

## **Electronic Databases**

### **BIOSIS Previews**

Coverage: 1993 to present

Full Text: No

Description: Online version of Biological Abstracts. Covers all areas of the life sciences. Includes journal articles, books, reports and theses.

### **Cambridge Scientific Abstracts**

Coverage: Primarily late 1970s to present

Full Text: Some.

Description: Collection of numerous databases in the life and physical sciences. Topics include AIDS, aquatic and marine sciences, biology, biotechnology, botany, environmental studies, medicine, oceanography and toxicology. Also provides links to related web sites.

### **ScienceDirect**

Coverage: 1995 – present (coverage varies by journal title)

Full Text: Yes

Description: Covers all major areas of the physical and life sciences. Provides access to approximately 1700 journals.

### **Web of Science**

Coverage: 1900 – present.

Full Text: Some

Description: Includes the Science Citation Index and covers thousands of publications in the sciences. This database can also be searched by keyword or subject for citations.

### **ACS Journals Search (American Chemical Society)**

Coverage: Dates vary according to publication. Covers each title from the beginning of publication date.

Full text: Yes

Description: Provides the full text of all journals published by the American Chemical Society. Searchable by keyword, author, title, and full text. Articles available in PDF and HTML format (PDF is recommended).

### **Annual Reviews**

Coverage: Dates vary, but generally from the 1950s to the present.

Full Text: Yes

Description: Provides annual collections of critical reviews of research in the biomedical, physical and social sciences. Full text articles are available in PDF and HTML format (PDF is recommended).

## **Internet Resources**

### **National Library of Medicine**

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

Description: Provides free access to Medline and PubMed, as well as publications and handouts on medicine and health.

### **WWW Virtual Library: Biosciences**

Location: <http://vlib.org/Biosciences.html>

### **Yahoo! Links for Biology**

Location: <http://dir.yahoo.com/Science/biology/>

### **U.S. Environmental Protection Agency**

Location: <http://www.epa.gov/>

Laws and regulations, pollution and air releases, information by geographic area, and educational materials.

## **U.S. Geological Survey: Biological Resources**

Location: <http://biology.usgs.gov/>

Description: Research on ecosystems, environment, weather and animal life.

## **Internet Resources: Professional Organizations and Careers**

### **Biology Jobs**

Location: <http://golgi.harvard.edu/BioLinks/BioJobs.html>

### **Careers/Professions for the Biology Graduate**

Location: <http://sciweb.hfcc.edu/Biology/careers.biology.html>

### **Yahoo! Directories of Biology Organizations**

Location: <http://dir.yahoo.com/Science/Biology/Organizations/>

## **Print Resources**

### **Dictionaries:**

#### **The Concise Oxford Dictionary of Botany** (Ref QK 9 .C67 1992)

Description: Intended for non-specialists and beginning students.

#### **A Dictionary of Zoology** (Ref QL 9 .L4 1973)

Description: Includes taxonomy, comparative anatomy, physiology, history, genetics, ecology, a section on English names, and a third section on principles of classification and nomenclature.

#### **Dorland's Illustrated Medical Dictionary** (Ref R 121 .D73 2007)

Description: One of the standard dictionaries for the medical sciences. Includes acronyms and abbreviations.

#### **The Facts on File Dictionary of Marine Science** (Ref GC 9 .F28 1988)

Description: Covers organisms, processes, geographic locations and researchers.

#### **McGraw-Hill Dictionary of the Life Sciences** (Ref QH 302.5 .M3)

Description: Provides comprehensive coverage of all major subject areas. Includes illustrations.

#### **The Oxford Dictionary of Natural History** (Ref QH 13 .O9 1985)

Description: Includes plants and animals, earth and atmospheric sciences, genetics, cell structure and function, and parasitology. Animals are listed by their scientific and common names.

### **Encyclopedias:**

#### **Atlas of Human Anatomy** (Ref QM 25 .N46 1989)

Description: Provides detailed, colored illustrations.

#### **Beacham's Guide to Environmental Issues & Sources** (Ref GE 115 .B43 1993)

Description: Covers water supply, agriculture, climate, energy sources, pollution, conservation and endangered species.

