

Schenectady County Community College
Begley Library and Instructional Technology Center

HOW TO FIND INFORMATION ON BIOLOGY

I. SEARCHING THE ONLINE CATALOG

Search the library's online catalog to find the title and location of materials in the library. The link to the online catalog is available from the library web site <http://www.sunysccc.edu/library>. Select **Find Books** and **Find Books in This Library**. Type your keywords in the **Basic Keyword Search** text box and select **Subject** as the field to search. Examples of specific subject entries that appear in our online catalog are listed below.

Anatomy	Conservation	Molecular Biology
Animal Behavior	Cytology	Natural History
Biochemistry	Developmental	Neurobiology
Bioethics	Biology	Physiology
Biological Diversity	Ecology	Psychobiology
Biologists	Endangered Species	Reproduction
Biotechnology	Evolution	Wildlife
Botany	Genetics	
Cells	Microbiology	

II. CIRCULATING BOOKS

Books that may be checked out with the call numbers PS-Z are on the 1st floor behind the Reference collection, and books with the call numbers A-PR are on the 2nd floor. Biology books are most often found in the **Q, QH, QK, QL, QM, QP** and **QR** sections of the library. Some titles include:

<u>Title</u>	<u>Call Number</u>	<u>Location</u>
<i>Functional Anatomy for Emergency Medical Services</i>	QM23.2 .S367 2002	1 st floor
<i>Wild Minds: What Animals Really Think</i>	QL785 .H359 2000	1 st floor
<i>In the Wake of Terror: Medicine and Morality in a Time of Crisis</i>	R725.5 .I5 2003	1 st floor
<i>Sparing Nature: The Conflict Between Human Population Growth and Earth's Biodiversity</i>	HB849.415 .M38 2003	2 nd floor
<i>Molecular Biology of the Cell</i>	QH581.2 .M64 2002	1 st floor
<i>The Future of Life</i>	QH75 .W535 2002	1 st floor
<i>Creationism Versus Evolution</i>	BS652 .C74 2005	2 nd floor
<i>Jacob's Ladder: The History of the Human Genome</i>	QH437 .G44 2004	1 st floor
<i>Killer Germs: Microbes and Diseases That Threaten Humanity</i>	RA643 .Z55 2003	1 st floor

III. ELECTRONIC BOOKS

The online catalog contains links to full-text electronic books. In order to access these books from home you will need to set up a **NetLibrary** account from a computer in the library. Ask a librarian if you need assistance. Some titles include:

Biotech Industry: A Global, Economic, and Financing Overview (2004)
Environmental Change: the Evolving Ecosphere (2003)
Pragmatic Bioethics (2003)
Beacham's Guide to the Endangered Species of North America (2001)
Introduction to Neural and Cognitive Modeling (2000)
Reproduction in Context: Social and Environmental Influences on Reproductive Physiology and Behavior (2000)

There are many online reference materials available full-text through the electronic database, **Virtual Reference Library (Gale)**. Some reference titles include:

Animal Sciences. Allan B. Cobb, Ed. New York: Macmillan Reference USA, 2002
Biology. Richard Robinson, Ed. New York: Macmillan Reference USA, 2002
Genetics. Richard Robinson, Ed. New York: Macmillan Reference USA, 2003

IV. REFERENCE BOOKS

The Reference section of the library is located on the 1st floor just beyond the Reference Desk. Some recommended sources include:

ENCYCLOPEDIAS

Title

Human Body Systems (10 vol.)
World of Genetics (2 vol.)
Magill's Encyclopedia of Science: Plant Life
McGraw-Hill Encyclopedia of Science and Technology
(20 vol.) plus updates from 1998 to present
Encyclopedia of Bioethics (5 vol.)
Encyclopedia of Evolution: Humanity's Search for its Origins
The Cambridge Encyclopedia of Life Sciences
Encyclopedia of Endangered Species
Grzimek's Animal Life Encyclopedia (16 vol.)

