



**BIOLOGY 207**  
**Biological Investigation II**

**GETTING STARTED IN THE LIBRARY (AND ON YOUR TOPIC)**

First, make sure that you have visited the library's website at [www.library.ehc.edu](http://www.library.ehc.edu). Many of the resources listed in this handout will be accessed or located there. Second, unless you are already an expert on your topic, some background information or a general overview might be useful. The titles listed below, all located in the reference section of Kelly Library, have good articles on science related topics. They are examples of **specialized encyclopedias**—they focus on a particular subject, as compared to **general** encyclopedias, such as *Americana* or *World Book*.

*Encyclopedia of Bioethics* REF/QH/332/.E52

*Encyclopedia of Human-Animal Relationships* REF/QL/85/.E53/2007/vols. 1-4

*Encyclopedia of Physical Science* REF/Q/121/.R77

*Gale Encyclopedia of Science* REF/Q/121/.G35

*Encyclopedia of Science and Technology Communication* REF/Q/225.2/.U6/E53

*McGraw-Hill Encyclopedia of Science and Technology* REF/Q/121/.M3/2012

*New Dictionary of Scientific Biography* REF/ Q/141/.N45

*New Encyclopedia of Southern Culture: Environment* REF/F/209/.N47/v.8

*Reader's Guide to the History of Science* REF/Q/125/.R335/2000

*Encyclopedia of the Scientific Revolution: From Copernicus to Newton* REF/ Q/125/.E53

*Salem Health: Genetics* REF/RB/155.5/.G4616/2010/vols. 1-3

*Scientific American Science Desk Reference* REF/Q/173/.S427

In addition to many print resources in the reference section, there are several databases that contain reference-type material. A few examples are:

[Credo Reference](#)

[Gale Virtual Reference Library](#)

[Biography in Context](#)

You can find links to these databases on Kelly Library's [A-Z Databases](#) list.

**FINDING INFORMATION IN THE (ALMOST) WHOLE LIBRARY COLLECTION**

An easy way to search most of the library's resources that are actually in the building, or full-text in its databases, is through [E&H OneSearch](#). Take a look at the following example--- a **search** on "global warming" AND "vegetation".

Searching: **E&H OneSearch**

"global warming" Select a Field (optional) Search

AND vegetation Select a Field (optional) Clear ?

AND Select a Field (optional) + -

Basic Search Advanced Search Search History >

Refine Results Search Results: 1 - 50 of 77,549 Relevance Page Options Share

Ask A Librarian: Contact

Continue your Search: >

HA HOLSTON ASSOCIATED LIBRARIES

APA PsycNET

CQ Researcher

FACTIVA

LexisNexis University

ProQuest Sociological Abstracts

WorldCat

DynaMed Plus

Current Search

Find all my search terms:

"global warming" AND vegetation

Expanders

Also search within the full text of the articles

Apply equivalent subjects

Limiters

Available in Library Collection

Limit To

Available in Library Collection

E&H Catalog Only

Scholarly (Peer Reviewed) Journals

1947 Publication Date 2018

Credo Reference

global warming

The warming of the atmosphere and oceans due to increasing concentrations of certain gases in the atmosphere (see greenhouse effect ). The major gases

Other Topics: Global Warming—Scientific Consensus and Debates, Global Warming and its Effects on Flora and Fauna, Greenhouse Gases, Global Warming, and Insects, What happens to the coastline when the sea level changes?.

1. Modeling **vegetation** community responses to sea-level rise on Barrier Island systems: A case study on the Cape Canaveral Barrier Island complex, Florida, USA.

(English) ; Abstract available. By: Foster TE; Stolen ED; Hall CR; Schaub R; Duncan BW; Hunt DK; Drese JH, Plos One [PLoS One]. ISSN: 1932-6203, 2017 Aug 10; Vol. 12 (8), pp. e0182605; Publisher: Public Library of Science; PMID: 28796807, Database: MEDLINE Complete PubMed

Subjects: Global Warming; Plants; Wetlands

PDF Full Text (5.8MB) PlumX Metrics

2. Pattern of NDVI-based **vegetation** greening along an altitudinal gradient in the eastern Himalayas and its response to **global**

Notice the **checkbox** limiting the search results of about 77,549 items to **“Available in Library Collection.”** This search includes everything on the A – Z List except the **databases on the right side of the screen shot.** This is an easy way to make a first pass in your research, and find a substantial number of full-text items.

When the box is unchecked, the list of results expands to over 99,000 items.

### CAN I LOOK AT INDIVIDUAL DATABASES?

You may prefer to look at some of these databases individually. Let’s look at the catalog and a few databases.