#### **Encyclopedia of Biodiversity** (Ref QH 541.15 .B56 E53 2001)

Description: Topics include agriculture, conservation, economics, evolution, extinction, genetics, habits, ecosystems, plants, population, policy and systematics.

#### **Encyclopedia of Bioethics** (Ref QH 332 .E52 1995)

Description: Topics are arranged alphabetically and address health and legal issues, morality, and religious and philosophical perspectives.

**Encyclopedia of Environmental Biology** (Ref QH 540.4 .E52 1995)

Description: Each entry includes a glossary and bibliography.

**Encyclopedia of Life Sciences** (Ref QH 302.5 E525 2002)

Description: This 20-volume title, published by Nature Publishing Group, covers all aspects of biology.

**The Encyclopedia of the Biological Sciences** (Ref QH 13 G7 1970)

Description: Covers numerous topics in biology and the pioneering researchers in each field.

**Grzimek's Animal Life Encyclopedia** (Ref QL 3 .G7813)

Description: Sections are divided by class of animal and describe its physical and behavioral characteristics. Volumes are divided into lower animals, insects, mollusks and echinoderms, fishes and amphibians, reptiles, birds and mammals. **Note:** Library has first and second editions in the Reference section.

**Grzimek's Encyclopedia of Ecology** (Ref QH 541 .G79)

Description: Topics include the characteristics of different environments, adaptations of animals and man to their environments, urban areas, and pollution.

**Grzimek's Encyclopedia of Evolution** (Ref QH 366.2 .G7)

Description: Covers the history and theory of evolution; paleontology; animal and plant life; and prehistoric life, ages, and periods.

**Taxonomy and Nomenclature:**

**Amphibian Species of the World: a Taxonomic and Geographical Reference** (Ref QL 645 .F76 1985)

**International Code of Botanical Nomenclature** (Ref QK 96 .R4)

**Index Kewensis: an Enumeration of Genera and Species of Flowering Plants** (Ref QK 11 .I4)

**Names of Mollusks** (Ref QL 411 .C65 1988)

**Nomenclature Zoologicus** (Ref QL 354 .N4)

**Synopsis and Classification of Living Organisms** (Ref QH 83 .S89)

**Indexes:**

**Biological Abstracts** (Reference Annex Z 5321 .B56)

Coverage: Vol. 1 (1926) to Vol. 101 (1996)

**Biological & Agricultural Index** (Ref Z 5073 .A46)

Coverage: Vol. 19 (1964) to present

**Applied Science & Technology Index** (Ref Z 7913 .I7)

Coverage: Vol. 29 (1941) to present

**Aquatic Sciences & Fisheries Abstracts** (Reference Annex QH 90 .A1 A681)

Coverage: Vol. 1 (1971) to Vol. 28 (1998)

**Bibliography of Bioethics** (Ref Z 6675 .E8 B53)

Coverage: Vol. 7 to present.

**Environment Abstracts Annual** (Ref Z 5322 .E2 E58)

Coverage: Vol. 2 (1972) to Vol. 23 (1993)

**Environmental Periodicals Bibliography** (Ref Z5863 .E57 E58)

Coverage: Vol. 1 (1972) to Vol. 25 (1996)

**Fisheries Review** (Ref SH 1 .S82)

Coverage: Vol. 1 (1955) to Vol. 40 (1995)

**Oceanic Abstracts** (Reference Annex Z 6004 .P6 O25)  
Coverage: Vol. 11 (1974) to Vol. 35 (1998)

**Oceanographic Literature Review** (Ref Z 6004 .P6 D4)  
Coverage: Vol. 1 (1953) to present

**Wildlife Review** (Ref SK 351 .W58)  
Coverage: No. 1 (1935) to No. 247 (1995)

**Zoological Record** (Ref Z7991 .Z87)  
Coverage: Print: Vol. 93 (1956) to present  
Microform: Vol. 1 (1864) to Vol. 92 (1955)

## **Government Information**

### **Federal Documents:**

National Park Service (**I 29:**)

Fish & Wildlife Service (**I 49:**)

Smithsonian Contributions to Botany (**SI 1.29:**)

Smithsonian Contributions to Paleobiology (**SI 1.30:**)

Smithsonian Contributions to Zoology (**SI 1.27:**)

### **Texas State Documents:**

Texas Parks and Wildlife (**TX DOC P400:**)

## **For More Information**

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