

# ***Forsyth Library's***

## ***Biological Sciences***

### ***Research Guide***

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# Databases

## [Science Direct](#)

Click the link above, then on the title in the alphabetical list.

Abstracts and articles covering agricultural science, biology, microbiology, biochemistry, genetics, environmental science, immunology and more.

## [General Science Full-Text](#)

Click the link above, then on the title in the alphabetical list. Check the box for General Science at the top.

Abstracts and articles from leading professional journals and popular science magazines. Citations back to 1984; full-text of selected periodicals back to 1995.

## [CINAHL](#)

Citations and some full-text scholarly articles covering all aspects of medicine.

## [Science Citation Index Expanded](#)

“Provides access to current and retrospective bibliographic information, author abstracts, and cited references found in approximately 5,900 of the world's leading scholarly science and technical journals covering more than 150 disciplines.”  
~Thomson

## [JSTOR](#)

Back issues of the following science journals:

[Annual Review of Ecology and Systematics](#)  
1970-2002

[Ecological Applications](#) 1991-2003

[Ecological Monographs](#) 1931-2003

[Ecology](#) 1920-2005

[Journal of Animal Ecology](#) 1932-2003

[Journal of Ecology](#) 1913-2003

## [Biological and Agricultural Index Plus](#)

Click on the link above, check the box for OmniFile, and select “Biological & Agricultural” from the Subject Area menu.

Abstracts and articles from a wide variety of scientific publications. Date coverage varies by journal.

## [WorldCat:](#)

Search for books and other materials in libraries worldwide. Click on the title of the book to see more information, including a link to “borrow this item from another library”.

## [BioOne](#)

Full-text high-impact bioscience research peer-reviewed journals and bulletins published by American Institute of Biological Sciences and closely related organizations.

## [ISI Basic Science Index](#)

A multi-disciplinary database, with searchable author abstracts, covering 800 major journals across 100 scientific disciplines. (No full-text).

## [Agricola: Catalog of the National Agricultural Library](#)

(citations, abstracts only)

Click on “[Advanced Search](#)” to enter terms and select what part of the NAL you want to search

“The National Agricultural Library collection of more than 3.5 million items covers all aspects of agriculture and related sciences.” ~NAL website.



## [Electronic Journals](#)

Individual issues of journals you can browse online

Click the link above to see all available electronic journals, in all subjects

[Click here to browse all full-text Science journals in the Forsyth Library Databases](#)

\*Print Journals dated 1994 - present are located on the Main Floor of the library

### [Annual Review of Biochemistry](#)

Full-Text: Vol. 66 (1997) - Current Volume  
First page only: vol. 1 (1930) - vol. 65 (1996)

*Print holdings:* v. 1930 - present, but many volumes missing: QP501.A7\*

### [Annual Review of Ecology and Systematics](#)

Full-Text: vol. 27 (1996) - Current Volume  
First page only: vol. 1 (1970) - vol. 65 (1996)

NOTE: [JSTOR](#) contains full-text for 1970-2001

*Print holdings:* vol.1 (1970) - vol. 33 (2002):  
QH540.H53 - 2<sup>nd</sup> Floor

### [Annual Review of Entomology](#)

Full-text: vol. 41 (1996) - present  
First page only: vol. 1(1956) - vol. 40(1995)

*Print holdings:* v. 1 (1956) - present: QL461.A5\*

### [Annual Review of Genetics](#)

Full-text: vol. 34(2000) - present  
First page only: vol. 1(1967) - v.33(1999)

[InfoTrac OneFile](#) has full-text for 1993-2003

*Print holdings:* 1967 - 2007: QH431.A1.A54\*

[PLOS Biology: an open-access journal from the Public Library of Science](#)

[Click here to browse Science Journals in the Directory of Open Access Journals](#)

\*Print Journals dated before 1994 are located in the basement of the library

### [Annual Review of Microbiology](#)

Full-text: vol. 50(1996) - present  
First page only: vol. 1(1947) - v.49(1995)

[InfoTrac OneFile](#) has full-text for 1993-2003

*Print holdings:* 1974 - 2006: QR1.A5\*

### [Annual Review of Physiology](#)

Full-text: Vol. 59 (1997) - present  
First page only: v. 1 (1939)- v.58 (1996)

*Print holdings:* 1974-2006  
AP1.A535 --2<sup>nd</sup> Floor.

