

# Biology

## Research Guides and Bibliographies

**REF Z 7401.M28**

Science and Engineering Literature

A guide to the major science bibliographies and abstracting services.

## Dictionaries, Encyclopedias, and Handbooks

**QH 310.A392**

Biology Data Book

Collection of biological data and tables.

**REF QH 13.G7**

Encyclopedia of the Biological Sciences

Brief summary of topics. Includes index and some bibliographies

**REF Q 121.M3**

McGraw-Hill Encyclopedia of Science and Technology

15,250 illustrations and 7,700 readable articles that provide coverage of the rapid advances that characterize many of the sciences in recent years.

## Indexes and Abstracts

**Bound Periodical**

Biological Abstracts 1968-1984

Major abstracting service available for biological sciences.

**REF Z 5073.A46**

Biological and Agricultural Index 1962-

Indexes literature in areas of biology, agriculture, botany, forestry, conservation, etc.

**REF Z 7401.G46**

General Science Index

A subject index to periodicals covering a variety of scientific fields, including biology.

## Annual Reviews

### **QP 501.A7**

Annual Review of Biochemistry

### **QH 540.A53**

Annual Review of Ecology and Systematics

### **QH 431.A1A54**

Annual Review of Genetics

### **QR 1.A5**

Annual Review of Microbiology

Annual Reviews provide an overview of the developments that have occurred in the various sciences. Each volume covers a specific discipline.

## Histories

### **QH 305.M26**

The Growth of Biological Thought

Emphasizes the background and development of ideas dominating modern biology.

## Journals

American Biology Teacher  
 American Journal of Botany  
 American Journal of Human Genetics  
 American Naturalist  
 Antimicrobial Agents and Chemotherapy  
 Auk  
 Bioscience  
 Canadian Journal of Physiology and Pharmacology  
 Coepia  
 Ecological Monographs  
 Ecology  
 Evolution  
 Human Biology  
 Journal of Applied Physiology  
 Respiratory, Environmental and Exercise Physiology  
 Journal of Bacteriology  
 Journal of Biological Chemistry

Journal of Field Ornithology  
 Journal of Mammalogy  
 Microbiology and Molecular Biology Reviews  
 Nature Biotechnology  
 Proceedings of the National Academy of Sciences  
 Quarterly Review of Biology  
 Seminars in Oncology  
 Trends in Biotechnology  
 Wilson Bulletin

## Electronic Indexes

### Annual Review of Biomedical Sciences

Annual Reviews publishes authoritative, analytic reviews in 29 focused disciplines within the Biomedical, Physical, and Social Sciences.

### Basic BIOSIS

Index to the basic core of life science journals found in college and university libraries and written for undergraduate non-biology majors. Includes over 350 popular and scholarly science journals.

### BioOne

Aggregation of high impact bioscience research journals, focused on the biological, ecological and environmental sciences.

### Blackwell Synergy

Blackwell Synergy holds the content for most of Blackwell's journals

### CINAHL

This database covers nursing, biomedicine, health sciences librarianship, consumer health, and 17 allied health disciplines, and contains indexing for over 1,200 nursing journals and publications dating back to 1982, abstracts for over 250 journals, indexing for journals, books and book chapters, dissertations, selected conference proceedings, standards of practice, pamphlets, educational software packages and audiovisual material. Full text for over 300 journals is provided.

### Clinical Pharmacology

Clinical Pharmacology contains current, concise and clinically-relevant drug monographs for all U.S. prescription drugs, hard-to-find herbal and nutritional supplements, over-the-counter products and new and investigational drugs.

### Encyclopedia of Animals

Provides in-depth information on a variety of topics relating to animals. The database consists of indexing, abstracts, and full text records describing the nature and habitat of familiar animals.

### Hayworth Press

E-journal subscriptions in social work and pharmacy, including the following journals: *Child & Family Behavior Therapy*, *Journal of Gerontological Social Work*, *Journal of Pharmaceutical Marketing & Management*, *Journal of Teaching in Social Work*, *Social Work in Health Care*, and *Social Work With Groups*.

**Health Source Consumer Edition**

Provides abstracts and indexing for nearly 500 consumer health, nutrition and professional periodicals from 1984 to present.

**Health Source Nursing-Academic Edition**

Provides more than 400 scholarly full text journals focusing on many medical disciplines. Also featured are abstracts and indexing for over 500 journals. This product offering also includes USP Pharmacopoeia DI: Volume II Advice for the Lay Patient and Stedman's Medical Dictionary.

**HighWire Press**

HighWire Press at Stanford University develops and maintains the Web versions of important journals in biomedicine and other disciplines. There are more than 582,270 free full-text articles available online.

**JSTOR**

Anthropology, Asian Studies, Ecology, Economics, Education, Finance, History, Literature, Mathematics, Philosophy, Political Science, Population Studies, Sociology, and Statistics.

**Medline Plus**

MEDLINEplus has extensive information for health professionals and consumers from the National Institutes of Health and other trusted sources on hundreds of diseases and conditions. There are also lists of hospitals and physicians, a medical encyclopedia and dictionaries, health information in Spanish, extensive information on prescription and nonprescription drugs, health information from the media, and links to thousands of clinical trials.

