



Prescott Memorial Library
Louisiana Tech University

Developmental Biology Research Resources

This is a general guide for locating books, journal articles, and Web resources on this topic. Please contact the librarian at the end of the document if you need further assistance or drop by the reference desk to ask for help at any time.

Finding Books in the Library Catalog

The most efficient way to find books related to your research is to search the Prescott Memorial Library Catalog using keywords or subject terms. If the list of book titles seems to be on the topic you want, look for additional titles using the blue links on the side of the screen or in the "Details" record.

If you prefer to just browse the shelves, you can locate books in our circulating and reference areas in the following call number areas: Zoology (QL), Human Anatomy (QM), and Physiology (QP). These books are located on the 8th & 9th floors of the library.

Electronic Books (e-Books) - We have growing number of books available in electronic format which means they are read from your computer screen and their pages can be reproduced from your computer printer. Two companies that offer a nice collection of science-related books are:

Knovel - books are searchable by title and subject; also offers a number of good, technical Reference books; pages are PDF friendly allowing the user to print whole chapters at one time

NetLibrary - books are searchable in the library catalog as well as the supplier's site; over 60,000 in the collection with a number of handy Reference tools

Finding Articles in Journals

Unless you know the title of an article or journal for your research, you will use the online indexes to locate scholarly journal articles. Some of the articles are available in full-text format, so that you can view them and print them while at your computer. Some of the articles will be found in our print journals located on the 3rd floor, and you will use the "Search the Tech Catalog" link to get the call number so you can find the journal and make a copy of the article.

Keep in mind that we do not have access to all of the articles listed. However, if you find a citation that sounds perfect for your research paper and it is not available through the library, consider using the InterLibrary Loan option located under "Library Services" from the library homepage.

Online Article Indexes

To find online citations and some full text articles on your topic: 1) click *Find: Articles* on the homepage, then 2) click *Indexes & Databases* button to see an entire list of the library's indexes and databases. Recommended Indexes are listed below:

Academic Search Complete - a very good multidisciplinary index with many full-text online articles

Biological Abstracts (*Online Index from 1969-Current; Print Index from 1926-1992*) - comprehensive index to life science articles; mostly citations

CINAHL - *abstracts with* some full-text to more than 3000 nursing and allied health journals from the fields of nursing and allied health

HealthSource - Database providing full text scholarly articles for over 600 journals and abstracts for 850 journals covering many medical disciplines (1975-present).

HighWire Press - free full-text of over 1360000 articles and 3568324 total citations covering all areas of science

JSTOR - full text of over 500 peer-reviewed journals in selected sciences; dated coverage

Medline - Index to international biomedical literature from National Library of Medicine from over 4,800 journals; primarily abstracts (1989-present)

PLoS (Public Library of Science) - open-access, peer reviewed scholarly research journals

Project Muse - 250 scholarly journals in a multi-disciplinary collection

PubMed - National Library of Medicine web site with over 16 million citations to biomedical articles; PubMed Central provides full text articles and other related resources. (1950's-present)

Specific Journal Titles

To find journal titles when you already have a citation or know a specific journal you want to find, follow these 3 steps: 1) click *Find: Articles* on the homepage, 2) click *Journals* button 3) type the journal title in the first box to see if it is available electronically or in the second box to see if it available in print in the library.

A-Z Electronic Journals - lists all of the library's journals available in full-text format and provides links to the journal articles. Some useful online titles are:

Annual Review of Cell and Developmental Biology (1996-present)

Annual review of genetics (1967-present)

Annual Review of Genomics and Human Genetics (2000-present)

Prescott Memorial Library Catalog - allows you to search for the journal in the library collection and provides the call number to locate the journal on the 3rd floor of the library.

Reference Resources

Additional links to resources are located under the "Biological Sciences" and "Health Sciences" subject headings.

Print Indexes

To find print citations for articles on your topic, check out these sources located in the Reference section of the library:

Biological & Agricultural Index, Vols. 8-53, 1937-1999 (REF S1 .A4P) - excellent index of the life sciences; citations only

Biological Abstracts (REF QH301 .B37 LIST 1968-1969)

Bioresearch Index (REF QH301 .B39 LIST 1966-1992)

BIOSIS (REF QH301 .B37 LIST 1970-1988)

BIOSIS Search Guide (REF QH301 .B56 1997)

Current Contents. Agriculture, Biology, & Environmental Sciences (REF QH1 .C86P)

Web Resources

Information retrieved from the open Web must be reviewed for **authority, accuracy and authenticity**. Even with these limitations, there are some excellent information resources available particularly those associated with government agencies, universities and organizations.

Search Engines

[Google Scholar](http://scholar.google.com/)

<http://scholar.google.com/>

[Scirus](http://www.scirus.com)

<http://www.scirus.com>

[Strategian](http://www.strategian.com/)

<http://www.strategian.com/>

[Washington DC Principles](http://www.dcprinciples.org)

<http://www.dcprinciples.org>

Informational

[BioResearch](http://www.intute.ac.uk/healthandlifesciences/bioreslost.html)

<http://www.intute.ac.uk/healthandlifesciences/bioreslost.html>

[Cell & Molecular Biology Online](http://www.cellbio.com/)

<http://www.cellbio.com/>

[Developmental Biology Online](http://www.uoguelph.ca/zoology/devobio/dbindex.htm)

<http://www.uoguelph.ca/zoology/devobio/dbindex.htm>

[International Journal of Developmental Biology](http://www.ijdb.ehu.es/)

<http://www.ijdb.ehu.es/>

[National Institute for Biotechnology Information \[NCBI\]](http://www.ncbi.nlm.nih.gov/)

<http://www.ncbi.nlm.nih.gov/>

[Nature's Genome Gateway](http://www.nature.com/omics/index.html)

<http://www.nature.com/omics/index.html>

[Virtual Embryo \(Tutorial\)](http://www.ucalgary.ca/UofC/eduweb/virtualembryo/db_tutorial.html)

http://www.ucalgary.ca/UofC/eduweb/virtualembryo/db_tutorial.html

[Virtual Library-Developmental Biology](http://www.sdbonline.org/Other/VL_DB.html)

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

[Visible Embryo](http://www.visembryo.com)

<http://www.visembryo.com>

If you need additional help, please contact:

Rebecca Brantley, ANS Liaison Librarian

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