### [Annual Review of Plant Biology](#)

Formerly *Annual Review of Plant Physiology...*

Full-text: Vol. 47 (1996) - present  
First page only: v. 1(1950) - v. 46 (1995)

*Print Holdings:* v. 1950 - present: QK1.A48\*

### [Journal of Forestry](#)

Full-Text: v. 1 (1902) - present

*Print holdings:* 1924 - present, but many volumes missing: SD1.S63\*

### [Systematic Biology](#)

Full-text: v. 47 (1998) - present  
*Print holdings:* 1992 - present: QH83.S9\*

## **Select Print Journals**

Issues/Volumes **dated 1994 - present** are located in the Periodicals Section on the Main Floor; **Pre-1994** are located in the basement

“**Indexed**” means the database noted can be searched to find citations from that journal, but does not contain the full-text articles.

\*“**Incomplete**” means some volumes or issues of the journal are missing/lost. Look up the journal title in the [Online Catalog](#) to see detailed holdings information.

<p><b>American Biology Teacher</b>      QH1.A275 v. 1(1938) - present, (Incomplete*)</p> <p><a href="#">BioOne</a> has full-text 2000-present Indexed in <a href="#">ISI Science</a> 1991-present</p>	<p><b>Microbiology and Molecular Biology Reviews</b>      QR1.B25 1937-2007</p> <p>Indexed in <a href="#">ISI Science</a> 1991 - present</p>
<p><b>American Zoologist</b>      QL1.A448 <b>Starting in 2002, this journal was renamed:</b> <b>Integrative &amp; Comparative Biology</b> 1961-present</p> <p><a href="#">Wilson OmniFile</a> database has electronic full-text from 1997 - 2001 <a href="#">BioOne</a> has full-text 2002-2005</p> <p>Indexed in <a href="#">ISI Science</a>, <a href="#">PubMed</a></p>	<p><b>Quarterly Review of Biology</b> Microfilm: 1926-1941: MF574.05 Q1b Print: 1942 - present: QH301.Q3</p> <p><a href="#">Expanded Academic</a> has full-text 1997 - present</p> <p>Indexed in <a href="#">ISI Science</a> 1991 - present</p>
<p><b>Biological Conservation</b>      S900.B5 1967- present, (incomplete)</p> <p>Indexed in <a href="#">ISI Science</a>,</p>	<p><b>American Journal of Botany</b> 1914 - present (incomplete)</p> <p><a href="#">AMJB.org</a>: Full-text back to Jan., 1998 <a href="#">Wilson OmniFile</a>: full-text to 1999</p> <p>Indexed in <a href="#">ISI Science</a> 1991-present</p>
<p><b>Conservation Biology</b>      QH75.A1.C665 1995 - present (incomplete) Indexed in <a href="#">ISI Science</a>,</p>	<p><b>Journal of Wildlife Management</b> 1937 - present: SK351.J68</p> <p>Indexed in <a href="#">ISI Science</a></p>
<p><b>Environmental Pollution</b> Microfilm: 1987 - 2005: MF574.505 E61 Print: Basement: 1970 -79: TD180.A1 E53</p> <p>Indexed in <a href="#">ISI Science</a></p>	<p><b>American Forests</b> 1912 - Autumn 2006 (incomplete): SD1.A55</p> <p><a href="#">Expanded Academic</a> has full-text 1989 - present</p>
<p><b>Journal of Biological Chemistry</b> Microfilm: 1984-present: MF 612.01505 J86 Print: 1920-1983 (incomplete) Basement QP501.J7 Indexed in <a href="#">ISI Science</a></p>	<p><b>Journal of Ecology</b> 1913 - present (incomplete): QH540.J68 <a href="#">JSTOR</a> has full-text 1913 - 2003 Indexed in <a href="#">ISI Science</a></p>

# Finding Full-Text Articles Flowchart

Search for your topic in a database (see p. 2), and choose an article. Is there a link to the full-text located underneath the article title/citation?

NO

YES

Click on the link to see the entire article.

- **HTML** = text only
- **PDF** = looks like a photo of the printed page, including graphics. Photos might not appear due to copyright restrictions.