**Medscape**

Free selected articles from a number of medical journals.

**Oxford Journals**

Campbell University has subscriptions of online version of the following journal titles from this database: *The English Historical Review*, *Journal of Antimicrobial Chemotherapy*, *Journal of Semitic Studies*, *The Musical Quarterly*, *Notes and Queries*, *Past & Present*.

**PubMed**

A service of the National Library of Medicine, PubMed provides access to over 11 million citations from MEDLINE and additional life science journals. PubMed includes links to many sites providing full text articles and other related resources.

**PubMed Central**

An archive of life science journals including BMJ, Proceedings of the National Academy of Sciences of the United States of America, and others.

### **ScienceDirect Web Editions**

Full text articles from several journals published by Elsevier Science.

## **Internet Resources**

### **[www.lib.uiowa.edu/hardin/md/ej.html](http://www.lib.uiowa.edu/hardin/md/ej.html)**

A listing of PubMed journals that are available online for free.

### **[www.lcls.lib.il.us/ste/ejournals.htm](http://www.lcls.lib.il.us/ste/ejournals.htm)**

A listing of fulltext medical journals available at no charge.

### **American Medical Association**

<http://www.ama-assn.org/>

### **Andean Botanical Information System**

<http://www.sacha.org/>

The Andean Botanical Information System (ABIS) presents information from floristic and systematic investigations of the flowering plants (phanerogams) of Andean South America. Topics include selected geographic regions and groups of Andean plants, flora of coastal Peru and Chile, floristic inventories from a variety of habitats in northern Peru, bibliographic resources, and searchable databases.

### **BioTech**

<http://biotech.icmb.utexas.edu/>

One of the main goals of BioTech is to evaluate and explain the features of some of the more popular Web sites for biology students and researchers.

### **Centers for Disease Control and Prevention**

<http://www.cdc.gov/>

### **The Free Medical Journals Site**

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

Dedicated to the promotion of free access to medical journals over the Internet.

### **Harvard Dept of MCB Biology Links**

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

Directory of internet biological sciences resources.

### **Healthfinder**

<http://www.healthfinder.gov/>

A key resource for finding the best government and nonprofit health and human services information on the Internet.

**HealthLink Plus**

<http://www.healthlinkplus.org/>

Access to consumer health information from sites selected by Public Library of Charlotte & Mecklenburg County's professional Information Services staff.

**HealthWeb**

<http://www.healthweb.org/>

HealthWeb is a collaborative project of the health sciences libraries of the Greater Midwest Region (GMR) of the National Network of Libraries of Medicine (NN/LM) and those of the Committee for Institutional Cooperation.

**HIV InSite**

<http://hivinsite.ucsf.edu/>

Gateway to HIV and AIDS knowledge.

**KFF State Health Facts Online**

<http://www.statehealthfacts.kff.org/>

This resource contains the latest state-level data on demographics, health, and health policy, including health coverage, access, financing, and state legislation.

**MayoClinic**

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

Access to the experience and knowledge of the more than 2,000 physicians and scientists of Mayo Clinic.

**MEDEM**

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

The premier physician-patient communications network, designed to facilitate online access to information and care for more than 90,000 physicians, their practices and their patients, while saving patients time and money and helping physicians generate revenue.

**MedicineNet.com**

<http://www.medicinenet.com/script/main/hp.asp>

Health and medical information: diseases and conditions, medical dictionary, procedures and test, medications, that is reliable, relevant and produced by doctors.

**Merck Manual of Medical Information**

[http://www.merck.com/mrkshared/mmanual\\_home2/home.jsp](http://www.merck.com/mrkshared/mmanual_home2/home.jsp)

Limited sections of the Merck Manual of Medical Information-Second Home Edition.

**National Institute of Health (NIH)**

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

**The National Women's Health Information Center**

<http://www.4women.gov/>

Health information gateway especially for women.

**New England Journal of Medicine**

<http://content.nejm.org/>

**NIAAA Alcohol and Alcohol Problems Science Database (ETOH)**

<http://etoh.niaaa.nih.gov/>

The most comprehensive online bibliographic database containing over 100,000 records on alcohol abuse and alcoholism.

**NOAH: New York Online Access to Health Home Page**

<http://www.noah-health.org/>

Provides end-users a place on the World Wide Web to reach reliable consumer health information.

**OncoLink**

<http://www.oncolink.upenn.edu/>

Provides accurate cancer-related information to help cancer patients, families, health care professionals and the general public.

**PubMed**

<http://www.ncbi.nlm.nih.gov/entrez/query.fcgi>

PubMed, a service of the National Library of Medicine, provides access to over 12 million MEDLINE citations back to the mid-1960's and additional life science journals. PubMed includes links to many sites providing full text articles and other related resources.

**U.S. National Library of Medicine**

<http://www.nlm.nih.gov/nlmhome.html>

**World Health Organization**

<http://www.who.int/en/>

**WWW Virtual Library: Biosciences: Medicine**

<http://londonbridge.ohsu.edu/wwwvl/>

Directory of internet resources on medicine.