

Sources in

BIOLOGY

This guide lists a selection of the more important sources of information on Biology available at Concordia Libraries. It includes material held in the Webster Library (WEB) on the Sir George Williams Downtown Campus, in the Vanier Library (VAN) on the Loyola Campus and/or available online. Most materials are located in the Reference area (REF). **This is not a complete list.** Additional resources may be found by searching CLUES, the library catalogue.

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Encyclopedias

Molecular Biology & Genetics

Biotechnology From A to Z

REF TP 248.16 B33 2004 VAN

Encyclopedia of Cell Technology – 2 vol.

REF TP 248.27 A53E53 2000 VAN

Encyclopedia of Genetics – 4 vol.

REF QH 427 E532 2002 VAN

Encyclopedia of Medical Genomics and Proteomics – 2 vol.

REF RB 155 E52 2005 VAN

[Encyclopedia of Microbiology](#) – 4 vol.

REF QR 9 E53 2000 VAN **Online**

Encyclopedia of Molecular Cell Biology & Molecular Medicine – 16 vol.

REF QH 506 E534 2004 VAN

Encyclopedia of Molecular Medicine – 5 vol.

REF QH 506 W55 2002 VAN

Encyclopedia of the Human Genome – 5 vol.

REF QH 447 N285 2003 VAN

[Encyclopedia of Virology](#) – 3 vol.

REF QR 358 E53 1999 VAN **Online**

Ecology & Environmental Biology

Encyclopedia of Biodiversity – 5 vol.

REF QH 541.15 B56 E53 2001 VAN

[Encyclopedia of Ecology](#)

Online

Encyclopedia of Ecology and Environmental Management

REF QH 541 E46 1998 VAN

Encyclopedia of Environmental Biology – 3 vol.

REF QH 540.4 E52 1995 VAN

Encyclopedia of Environmental Microbiology- 6 vol.

REF QR 100 B58 2002 VAN

Encyclopedia of World Environmental History – 3 vol.

REF GF 10 E63 2003 WEB

Life on Earth: an encyclopedia of biodiversity, ecology, and evolution – 2 vol.

REF QH 541.15 B56L54 2002 VAN

General Biology

Encyclopedia of Bioethics – 5 vol.

REF QH 332 E52 2004 VAN

Encyclopedia of Biological Chemistry – 4 vol.

REF QD 415 A25E53 2004 VAN

Encyclopedia of Biostatistics – 8 vol.

REF RA 409 E53 2005 VAN

Encyclopedia of Evolution – 2 vol.

REF QH 360.2 E54 2002 VAN

[Encyclopedia of Inland Waters](#)

Online

[Encyclopedia of Life Sciences](#) – 20 vol.

REF QH 302.5 E54 2002 VAN WEB **Online**

Encyclopedia of Reproduction – 4 vol.

REF QP 251 E479 1998 VAN

Life on Earth : an encyclopedia of biodiversity, ecology, and evolution – 2 vol.

REF QH 541.15 B56L54 2002 VAN

Plant Biology

Encyclopedia of Applied Plant Sciences – 3 vol.

REF TP 248.16 E537 2003 VAN

Encyclopedia of Medicinal Plants

REF RS 164 C4437 1996 VAN

Encyclopedia of Plant Physiology – 20 vol.

REF QK 711 E55+ VAN

Magill's Encyclopedia of Sciences: Plant Life – 4 vol.

REF QK 7 M34 2003 VAN

Medicinal Plants of the World

REF RS 164 V295 2004 VAN



New York Botanical Garden Illustrated Encyclopedia of Horticulture – 10vol.

REF SB 317.58 E94 VAN

Animal & Human Biology

Encyclopedia of Animal Behavior – 3 vol.

REF QL 750.3 E53 2004 VAN

[Encyclopedia of Animal Behavior](#)

Online

Encyclopedia of Animal Science

REF SF 61 E496 2005 VAN

Encyclopedia of Entomology – 3 vol.

REF QL 462.3 E475 2004 VAN

Encyclopedia of Gerontology – 2 vol.

REF RC 952.5 E58 2007 VAN

Encyclopedia of Hormones – 3 vol.

REF QP 571 E52 2003 VAN

Encyclopedia of Human Biology – 9 vol.

REF QP 11 E53 1997 VAN

[Encyclopedia of Human Body Systems](#)

Online

Encyclopedia of Human Growth & Development

REF QP 84 C26 1997 VAN

[Grzimek's Animal Life Encyclopedia](#) – 17 vol.

REF QL 7 G7813 2003 VAN **Online**

Illustrated Encyclopedia of Human Histology

REF QM 550.2 K77 1984 VAN

Walker's Mammals of the World – 2 vol.

REF QL 703 W3 1999 VAN

Walker's Marine Mammals of the World

REF QL 713.2 N69 2003 VAN

Dictionaries

Molecular Biology & Genetics

Biotechnology from A to Z

REF TP 248.16 B33 2004 VAN

Concise Dictionary of Biomedicine & Molecular Biology.