Is there:

- a link for **LinkSource**
- a link that says "Get Article"
- a circular blue & green icon

NO

YES



Click on the link or icon. **If you are off campus, call the library at 785-628-5283 or e-mail [refserv@fhsu.edu](mailto:refserv@fhsu.edu) to get the LinkSource username & password.**

This will activate a search of other databases for the article. **If it is found, it will appear in a new window.**

If not, you'll see:

**"There were no results to display".**

**If the article was not found**

Are you on-campus, or are you a Hays-area student?

NO

YES

You can request the article through:

[Distance Services](#)  
(Click on Services on the Library's Homepage)

**Be sure to allow adequate time for your article to arrive.**

Search the [Online Catalog](#) for a print or microform copy of the article.

Type in the name of the JOURNAL in which the article appears, and click "journal title keyword". If it is found, click on the title, and look at the dates available to see if the year you need is there.

Note the **call number** and find the journal in the Periodicals section (1994 or later), the basement (pre-1994) or on microfilm (MF call #), in the filing cabinets in the Periodicals section. **Library staff members are glad to help you with the MF readers and printers, if needed.**

If we don't own the article in print or microfilm, you can request the article through:

[Interlibrary Loan](#)  
Click on Services on the Library's homepage.

**Be sure to allow adequate time for your article to arrive.**



## Finding Books

If you would like to browse for books,  
try looking in these areas in the General Collection on the 2nd floor:

QD: Chemistry  
QH: Natural history, biology, genetics, reproduction, fish, ecology  
QK: Botany  
QL: Zoology  
QM: Human Anatomy  
QP: Physiology  
QR: Microbiology  
SD: Forestry

### How to use the [Online Catalog](#) to search for books

To access the catalog, click on the link above, or go to the library's homepage at [www.fhsu.edu/forsyth\\_lib](http://www.fhsu.edu/forsyth_lib). Next, click on "Online Catalog", on the left hand side under *Quick Links*.

Type in your topic in the "Find this" box. Type in just the key (most important) words, and leave out "the", "and", "an", etc. Next, choose what type of search you want to do: keyword, title keyword, journal title, etc. This tells the computer where you want it to look for your search terms:

**All Fields (Keyword) Search:** Searches for your term in every area, including title, descriptions, publisher, author, etc. This search will yield many results, but many will be irrelevant because your term is just mentioned briefly, and is not necessarily a focus of the book.

**Title (Keyword):** Note: if you enter a phrase, enclose it in quotation marks (e.g. "anatomy of hope"). This type of search finds only those items which have your search terms in the title. It is a good way to find items that focus on your topic. You can also use this search if you are looking for a specific book but are unsure of the exact title.

**Subject Browse:** Finds the categories (subject headings) that include your search term. For example, a search for *Art* yields the broad topic, plus subtopics by country, time period, style, etc.

**Author:** Find all works (owned by Forsyth Library) by a particular author. Enter the name last name first, followed by the first name, or an initial, if you know it.

**Journal Title (Keyword):** Search for a full or partial title of a journal, newspaper or magazine title. Click on the title to see the call number and what years/issues of this periodical the library owns.

Once you've found a title you like, note the **location, call number, and availability**.

Title: *The anatomy of hope: how people prevail in the face of illness.*

Location: General Collection: Top Floor

Call Number: R726.5 G76 Status: Available

# ***Print & Electronic Reference Sources***

## ***Electronic Sources***

[Credo Reference Database](#) contains electronic reference books. Enter your term in the Search Box, or click on "Browse Topics", then on a topic to search encyclopedias, dictionaries, maps, images and audio files.

