

ENTOMOLOGY

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

Agricultural pests; Animal communication; Bees; Beetles; Beneficial insects; Biological pest control agents; Chemical senses; DDT (Insecticide); Entomology; Forest insects; Garden pests; Insect pests – Biological control; Insecticides; Insects – Ecology; Insects – Identification; Insects – Physiology; Insects as carriers of plant disease; Insect pests; Insect-plant relationships; Malathion; Organic gardening; Ornamental shrubs – Diseases and pests; Ornamental trees – Diseases and pests; Pests – Biological control; Pests – Control; Pesticides; Pesticides and wildlife; Pheromones; Plant diseases; Plants, protection of; Pollination by insects; Trees – Disease and pests;

REFERENCE SOURCES

American insects : a handbook of the insects of America north of Mexico / Ross H. Arnett, Jr.

REF QL474 .A76 1985

Annual review of entomology **QL461 .A6**

Atlas of insects harmful to forest trees / text by Vladimir Novak **REF SB761 .N93 1976 v1**

Basic guide to pesticides : their characteristics and hazards / Shirley A. Briggs & the staff of Rachel Carson Council **REF RA1270.P4 B73 1992**

Biological control of insect and mite pests of woody landscape plants : concepts, agents and methods **SB933.3 .R24 1993**

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

Control of pests and weeds by natural enemies : an introduction to biological control / Roy Van Driesche, Mark Hoddle, and Ted Center **SB975 .V38 2008**

CRC handbook of pesticides **REF SB961 .H36 1995**

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**

Ecology of insects : concepts and applications / M.R. Speight, M.D. Hunter, A.D. Watt. **QL496.4 .S66 2008**

Encyclopedia of insects **REF QL462.3 .E49 2003**

The Encyclopedia of natural insect & disease control : the most comprehensive guide to protecting plants--vegetables, fruit, flowers, trees, and lawns--without toxic chemicals / edited by Roger B. Yepsen, Jr. **REF SB974 .E53 1984**

The Firefly encyclopedia of insects and spiders **REF QL462.3 .F57 2002**

Garden insects of North America / Whitney Cranshaw. **REF SB605.N7 C73 2004**

Handbook of toxicity of pesticides to wildlife / Richard K. Tucker and D. Glen Crabtree. **REF S914 .A3 no. 84**

Handbook of vegetable pests / John L. Capinera. **REF SB603.5 .C36 2001**

How to know the insects : an illustrated key to the more common families of insects, with suggestions for collecting, mounting and studying them / H.E. Jaques. 2nd ed. **QL467 .J35 1947**

Insect ecology : an ecosystem approach / Timothy D. Schowalter **QL496.4 .S56 2000**

Insect physiology and biochemistry / James L. Nation. **QL495 .N37 2002**

Insects : their natural history and diversity : with a photographic guide to insects of eastern North America
QL473 .M34 2006

Insects and flowers : the biology of a partnership / Friedrich G. Barth **QL496 .B3613 1991**

Insects of eastern forests **REF SB762 .I5 1985**

Insects of the world **REF QL463 .L4615 1972**

Insects that feed on trees and shrubs / by Warren T. Johnson and Howard H. Lyon **REF SB762 .J63 1991**

Pest control with nature's chemicals: allelochemicals and pheromones in gardening and agriculture / by Elroy L. Rice. **SB975 .R53 1983**

Radcliffe's IPM World Textbook / E. B. Radcliffe, W. D. Hutchison & R. E. Cancelado [eds.], Univ. of Minnesota, St. Paul, MN. <http://ipmworld.umn.edu>

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

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

Trap responses of flying insects : the influence of trap design on capture efficiency / R.C. Muirhead-Thomson. **QL496 .M85 1991**

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>

AgNIC – Agriculture Network Information Center [<http://www.agnic.org/>]

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

Garden, Landscape & Horticulture Index

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

JOURNALS/E-JOURNALS – a sampling

Annual review of entomology **QL461 .A6**

Applied entomology and zoology <http://www.jstage.jst.go.jp/browse/aez/-char/en>

Coleopterists' bulletin (Online) <http://www.bioone.org/bioone/?request=get-journals-list&issn=0010-065X>

Ecological entomology <http://search.epnet.com/login.aspx?direct=true&db=aph&jid=EU4>

Environmental entomology <http://www.bioone.org/bioone/?request=get-journals-list&issn=0046-225X>

Florida entomologist <http://www.fcla.edu/FlaEnt/>

Journal of applied entomology <http://search.epnet.com/direct.asp?jid=EV8&db=aph>

Journal of economic entomology <http://www.bioone.org/bioone/?request=get-journals-list&issn=0022-0493>

Journal of insect science <http://www.bioone.org/bioone/?request=get-journals-list&issn=1536-2442>

Journal of the New York Entomological Society

<http://www.bioone.org/perlserv/?request=get-journals-list&issn=0028-7199>

Physiological entomology <http://search.epnet.com/login.aspx?direct=true&db=aph&jid=ET4>