REF R 121 J86 1996 VAN

Dictionary of Gene Technology : genomics, transcriptomics, proteomics

REF QH 506 K333 2004 VAN

Encyclopedic Dictionary of Genetics, Genomics & Proteomics

REF QH 427 R43 2003 VAN

Glossary of Biotechnology Terms

REF TP 248.16 F54 2000 VAN

Oxford Dictionary of Biochemistry & Molecular Biology

REF QP 512 O94 2006 VAN

Vocabulaire du génie cellulaire

REF QH 611 V63 1992 VAN

Ecology & Environmental Biology

Concise Oxford Dictionary of Ecology

REF QH 540.4 C66 1994 VAN

[Dictionary of Ecology](#) (Oxford Reference Online)

Online

Dictionary of Ecology & the Environment

REF QH 540.4 C65 1998 VAN

Dictionary of Ecology, Evolution & Systematics

REF QH 540.4 L56 1998 VAN

McGraw-Hill dictionary of environmental science

REF GE 10 M378 2003 WEB

General Biology

Concise Encyclopedia: Biology

REF QH 302.5 A2313 1996 VAN

Dictionary of Abbreviations, Acronyms, Synonyms, & Symbols Used in Medicine

REF R 121 T787 2004 VAN

Dictionary of Bioinformatics & Computational Biology

REF QH 324.2 W54 2004 VAN

[Dictionary of Biology](#)

Online

Dictionary of Microbiology and Molecular Biology

REF QR 9 S56 2006 VAN

Elsevier's dictionary of zoology and general biology

REF QL 9 S58 2004 VAN

Facts on File Dictionary of Biology

REF QH 13 F35 1999 VAN

Lexique des sciences biologiques

REF QH 302.5 B68 1996 VAN

[Oxford Reference Online: Biological Sciences](#)

Online

Stedman's medical terms and phrases : a complete guide to medical language

REF R 123 S715 2005 VAN

Plant Biology

Botanical Latin

REF QK 10 S7 1992 VAN

CRC World Dictionary of Plant Names – 2 vol.
Dictionnaire de botanique
Dictionary of Plant Genetics & Molecular Biology
Dictionary of Parasitology
Dictionary of Plant Pathology
Dictionary of Plant Science
Dictionary of the Fungi
Penguin Dictionary of Plant Sciences
Plant Identification Terminology*
Vocabulaire de biotechnologie végétale

REF QK 13 Q38 1999 VAN
REF QK 9 B764+ 1988 VAN
REF QK 981 M54 1998 VAN
REF QL 757 G73 2005 VAN
REF SB 728 H65 1998 VAN
REF QK 9 D52 1998 VAN
REF QK 603 A5 2008 VAN
REF QK 9 P464 1999 VAN
REF QK 9 H37 1994 VAN
REF QK 725 B68 1988 VAN

Handbooks

Molecular Biology & Genetics

Advanced Molecular Biology
Bergey's manual of systematic bacteriology – 4 vol.
Cell & Molecular Biology: essential data
Compact Handbook of Computational Biology
Comprehensive Sourcebook of Bacterial Protein Toxins
CRC Handbook of Nucleobase Complexes - 2 vol.
Cytokine Handbook
Enzyme Reference : a comprehensive guidebook to enzyme nomenclature, reactions and methods
Handbook of Bird Biology
Handbook of Biochemistry and Molecular Biology
Handbook of Computational Molecular Biology
Handbook of Growth Factors – 3 vol.
Handbook of Microbiological Media
Handbook of Proteolytic Enzymes – 2 vol.
Handbook of RNA Biochemistry – 2 vol.
Handbook of Statistical Genetics
[Methods in Enzymology](#) - multi-volume series.
Oxford Handbook of Nucleic Acid Structure
[The Prokaryotes: a handbook on the biology of bacteria](#)
Stem cells handbook
Vectors: essential data

REF QH 506 T97 1998 VAN
REF QR 81 B46 1984 VAN
REF QH 506 R53 1995 VAN
REF QH 324.2 C56 2004 VAN
REF QP 632 B3C65 2006 VAN
REF QP 625 N89C73 1990 VAN
REF QR 185.8 C95 C85 1998 VAN
REF QP 601 P875 2002 VAN
REF QL 673 H263 VAN
REF QH 345 H347 2010 VAN
REF QH 324.2 H357 2006 VAN
REF QP 552 G76 P56 1994 VAN
REF QR 66.3 A85 2004 VAN
REF QP 609 P78H36 2004 VAN
REF QP 623 H36 2005 VAN
REF QH 438.4 S73H36 2003 VAN
REF QP 601 M5 VAN **Online**
REF QD 433.5 S77 O94 1999 VAN
REF QR 72.5 P76 VAN **Online**
REF QH 587 S728 2004 VAN
REF QH 442.2 V44 1994 VAN

Ecology & Environmental Biology

Environmental Monitoring Handbook
Handbook of Environmental Analysis: Chemical pollutants in air, water, soil ...
Handbook of Functional Plant Ecology
Handbook of Insect Pheromones & Sex Attractants
Handbook of Plant Biotechnology – 2 vol.

