

ENVIRONMENTAL BIOLOGY

Following is some general information about resources and tools to assist researchers in the field of Environmental Biology. This list is just a sampling of what the Quimby Library has in its collection.

FINDING BOOKS

The library's holdings are best accessed through Minerva, our online catalog. This system can be searched by author, title, subject heading, or key word. Help in using the system is available online and at the reference/circulation desk. The library catalog [<http://minerva.maine.edu/search~S96>] can be accessed from the library as well as your home or office via the internet.

The library holdings are arranged by the Library of Congress Classification system and uses Library of Congress subject headings. Examples of possible subjects include:

Adaptation (Biology); Anatomy; Animal behavior; Animals – Physiology; Biodiversity; Biogeography; Biologists; Biology; Biology – Authorship; Biological illustration; Biology, economic; Biology, experimental; Biometry; Birds – Physiology; Cells; Conservation biology; Cytology; Death (Biology); Desert biology; Developmental biology; Ecology; Environmental health; Estuarine biology; Evolution (Biology); Fishes – Physiology; Freshwater biology; Geobiology; Genetics; Human biology; Life (Biology); Limnology; Mammals; Marine biology; Molecular biology; Natural history illustration; Ornithology; Physiology; Plant cells and tissues; Plant physiology; Population biology; Report writing; Scientific illustration; Seashore biology; Space biology; Stains and staining; Technical writing; Trees – Physiology; Variation (Biology); Woody plants – Physiology; Zoology

REFERENCE SOURCES

Animal anatomy on file / by the Diagram Group. **REF QL812.5 A55 1990**

Animal behavior desk reference : a dictionary of animal behavior, ecology, and evolution / E.M. Barrows
REF QL750.3 .B37 2001

Barnes & Noble thesaurus of biology : the principles of biology explained and illustrated / Anne C. Gutteridge
REF QH302.5 .G87 1983

Basic guide to pesticides : their characteristics and hazards **REF RA1270.P4 B73 1992**

Bergey's manual of systematic bacteriology **REF QR81 .B46 2001**

Biology data book. **REF QH310 .A39 1964**

Birder's dictionary / R.T. Cox **REF QL672.2 .C69 1996**

The Cambridge encyclopedia of ornithology / eds. M. Brooke & T. Birkhead **REF QL673 .C26 1991**

Communication skills for conservation professionals / Susan K. Jacobson. Island Press, 2009. **QH75 .J335 2009**

Cooper's comprehensive environmental desk reference **REF GE123 .C64 1996**

Dazzle 'em with style : the art of oral scientific presentation / Robert R.H. Anholt. Elsevier Academic Press, c2006. **Q223 .A63 2006**

A dictionary of ethology / K. Immelmann & C. Beer **REF QL750.3 .I4513 1989**

The Dictionary of cell biology **REF QH575 .D57 1995**

A dictionary of genetics / R.C. King & W.D. Stansfield **REF QH427 .K55 1990**

Dictionary of word roots and combining forms : compiled from the Greek, Latin, and other languages, with special reference to biological terms and scientific names / by Donald J. Borrer. **REF QH13 .B68 1960**

Doing honest work in college : how to prepare citations, avoid plagiarism, and achieve real academic success / Charles Lipson. **PN171.F56 L56 2004**

Encyclopedia of bioethics **REF QH332 .E52 1995**

Encyclopedia of environmental issues **REF GE10 .E52 2000**

Encyclopedia of global change : environmental change and human society **REF GE149 .E47 2002**

Encyclopedia of life sciences / Nature Publishing Group (20 vols.) **REF QH302.5 .E54 2002**

The environmental resource handbook. **REF GE20 .E586 2003/04**

Facts on file dictionary of biology **REF QH302.5 .F38 2005**

Facts on file dictionary of environmental science **REF TD9 .W95 2001**
Fish physiology / eds. W.S. Hoar & D.J. Randall. **REF QL639.1 .H6**
The Guild handbook of scientific illustration 2nd ed. **Q222 .G85 2003**
Handbook of biological illustration / F.W. Zweifel **QH318 .Z97 1988**
Hazardous materials dictionary **REF T55.3.H3 C645 1988**
Latin names explained : a guide to the scientific classification of reptiles, birds & mammals / A.F. Gotch.
REF QL9 .G67 1996
McGraw-Hill dictionary of bioscience **REF QH302.5 .M382 2003**
The New Penguin dictionary of biology **REF QH13 .N62 1990**
A new tree biology dictionary : terms, topics, and treatments for trees and their problems and proper care
REF QK474.87 .S55 1986
Oxford dictionary of biochemistry and molecular biology **REF QP512 .O94 1997**
Scientific American resource library : readings in the life sciences / with an introduction by Marston Bates.
REF QH302 .S4 (10 volumes)
Scientific style and format : the CSE manual for authors, editors, and publishers **REF T11 .S386 2006**
Scientific writing and communication : papers, proposals, and presentations / Angelika H. Hofmann. Oxford
University Press, 2010. **Q223 .H63 2010**
A source-book of biological names and terms. / Jaeger, Edmund Carroll **REF QH83 .J3 1955**
A student handbook for writing in biology / Karin Knisely **QH304 .K59 2005** [circ desk]
Study and communication skills for the biosciences / Stuart Johnson and Jon Scott Oxford University Press,
2009 **QH315 .J64 2009**
Wild mammals of North America : biology, management, and conservation / eds. G.A. Feldhamer, B.C.
Thompson, & J.A. Chapman **REF QL715 .W56 2003**
Writing for science / R. Goldbort **T11 .G626 2006**
Writing papers in the biological sciences / Victoria E. McMillan. **REF QH304 .M36 2001**

Digital Book Index <http://www.digitalbookindex.com/about.htm>

National Academy Press (Full text of over 3000 titles) <http://books.nap.edu/index.html>

FINDING JOURNAL ARTICLES AND CONFERENCE REPORTS

The following abstracting/indexing databases will help you find published non-book literature.