Systematic entomology <http://search.epnet.com/login.aspx?direct=true&db=aph&jid=2F1>

VIDEOS/DVDs

How to use a dichotomous key in identifying aquatic insects **VIDEO 595.7 H83**

Insect identification – II **VIDEO 595.7 In7i**

Insect metamorphosis and structure **VIDEO 595.7 In7m**

Insectia **DVD 595.7 In719** (4 discs)

Life in the undergrowth **DVD 595.7 At81**

On target part I : Hydraulic spray equipment **VIDEO 632.94 N213 Part I**
On target part II : Hydraulic sprayer calibration **VIDEO 632.94 N213 Part II**
On target part III : proper pesticide application **VIDEO 632.94 N213 Part III**

ASSOCIATIONS/SOCIETIES

The Acadian Entomological Society <http://www.acadianes.org/>
American Association Professional Apiculturists <http://entomology.ucdavis.edu/aapa/>
American Beekeeping Federation <http://www.abfnet.org/>
American Entomological Institute <http://www.amentinst.org/>
American Phytopathological Society <http://www.apsnet.org/>
American Society of Plant Biologists <http://www.aspb.org/>
Association for Applied Acridology International <http://www.sdvc.uwyo.edu/grasshopper/aaaitoc.htm>
Association of Applied IPM Ecologists <http://www.aaie.net/>
Association of Natural Biocontrol Producers <http://www.anbp.org/>
Coleopterists' Society <http://www.coleopsoc.org/>
The Dragonfly Society of the Americas (D.S.A) <http://odonatacentral.bfl.utexas.edu/dsa1/>
Entomological Society of America <http://www.entsoc.org/>
Entomological Society of Canada <http://www.esc-sec.ca/>
International Society of Hymenopterists <http://www.hymenopterists.org/>
The Lepidopterists' Society <http://www.lepsoc.org/>
Maine Entomological Society <http://www.colby.edu/MES/>
North American Butterfly Association <http://www.naba.org/>
Society for Invertebrate Pathology <http://www.sipweb.org/>
Worldwide Dragonfly Association <http://ecoevo.uvigo.es/WDA/dragonfly.htm>
The Xerces Society for Invertebrate Conservation <http://www.xerces.org/>

WEB SOURCES

Biology browser <http://www.biologybrowser.org/>
Biological Control: a guide to natural enemies in North America <http://www.nysaes.cornell.edu/ent/biocontrol/>
Bugwood <http://www.bugwood.org/>
Cornell University. Cooperative Extension. Pest Management Guidelines <http://ipmguidelines.org/>
The Diptera Site : Information about the world's flies <http://www.sel.barc.usda.gov/diptera/diptera.htm>
ECOTOX Database <http://cfpub.epa.gov/ecotox/>
Encyclopedia of life <http://www.eol.org/>
EXTOXNET (Pesticide Information Profiles (PIPs)) <http://extoxnet.orst.edu/pips/ghindex.html>
Invasive Species <http://www.invasive.org/>
ITIS (Integrated Taxonomic Information System) <http://www.itis.gov/index.html>
MCZ Type Database @ Harvard Entomology
<http://mcz-28168.oeb.harvard.edu/mcz/FMPro?-db=Species.fm&-lay=web&-format=search.htm&-view>
Ohioline: Yard and Garden: Insects and Pests <http://ohioline.osu.edu/lines/pests.html>
The Plants Database – USDA <http://plants.usda.gov/>
University of Maine. Cooperative Extension. Pest Management Office <http://pmo.umext.maine.edu>

GOVERNMENT SITES

Maine Department of Agriculture. Division of Plant Industry <http://www.maine.gov/agriculture/pi/>
Maine Department of Agriculture. Division of Plant Industry. Integrated Pest Management (IPM) council
<http://www.maine.gov/agriculture/pi/ipmcouncil/index.htm>
Smithsonian National Museum of Natural History. Dept. of Entomology. National Insect Collection
<http://entomology.si.edu/>
U.S. Department of Agriculture <http://www.usda.gov/wps/portal/usdahome>
U.S. Department of Agriculture Animal and Plant Health Inspection Service <http://www.aphis.usda.gov/>

University of Maine Cooperative Extension Pest Management Office

<http://www.umext.maine.edu/topics/pest.htm>

USA.gov The U.S. Government's official web portal <http://www.usa.gov/>

[Coleoptera](#) (beetles) [Diptera](#) (flies, mosquitoes) [Heteroptera](#) (true bugs, flower bugs, and minute pirate bugs) [Hymenoptera](#) (ants, bees, sawflies, and wasps) [Isoptera](#) (termites) [Lepidoptera](#) (butterflies, moths) [Mantodea](#) (mantids) [Neuroptera](#) (alderflies, antlions, dobsonflies, fishflies, lacewings, owlflies, snakeflies) [Odonata](#) (damselflies, dragonflies, darners) [Orthoptera](#) (crickets, grasshoppers, katydids, locusts) [Phasmida](#) (walking sticks) [Arachnida](#) (mites, scorpions, spiders, ticks)

Dorothy W. Quimby Library

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