REF QH 541.15 M64 E5878 2002 VAN
REF TD 193 P38 1997 VAN
QK 901 H295 VAN 3rd floor
REF QL 495 M365 1991 VAN
REF TP 248.27 P55C545 2004 VAN

Plant Biology

Canadian Flora

REF QK 201 C36+ VAN

Dictionary of Plant Toxins	REF RA 1250 D53 1996 VAN
Flore Laurentiene (Marie-Victorin)	REF QK 201 M33 1964 VAN
Handbook of Applied Mycology	REF QK 918 S64 1991 VAN
Handbook of Clinically Tested Herbal Remedies – 2 vol.	REF RM 666 H33H363 2004 VAN
Handbook of Photosynthesis	REF QK 882 H246 2005 VAN
Handbook of Phytoalexin Metabolism & Action	REF QK 898 P66 H35 1995 VAN
Handbook of Plant Biotechnology – 2 vol.	REF TP 248.27 P55C545 2004 VAN
Phytochemical Dictionary: a handbook of bioactive compounds ...	REF QK 898 B54P48 1993 VAN
Plant Molecular Biology Labfax	REF QK 728 P545 1993 VAN
Plant Vitamins: agronomic, physiological & nutritional aspects	REF QK 898 V5 M63 1994 VAN
Yeasts: characteristics and identification	REF QK 617.5 B39 2000 VAN

Atlases

Molecular Biology & Genetics

Atlas of Immunology	QR 182 C78 2010 VAN 3rd floor
Atlas of Mammalian Chromosomes	REF QH 605 A752 2006 VAN
Atlas of Xenopus Development	REF QL 558 E265 A85 1999 VAN
Biochemical Pathways: An Atlas of Biochemistry & Molecular Biology	REF QP 171 B685 1998 VAN
Historical Atlas of Immunology	REF QR 182 C784 2005 VAN
Practical Atlas of Bacterial Identification	REF QR 54 C85 2000 VAN

Histology & Cytology

Atlas of Histology	REF QM 557 F5513 2000 VAN
Color Atlas of Normal Cytology	REF QH 582 H47 1999 VAN
Color atlas of Xenopus laevis histology	REF QL 668 E265W54 2003 VAN
Di Fiore's Atlas of Histology with Functional Correlations	REF QM 557 F5513 2000 VAN
Illustrated Encyclopedia of Human Histology	REF QM 550.2 K77 1984 VAN

Anatomy

Atlas of Endocrine Organs	REF QP 187 A84 1992 VAN
Human Microscopic Anatomy	REF QM 557 K79 1991 VAN
Thieme Atlas of Anatomy: general anatomy and musculoskeletal system	REF QM 25 A4513 2006 VAN
Thieme atlas of anatomy : neck and internal organs	REF QM 25 S35 2006 VAN
Wolf-Heidegger's Atlas of Human Anatomy	REF QM 25 W633 2005 VAN

Guides to Writing Papers in Biological Sciences

AMA Manual of Style : a Guide for Authors and Editors (at Reference Desk)	REF R 119 A533 2007 VAN
Planning, Proposing, and Presenting Science Effectively	QH 315 H25 2006 VAN 3rd Floor
Scientific style and format : the CSE manual for authors, editors, and publishers	REF T 11 S386 2006 VAN
Student Handbook for Writing in Biology	QH 304 K59 2009 VAN 3 rd Floor
Writing Papers in the Biological Sciences	REF QH 304 M35+ 1988 VAN

Biological Abstracts (BIOSIS Previews) – Internet access

BIOSIS Previews is the most comprehensive index in life sciences. It combines journal content from Biological Abstracts® with supplemental, non-journal content from Biological Abstracts/RRM® (Reports, Reviews and Meetings):

Subject coverage: general biology, molecular biology, genetics, biotechnology, biochemistry, ecology, environmental biology, botany, zoology, biomedicine, pharmacology, veterinary science, nutrition; and public health.

Medline (on PubMed) – Internet access

PubMed database provides citations with abstracts to worldwide biomedical literature. Covers research, clinical practice, administration, policy issues and healthcare. Includes all foreign languages and is fully indexed.

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Web of Science – (1979 - onward) Internet access

Science Citation Index Expanded (SCI) is a multidisciplinary database, with searchable author abstracts, covering the journal literature of the sciences. It indexes 5,900 major journals across 150 scientific disciplines.

Ecological Abstracts on Geobase – Internet access

GEOBASE integrates the content of several print indexes, including Ecological Abstracts.

Helminthological Abstracts – Internet access

INDEX QL 392 H4 Vanier Library This database covers taxonomy, biology, pathology, immunology, diagnosis, epidemiology, treatment and control of all helminths (Monogenea, Aspidogastrea, Digenea, Cestoda, Acanthocephala, Nematoda) parasitic in man and domestic and wild animals.

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