### FINDING MATERIAL WITH THE CATALOG

After you have found some general information, you might want longer, more detailed information. One great place to look is in the **online catalog** ([innopac.hal.org](http://innopac.hal.org)). Emory & Henry College belongs to a group, or a consortium, of four libraries called **Holston Associated Libraries**, and they share a common catalog. Sometimes you will hear library staff members refer to the catalog as **HAL**. All types of items are in our catalog; besides

books, there are DVDs, CDs, maps, electronic books and other electronic resources. You can search for material in several different ways: by **subject**, **title**, **author** and **keyword**.

The screenshot below is from a **subject** search for **natural selection**.

SUBJECTS (1-50 of 77)

**Natural selection.**

1  
  
 E-Book

  
 Reviews & More

[Adaptation and Environment.](#)  
 Brandon, Robert N.  
 Princeton : Princeton University Press, 2014. 2014

E&H E-Resources, King E Resources

Copies	LOCATION	CALL #	STATUS
	E&H Electronic Resource		INTERNET
	King Electronic Resource		INTERNET
No copies available			
<a href="#">Click here to view full record</a>			

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2  
  
 Book

  
 Reviews & More

[Adaptation and natural selection; a critique of some current evolutionary thought](#)  
 Williams, George C. (George Christopher), 1926-2010.  
 Princeton, N.J., Princeton University Press, 1966. 1966

E&H Kelly, King Bristol

Copies	LOCATION	CALL #	STATUS
	E&H Kelly Main Collection	<a href="#">QH546 .W55</a>	CHECK SHELVES
	King Bristol Circ Books	<a href="#">QH546 .W55</a>	CHECK SHELVES
2 copies available at E&H Kelly Main Collection and King Bristol Circ Books			
<a href="#">Click here to view full record</a>			

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3  
  
 E-Book

  
 Reviews

[Adaptation and natural selection : a critique of some current evolutionary thought](#)  
 Williams, George C. (George Christopher), 1926-2010, author.  
 Princeton, N.J. : Princeton University Press, 1996. 1996

E&H E-Resources, King E Resources

Copies	LOCATION	CALL #	STATUS
	E&H Electronic Resource		INTERNET
	King Electronic Resource		INTERNET

Here is the full record for one of those results. It gives you information about the book, its location and availability status.

  
 E-Book

  
 Reviews & More

Author **Brandon, Robert N.**  
 Title **Adaptation and Environment.**  
 Imprint **Princeton : Princeton University Press, 2014.**

Connect to  
[access for E&H patrons](#)  
[access for King patrons](#)

LOCATION	Copies	CALL #	STATUS
E&H Electronic Resource			INTERNET
King Electronic Resource			INTERNET

Descript 1 online resource (226 pages).  
 Series Princeton Legacy Library  
**JSTOR Books**  
**Princeton legacy library.**

Note Cover.  
 Summary By focusing on the crucial role of environment in the process of adaptation, Robert Brandon

These sample searches are very basic; there are many ways you can limit or tailor your search. We won't go deeply into that now, but the library staff wants you to be aware of the catalog and that it has the holdings in all kinds of formats of its member libraries. The most important thing to remember is to ask for help!

### WHAT DO THESE STRANGE LETTERS AND NUMBERS MEAN?

After you have found books and other material in the catalog, how do you find these things in the library? The call numbers may not look like what you are used to in your school learning resource center or local public library. That's because Kelly Library uses the [Library of Congress classification system](#), and your school or public library probably used the **Dewey Decimal** system. Both classification schemes do the same thing: group library materials together by subject. To help make things clearer, take a look at this interactive [tutorial](#) (<http://uri.libguides.com/c.php?g=42388&p=268465>) from the University of Rhode Island to help you decipher Library of Congress call numbers. Also, if you are having a tough time finding items on the shelves, do not hesitate to ask any circulation staff member or reference librarian for help.

In general, most of the circulating items on are on the top floor of the library. The reference collection, periodicals and newspapers are on the main floor. The ground floor has the IT Help Desk, an open computer lab (Kelly Lab), the McGowan Lab, and a government documents collection.

### FINDING MATERIAL BY USING DATABASES

Besides books, you will want articles. Articles generally fall into two groups: popular magazines and scholarly periodicals. You have online access to both kinds of articles through the many databases this library subscribes to. Kelly Library subscribes to many online full-text and partially full-text databases that would be helpful in locating material for your research assignments in this class. You may access them from the library web page ([www.library.ehc.edu](http://www.library.ehc.edu)) by clicking on the **A-Z Databases** link.

#### **Academic Search Complete**

Academic Search Complete is a periodical database that includes both popular and scholarly journals. It has full text articles as well as indexing and abstracting for many more journals. Another similar database to try is [General Onefile](#).

#### **JSTOR**

JSTOR is an online journal collection that has the backfile of hundreds of journals, usually with a moving wall of three to five years.

#### **BioOne**

This collection includes a broad selection of the full-texts, peer-reviewed journals and bulletins published by AIBS (American Institutes of Biological Sciences) member societies and other closely related organizations

#### **Environment Complete**

Environment complete covers applicable areas of agriculture, ecosystem ecology, energy, renewable energy sources, natural resources, pollution & waste management, environmental technology, environmental law, public policy, social impacts, urban planning, and more.