## ***Print Sources***

### ***Dictionary of Modern Biology***

Reference: QH302.5 R83 1997

### ***Oxford Dictionary of Biochemistry and Molecular Biology***

Reference:QP512.O94

### ***Encyclopedia of Environmental Biology***

Reference:QH540.4 E52 1995

### ***Dictionary of Ecology and Environmental Science***

Reference: GE10.D53 1993

### ***Ecology and Classification of North American Freshwater Invertebrates***

Reference: QL151.E36 2001

### ***National Audubon Society Almanac of the Environment: the Ecology of Everyday Life***

Reference: GE195.7.H37 1994

### ***Last Rain Forests: a World Conservation Atlas***

Reference: QH545.5 R27 L37 1990

### ***Watching Kansas Wildlife: Guide to 101 Sites***

QL177.G73

3 Copies, located in Reference, the General Collection, and the Western Collection.

### ***Concise Oxford Dictionary of Botany***

Reference: QK9.C67

### ***Pasture and Range Plants* ( published by FHSU)**

Western Collection: QK938.P7 P47 2001

### ***Forestry Handbook***

Reference: SD373.F58 1984

### ***National Audubon Society Field Guide to Fishes***

Reference: QL625.G56 2002

### ***Fishes in Kansas***

Reference: QL628.K3 C69 1995

### ***Grizmek's Animal Life Encyclopedia***

Reference: QL3. G7813 2003

### ***Dictionary of Zoology***

Reference: QL9.C66

### ***Beachman's Guide to the Endangered Species of North America***

Reference: QH77.N56 B43 2001



Websites chosen by Forsyth Librarian Judy Salm:

[Biological Sciences Websites](#)

[Websites by Subject](#)

[Quick Reference](#)

### ***Additional Websites***

[Biodidac](#): digital resources, including images, PowerPoints, and documents, for use in teaching biology. Website was created by the University of Ottawa.

[Bioline International](#)

Provides "open access to quality research journals published in developing countries. Topics include: tropical medicine, infectious diseases, epidemiology, emerging new diseases, biodiversity, the environment, conservation and international development. With peer-reviewed journals from Brazil, Cuba, India, Indonesia, Kenya, South Africa, Uganda, Zimbabwe and more.."

~Description from the website

[National Center for Biotechnology Information \(NCBI\)](#)

"NCBI creates public databases, conducts research in computational biology, develops software tools for analyzing genome data, and disseminates biomedical information - all for the better understanding of molecular processes affecting human health and disease." ~website

[IUCN \(World Conservation Union\) Red List of Threatened Species](#)

Assesses and provides data on "the conservation status of species, subspecies, varieties and even selected subpopulations on a global scale in order to highlight taxa threatened with extinction, and therefore promote their conservation." ~IUCN

[BioTech: Life Sciences Resources and Reference Tools](#)

" Located in [Dr. Andrew Ellington lab](#) at [University of Texas at Austin](#), BioTech is a hybrid biology/chemistry educational resource and research tool ... By providing information about resources, as well as avenues for further exploration, we intend to open the doors of biology resources to post-secondary students, researchers, and faculty. "[Website] contains an illustrated dictionary, annotated links, Chemistry Acronym guide, and much more.

[Cells Alive!](#)

Photos, video files and illustrations of living cells, with information on microbiology, cell biology, microscopy and more. Website was created by a retired professor from the University of Virginia.



# Citing Your Sources

## Style Guides

**Online:** [Duke University's Citation Guide](#) (the basics)

**Print:** Style manuals can be found at the Reference Desk, and in the following areas:

- **GC:** General Collection on the 2<sup>nd</sup> Floor. These can be checked out.
- **RES:** Reserve Desk on the 1<sup>st</sup> floor: **3 hour check-out.**
- **REF:** Reference Area on the 1st floor. For use in the library. No check-out.

If you are unsure about which style manual to use, consult your professor.

**CBE Style:** [AC5.4f A45](#) **REF**

[CBE Format and Style Guide](#) by *Ohio State University*

American Psychological Association (APA) : [BF76.7 .P82](#) **GC, RES, REF**

APA Style Guide to Electronic References: [BF76.7 .P82 suppl. I 2008](#), **RES, REF**

[APA Format and Style Guide](#) by *Purdue Writing Lab*

Modern Language Association (MLA): [LB2369.G53](#) **GC, RES, REF**

[MLA Format and Style Guide](#) *Purdue Writing Lab*

Chicago Manual of Style: [Z253.U69](#) **GC, REF**

[Chicago Format & Style Guide](#) *Ohio State University*

Turabian Manual for Writers: [LB2369.T8](#) **GC, RES, REF**

[Turabian Format & Style Guide](#) *Ohio State University*

For additional writing assistance, visit or contact the

[FHSU Writing Center](#)

628-4106, Forsyth Library Rm. 20

**HOURS:** Monday - Thursday: 9:00 a.m. – 5:00 p.m.

Monday, Tuesday & Wednesday Evenings: 6:30–8:30 p.m.

Friday: 9:00 a.m.–12:30 p.m.