

BOTANY

Following is some general information about resources and tools to assist researchers in the field of Botany. 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:

Algae; Aquatic plants; Biology – Authorship; Botanical literature; Botanical microscopy; Botany; Ethnobotany; Fruit; Marine flora; Natural history illustration; Nuts; Phytogeography; Plant cells and tissues; Plant breeding; Plant cytochemistry; Plant communities; Plant diseases; Plant ecology; Plant genetics; Plants; Plants, cultivated; Report writing; Roots (Botany); Scientific illustration; Seeds; Stems (Botany); Technical writing; Trees; Vegetables; Vegetation surveys; Wetland flora; Wild flowers

REFERENCE SOURCES

Atlas of plant morphology / by E.L. Fisk and W.F. Millington **REF QK641 .F5 1959**

An atlas of the native woody plants of Maine : a revision of the Hyland maps / J.S. McMahon, G.L. Jacobson, Jr. and F. Hyland. **REF G1216.D2 M2 1990**

Botanical Latin: history, grammar, syntax, terminology and vocabulary / [by] William T. Stearn.
REF QK10 .S7 1973

Checklist of the vascular plants of Maine / Josseyn Botanical Society of Maine. **REF QK164 .C5 1995**

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

Composition of scientific words : a manual of methods and a lexicon of materials for the practice of logotechnics / Roland Wilbur Brown. **REF PE1580 .B7 1956**

The concise Oxford dictionary of botany / edited by Michael Allaby. **REF QK9 .C67 1992**

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

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

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

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

Flora of Maine : a manual for identification of native and naturalized vascular plants of Maine / A. Haines and T.F. Vining. **REF QK164 .H35 1998**

GardenWeb glossary of botanical terms <http://glossary.gardenweb.com/glossary/>

Flora of North America north of Mexico **REF QK110 .F55 1993**

The genera of flowering plants : Angiospermae / by J. Hutchinson. **REF QK495.A56 H8 1964**

Gray's Manual of botany : a handbook of the flowering plants and ferns of the central and northeastern United States and adjacent Canada. **REF QK117 .G75 1950**

The Guild handbook of scientific illustration 2nd ed. **Q222 .G85 2003**

Illustrated companion to Gleason and Cronquist's manual : illustrations of the vascular plants of northeastern United States and adjacent Canada / Noel H. Holmgren **REF QK117 .H65 1998**

Integrated Taxonomic Information System <http://www.itis.gov/>

The length and breadth of Maine / S.B. Attwood **REF F17 .A8 1974**

Manual of vascular plants of northeastern United States and adjacent Canada / Henry A. Gleason and Arthur Cronquist. **REF QK117 .G49 1991**

The names of plants / David Gledhill. **REF QK96 .G54 2002**

National list of scientific plant names. **REF QK96 .N35 1982**

The new Britton and Brown illustrated flora of the Northeastern United States and adjacent Canada / by Henry A. Gleason **REF QK117 .G5 1952**

The plant-book : a portable dictionary of the higher plants utilising Cronquist's An integrated system of classification of flowering plants (1981) and current botanical literature arranged largely on the principles of editions 1-6 (1896/97-1931) of Willis's A dictionary of the flowering plants and ferns / D.J. Mabberley. **REF QK11 .M29 1987**

Plant life: The Illustrated encyclopedia of world geography. **REF QK101 .P55 1991**

Scientific writing and communication : papers, proposals, and presentations / Angelika H. Hofmann. Oxford University Press, 2010. **Q223 .H63 2010**

Seeds of woody plants in the United States / prepared by the Forest Service **REF SB170 .Y68 1992**

Study and communication skills for the biosciences / Stuart Johnson and Jon Scott Oxford University Press, 2009 **QH315 .J64 2009**

A synonymized checklist of the vascular flora of the United States, Canada, and Greenland / John T. Kartesz. **REF QK110 .K37 1994**

Writing for science / R. Goldbort **T11 .G626 2006**

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>

Business Source Premier (EBSCOhost) <http://libraries.maine.edu/mainedatabases/authmaine.asp?db=bsi>

Garden and Landscape Design & History (EBSCOhost)

<http://search.ebscohost.com/login.aspx?authtype=ip,uid&profile=ehost&defaultdb=puh>

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

The Lichen Literature of Maine <http://csdept.umfk.maine.edu/LichensWebsite/bibsme.asp>

JOURNALS/E-JOURNALS

American Journal of Botany

Botany [formerly Canadian Journal of Botany]

Conservation Biology

The Journal of the Torrey Botanical Society

Plant Science Bulletin / Botanical Society of America

Restoration Ecology

Revista Brasileira de Botanica / Sociedade Botanica de Sao Paulo (English, Portuguese, or Spanish)

<http://www.scielo.br/cgi-bin/fbpe/fbsite?got=site&pid=0100-8404&lng=en>

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

ASSOCIATIONS/SOCIETIES

American Botanical Council <http://herbalgram.org/default.asp?c=defaulthome>

American Society of Plant Biologists <http://www.aspb.org/>

American Society of Plant Taxonomists <http://www.sysbot.org/>

Botanical Society of America <http://www.botany.org/>

New England Wild Flower Society <http://www.newfs.org/>
Northeast Algal Society (NEAS) <http://www.e-neas.org/>
Phycological Society of America <http://www.psaalgae.org/>
Society for Economic Botany <http://www.econbot.org>
Weed Science Society of America <http://www.wssa.net/>

WEB SOURCES

Algal Base <http://www.algaebase.org/>
Botanicus Digital Library <http://www.botanicus.org/>
Center for Plant Conservation <http://www.centerforplantconservation.org/welcome.asp>
Cyperaceae Interactive Identification Keys <http://www.herbarium.lsu.edu/keys/>
Encyclopedia of life <http://www.eol.org/>
FirstGov.gov The U.S. Government's official web portal <http://www.firstgov.gov/>
International Plant Names Index <http://www.ipni.org/index.html>
Internet Directory for Botany: Listservers and Newsgroups <http://www.botany.net/IDB/>
MBL/WHOI Library Digital Herbarium <http://www.mblwhoilibrary.org/archives/herb/index.html>
Plants database (USDA) <http://plants.usda.gov/>
Plant Evolution Timeline <http://www.ensemble.ac.uk/projects/plantsci/timeline/>
Species 2000 <http://www.usa.sp2000.org/>
VPlants : A virtual herbarium of the Chicago region <http://www.vplants.org/>

DVDs/VIDEOS/SLIDES

The Private life of plants **VIDEO 580 P75 v.1 – v.6**
Seeds, stems, roots **VIDEO 581 Se32r**
The seedy side of plants **DVD 581.3 Se43**
Techniques in plant identification **VIDEO 581 T226**
Tree anatomy above ground / by Alex L. Shigo. **SLIDES 582.1604 Sh61a**
Tree anatomy below ground [filmstrip] / by Alex L. Shigo. **SLIDES 582.1604 Sh61b**

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