-Text in	Proquest 1988-/ Expanded Academic 1989-
Indexed in	Expanded Academic 1984-

JAMA

PAPER: OCT 1990 TO FEB 2006

MICROFILM: JAN 5, 1990 TO DEC 25, 1991

Full-Text in	N/A
Indexed in	Proquest 1986-

NEW SCIENTIST

PAPER: JUNE 1996 #2036 TO CURRENT

Full-Text in	Lexis Nexis 1994-
Indexed in	Proquest 1989-

NURSING TIMES

PAPER: SEPT 1996 TO CURRENT

Indexed in	http://www.nursingtimes.net/nursingtimes/pages/Home
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SCIENCE

PAPER: JAN 1975 TO CURRENT

MICROFILM: JAN 1960 TO DEC 1974

Full-Text in	Expanded Academic 1984-
Indexed in	Expanded Academic 1984-

SCIENCE NEWS

PAPER: JAN 1976 TO CURRENT

Full-Text in	Expanded Academic 1984-
Indexed in	Expanded Academic 1985-

**SCIENTIFIC AMERICAN
PAPER: JAN 1975 TO CURRENT
MICROFILM: 1950 TO 1974**

Full-Text in	N/A
Indexed in	Proquest 1986-

Addiction biology

Full-Text in	from 03/01/2004 to 1 year ago in Consumer Health Complete
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American biology teacher

Full-Text in	from 01/01/2000 to present in ProQuest Research Library
Full-Text in	from 01/01/2007 to present in Expanded Academic ASAP

Biology and Crime

Full-Text in	in LexisNexis Academic
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Biology of reproduction

Full-Text in	from 04/01/1969 to 1 year ago in Freely Accessible Science Journals
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Biology of the cell

Full-Text in	from 1988 to 12/31/2004 in Freely Accessible Science Journals
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BMC chemical biology

Full-Text in	from 2001 to present in Freely Accessible Science Journals
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BMC developmental biology

Full-Text in	from 2001 to present in Freely Accessible Science Journals
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BMC evolutionary biology

Full-Text in	from 2001 to present in Freely Accessible Science Journals
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Cancer biology & therapy

Full-Text in	from 01/01/2002 to 1 year ago in Freely Accessible Science Journals
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Cell biology and toxicology

Full-Text in	from 01/01/1997 to 11/01/2006 in Expanded Academic ASAP
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BMC evolutionary biology

Full-Text in	from 2001 to present in Freely Accessible Science Journals
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Cell biology international

Full-Text in	from 01/01/1995 to present in ScienceDirect Health & Life Sciences College Edition
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Current opinion in cell biology

Full-Text in	from 01/01/1995 to present in ScienceDirect Health & Life Sciences College Edition
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Current opinion in cell biology

Full-Text in	from 01/01/1995 to present in ScienceDirect Health & Life Sciences College Edition
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Current opinion in chemical biology

Full-Text in	from 06/01/1997 to present in ScienceDirect Health & Life Sciences College Edition
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Current opinion in plant biology

Full-Text in	from 02/01/1998 to present in ScienceDirect Health & Life Sciences College Edition
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Developmental biology

Full-Text in	from 01/01/1995 to present in ScienceDirect Health & Life Sciences College Edition
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Economics and human biology

Full-Text in	from 01/01/2003 to present in ScienceDirect Health & Life Sciences College Edition
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Einstein journal of biology and medicine

Full-Text in	from 2003 to present in Freely Accessible Science Journals
Full-Text in	from 03/01/2004 to present in Consumer Health Complete

Gene therapy & molecular biology

Full-Text in	from 1998 to present in Freely Accessible Science Journals
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Genetics and molecular biology

Full-Text in	from 1998 to present in Freely Accessible Science Journals
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Human biology

Full-Text in	from 04/01/1993 to present in Expanded Academic ASAP
Full-Text in	from 02/01/1994 to present in ProQuest Research Library

International journal of biochemistry & cell biology

Full-Text in	from 01/01/1995 to present in ScienceDirect Health & Life Sciences College Edition
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International journal of radiation biology

Full-Text in	from 01/01/2004 to 1 year ago in Consumer Health Complete
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Journal of biology

Full-Text in	from 2002 to present in Freely Accessible Science Journals
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Journal of cell biology

Full-Text in	from 1962 to 6 months ago in Freely Accessible Science Journals
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Molecular biology

Full-Text in	from 11/01/2000 to 10/01/2006 in Expanded Academic ASAP
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Molecular biology and evolution

Full-Text in	from 01/01/2007 to 1 year ago in ProQuest Research Library
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Molecular cell biology research communications

Full-Text in	from 04/01/1999 to 11/30/2001 in ScienceDirect Health & Life Sciences College Edition
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