Call Number

REF QP34.5 .H86 2004
REF QH427 .W67 2002
REF QK7 .M34 2002

REF Q121.M3 1997
REF QH332 .E52 1995
REF GN281 .M53 1990
REF QH307.2 .C36 1985
REF QH75.A1 E53
REF QL3 .G7813

DICTIONARIES

Title

The Facts on File Dictionary of Ecology and the Environment
Animal Behavior Desk Reference: A Dictionary of Animal Behavior, Ecology and Evolution
The Facts on File Dictionary of Marine Science
An A to Z of DNA Science: What Scientists Mean When They Talk About Genes and Genomes
Oxford Dictionary of Biochemistry and Molecular Biology
A Dictionary of Biology
Microbes and People: An A to Z of Microorganisms in Our Lives
McGraw-Hill Dictionary of Scientific and Technical Terms
Dictionary of Life Sciences

Call Number

REF QH540.4 .F35 2004

REF QL750.3 .B37 2001
REF QC9 .F28 2001

REF QH427 .W58 2001
REF QD415.A25 O94 2000
REF QH302.5 .D5 2000

REF QR9 .S26 2000
REF Q123 .M34 1994
REF QH302.5 .D52 1984

BIOGRAPHICAL INFORMATION

Title

The Nobel Scientists: A Biographical Encyclopedia
International Women in Science: A Biographical Dictionary to 1950
Black Women Scientists in the United States
Notable Women in the Life Sciences: A Biographical Dictionary
Distinguished African American Scientists of the 20th Century
American Men & Women of Science: A Biographical Directory of Today's Leaders in Physical, Biological and Related Sciences (2003)

Call Number

REF Q141 .K78 2002
REF Q141 .H2167 2001
REF Q141 .W367 1999
REF QH26 .N68 1996
REF Q141 .D535 1996

<E-book>

ELECTRONIC DATABASES: PERIODICALS AND REFERENCE

Electronic databases may be used to find full-text articles in journals, newspapers, and reference sources like encyclopedias. The electronic databases are available online via the library web site <http://www.sunysccc.edu/library>. Select the link **Find Articles**. Some useful databases that contain information about Biology are:

General Science Collection (EBSCO)
MEDLINE
Academic Search Premier (EBSCO)
Gale/Infotrac Health Reference Center
Science Direct
Virtual Reference Library (Gale)

V. MEDIA

Media materials are located in the Instructional Technology Center on the 2nd floor. Ask a librarian to help you locate these materials in the online catalog.

VI. INTERNET

The web sites listed below were found by accessing the Librarians' Index to the Internet web site at <http://www.lii.org>. These sites have been evaluated by librarians for their usefulness.

General Science
<http://www.cdc.gov/>
Centers for Disease Control.

<http://www.nih.gov/>
National Institutes of Health.

<http://www.nlm.nih.gov/>
National Library of Medicine.

<http://www.medlineplus.gov>
Information to "help answer health questions". Also, information about drugs and an illustrated medical encyclopedia. From the National Institutes of Health and the National Library of Medicine.

<http://biotech.icmb.utexas.edu/search/dict-search.html>

Dictionary containing terms dealing with biochemistry, biotechnology, botany, cell biology, and genetics. From the University of Texas BioTech project.

<http://cancerweb.ncl.ac.uk/omd/>

Dictionary of terms "relating to biochemistry, cell biology, chemistry, medicine, molecular biology, physics, plant biology, radiobiology, science, and technology." From the Department of Medical Oncology, University of Newcastle upon Tyne.

Anatomy

<http://www.bartleby.com/107/>

Online, fully searchable, illustrated text of *Gray's Anatomy* (20th edition, 1918).

<http://www.ama-assn.org/ama/pub/category/7140.html>

Atlas of the human body; can browse by major section (brain, circulatory system, muscles, respiratory system, nervous system). From the American Medical Association.

Animal Behavior

<http://seaworld.org/animal-info>

Extensive information about animals (habitat, physical characteristics, senses, behavior, etc.); also information about endangered species and animal rescue. From Sea World/Busch Gardens.

Biology

<http://www.nysaes.cornell.edu/ent/biocontrol/>

Biological Control: A Guide to Natural Enemies in North America. From Cornell University.

Botany

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

Botanical Society of America.

Genetics

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

Information from the U.S. Department of Energy Office of Science on current genome projects.

VII. LIBRARIANS

Reference Librarians will be happy to help you locate materials for your topic in this library and in other libraries. Please ask for assistance at the Reference Desk. You may also **email** or **chat live** with a librarian via the Begley Library web site at <http://www.sunysccc.edu/library>. Select the link **Ask a Librarian**.

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