### Scifinder Scholar

This is a bibliographic and research database from Chemical Abstracts Services (CAS). A one-time online registration is required.

### E&H OneSearch

Have you tried using **E&H OneSearch**? It's our new discovery search product that allows you to search most of the library's databases (including the catalog) simultaneously. You can access it from the **main library page**, or the **A – Z Database** list.

Kelly Library also subscribes to about 400 print journals, magazines, and newspapers. Print periodicals are kept on the main floor of the library, with current issues in the periodicals alcove.

## WHAT DOES “SCHOLARLY” VERSUS “POPULAR” MEAN?

Throughout your college career, you will hear professors and librarians mention popular magazines and scholarly journals. Or, your professors may tell you to rely on scholarly, not popular sources. What does that mean? Generally, articles in popular magazines, such as *Time*, *Sports Illustrated*, *Glamour*, *Psychology Today*, etc. are geared toward a large audience. Scholarly journals, such as the *American Historical Review*, *American Journal of Psychology*, *Mind*, *International Journal of Ethics*, etc. are aimed at scholars and students in specialized fields. *People* is a magazine about celebrities and popular culture; the *Journal of Popular Culture* studies and analyzes it. There is a [helpful chart](http://lib.skidmore.edu/library/index.php/how-do-i-homepage/37-how-do-i-category/418-scholarly-vs-popular-articles) (<http://lib.skidmore.edu/library/index.php/how-do-i-homepage/37-how-do-i-category/418-scholarly-vs-popular-articles>) on the Skidmore College's Library website that will help you distinguish the differences between the two types of publications.

## WHAT DO YOU DO IF AN ARTICLE IS NOT FULL-TEXT IN A DATABASE?

If you're looking, for example, in [Academic Search Complete](#), and you find an article that is not full-text, what do you do? Go to our [Journals by Title](#) list! An article citation that may not be full-text in one database may very well be full-text in another one of the library's dozens of databases. Just search for the title of the journal to retrieve a list of databases that offer it in full text, along with which years are available.

If you find books or articles that you do not have access to in Kelly Library, you may wish to use the interlibrary loan service. Please speak with a librarian for further details about this service.

## DOCUMENTATION AND PLAGIARISM

Plagiarism is serious academic misconduct. The **E&H Academic Code** clearly states that it is a student's responsibility to give credit to another person's exact words or unique ideas. The **Honor Code** reinforces this concept with the statement that one of its elements is "A commitment to abstain from all forms of cheating and plagiarism." Documenting sources correctly will help you avoid this mistake in your papers and presentations. In high school, you may have already had some experience with the Turabian style of documentation. Your professors will talk to you more in-depth about this issue. Three other common styles you may hear your professors mention are **MLA** (Modern Language Association), **APA** (American Psychological Association) and the

**Chicago Manual of Style.** The library has guides for all of them. Also, on the library's [Research Tips](#) page, there are links to several helpful sites.

### YOUR BEST RESOURCE

Your best resource in the library is the people who work here! **If you are having problems** locating or using any of these resources, **please ask a library staff member for assistance.** We're here to help you with your information needs. Kelly Library is open 90+ hours a week during the regular semester, and reference librarians are available 8am – 7pm Monday – Thursday and 8am-5pm Friday.

**Librarians:** Jane Caldwell, Jody Hanshew, Janet Kirby, and Ruth Castillo

**Circulation Staff:** Adam Alley, Cindy Goodson, Christine Mitten, and Melissa Phelps.

Another valuable resource available to you on this campus is the E&H [Writing Center](#) in McGlothlin-Street 233. The tutors there can work with you to improve your papers by giving you advice on grammar, organization and documentation matters; it is not an editing service. For information on operating hours and tutor schedules, call ext. 6723 or check the Writing Center webpage. Also, you may want to consult with [Academic Support Services](#) in the **Powell Resource Center** at ext. 6144.

One more resource that will help you with your research: Diana Hacker's grammar and composition book **A Writer's Reference**. It contains an excellent section on doing research—how to set realistic deadlines, form a topic and refine it, etc. as well as giving you some practical tips.

**Remember:** We're here to help you with your information needs. Please don't hesitate to ask us for help. You can reach us by:

- calling the Circulation Desk at ext. 6208
- emailing [askalibrarian@ehc.edu](mailto:askalibrarian@ehc.edu)
- visiting the library in person
- scheduling a research appointment (<http://calendly.com/jcaldwell-ehc>, <http://calendly.com/jhanshew-ehc>, or <https://www.ehc.edu/live/profiles/483-janet-kirby>)

[www.library.ehc.edu](http://www.library.ehc.edu)  
[askalibrarian@ehc.edu](mailto:askalibrarian@ehc.edu)  
 276.944.6208



<https://www.facebook.com/KellyLibrary>

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