Academic Search Complete (EBSCOhost) <http://libraries.maine.edu/mainedatabases/authmaine.asp?db=asc>

Agricola (EBSCOhost) <http://libraries.maine.edu/mainedatabases/authmaine.asp?db=ag>

Aquatic Sciences and Fisheries Abstracts <http://libraries.maine.edu/mainedatabases/authmaine.asp?db=asf>

Environment Complete (EBSCOhost) <http://libraries.maine.edu/mainedatabases/authmaine.asp?db=eih>

Georef <http://libraries.maine.edu/mainedatabases/authmaine.asp?db=gr>

Scirus <http://www.scirus.com/srsapp/>

JOURNALS

American Naturalist

American Scientist

Audubon

Biological Bulletin

Bioscene (Online) <http://papa.indstate.edu/amc/bt/bioscene.html>

Bioscience

Conservation Biology

Habitat (Maine Audubon Society)

The journal of biological chemistry <http://www.jbc.org/>

Journal of Biological Education (EBSCOhost)

Journal of Cell Biology (Print and Online) <http://www.jcb.org/>

Journal of Experimental Biology (Online) <http://jeb.biologists.org/>
Journal of Environmental Sciences <http://search.epnet.com/direct.asp?jid=LES&db=aph>
Journal of Fish Biology
Journal of Insect Science (Online) <http://insectscience.org>
Journal of Mammalogy
Journal of the Marine Biological Association of the United Kingdom (JMBA)
Molecular Biology of the Cell (print and online) <http://www.molbiolcell.org/>
Nature
New Scientist
PLoS Biology <http://www.plos.org>
Quarterly Review of Biology
Physiological and biochemical zoology : PBZ
Science

For a complete list of our journal holdings go to: <http://www.unity.edu/library/periodicals.asp>

VIDEOS/DVDs

Basic chemistry for biology students **VIDEO 540 B292**
The biochemical basis of biology. v1 Cell structure and energy production v2 DNA and protein synthesis
VIDEO 574.19 B52
Cell biology : the plasma membrane. **VIDEO 574.875 C33**
Cell processes : the parts of the cell and their roles, all through the microscope **VIDEO 574.87 C34**
CELLebration / American Society for Cell Biology **VIDEO 574.87 C33**
Cellular respiration : energy for life / Peter Cochran **VIDEO 574.876 C331**
Classification of living things. **VIDEO 574 C568**
Cryptic fauna of marine sand **VIDEO 592 C889**
Evolution **VIDEO 575 Ev64** (7 videos)
How to use a dichotomous key in identifying aquatic insects **VIDEO 595.7 H83**
A journey through the cell : an introduction **VIDEO 574.87 J826**
The language of life : understanding the genetic code **VIDEO 574.87322 L269**
Ocean drifters **VIDEO 574.92 Oc2**
Videoguide to the birds of North America **VIDEO 598 Au27**
Water, a miraculous substance **VIDEO 574.19212 W291**

ASSOCIATIONS/SOCIETIES

American Institute of Biological Sciences <http://www.aibs.org/core/index.html>
American Society for Cell Biology <http://www.ascb.org/>
The Association for Tropical Biology and Conservation <http://www.atbio.org/>
Audubon <http://www.audubon.org>
Biological Stain Commission <http://www.biologicalstaincommission.org/>
The Company of Biologists <http://www.biologists.com/web/index.html>
Institute of Biology <http://www.iob.org/>
The Linnean Society of London <http://www.linnean.org/>
Marine Biological Association of the United Kingdom <http://www.mba.ac.uk/>
Society for Conservation Biology <http://conbio.net/>
Society for Integrative and Comparative Biology <http://www.sicb.org/>

GOVERNMENT/INTERGOVERNMENTAL

U.S. Environmental Protection Agency <http://epa.gov/>
U.S. Geological Survey <http://www.usgs.gov/>
USA.gov The U.S. Government's official web portal <http://www.usa.gov/>

WEB SITES

BiologyBrowser [BIOSIS] <http://www.biologybrowser.org/>
Encyclopedia of life <http://www.eol.org/>
Integrated Taxonomic Information System <http://www.itis.gov/>
Kimball's Biology Pages <http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/>
National Biological Information Infrastructure (USGS) <http://www.nbi.gov/index.html>
National Library for the Environment <http://www.ncseonline.org/NLE/>
Species 2000 <http://www.sp2000.org/>
Western waters digital library <http://www.westernwaters.org/>

Dorothy W. Quimby Library

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