Botany 101: Library Session, Spring 2015

Welcome to library instruction for Botany 101! This guide will help you navigate the library's resources and services.

* UHM Library homepage: http://library.manoa.hawaii.edu/

Hawaii Voyager vs. OneSearch

Hawaii Voyager is the UH System library catalog.
UHM Library homepage: http://library.manoa.hawaii.edu/

Hawaii Voyager vs. OneSearch

Hawaii Voyager

is the UH System library catalog.

OneSearch

is a search engine that includes UHM’s catalog plus an index of academic journals—some that we have access to, and some that we do not. We will explore both resources.

Searches only the library’s website, not the collection. Can be used to find helpful links.

For finding physical resources in the library

Our primary links for finding books & articles

Activity: Search for a journal
Activity: Search for a journal

In Basic search, type in...
"American Journal of Botany"
...and search using
"Journal title begins with"

Search by:
- Keywords
- Title
- Author
- UH Manoa: All Collections
- 2013 And After
- Videorecording/DVD
- Electronic Resource
- Musical Recording
- English language materials

Note the information in the top half of the record—this is information about the
Note the information in the top half of the record—this is information about the journal.

Note the Holdings information in the lower half of the record. This is about the UH System’s access to this journal.

Activity: Search for a book

1) Find the tab for "Advanced Search."

2) In the first advanced search box, type in "botany" and select "Subject keyword."

3) In the second search field, type in "Hawai"i, Hawaiian, Hawaiians, etc.

(The "?" searches Hawai’i, Hawaiian, Hawaiians, etc.)
Activity: Search for a book

1) Find the tab for "Advanced Search."

2) In the first advanced search box, type in "botany" and select "Subject keyword."

3) In the second search field, type in "Hawai?" (The "?" searches Hawai`i, Hawaiian, Hawaiians, etc.)
Advanced searches allow us specify what we want more accurately.

Searching by the subject “botany” returns only resources with the topic botany.

Using a ? for the last “i” in “Hawai?i” will search Hawai’i, Hawaiian, Hawaiians, etc.

More ways to limit a search by year, location, resource type, etc.
Note below: Click on the record to use the "Get this item" link. Use it to:

- recall a checked out item,
- to page an item in the Hawaiian Pacific Collection or the AV Wong Media Center,
- or to transfer an item from another campus.
Understanding Call Numbers

• Call numbers tell us where the physical book is on the shelf
• Our library’s system: Library of Congress classification
• Alphabetical & numerical order

EX: QK13 .Q38 2000

Alphabetical order (letters are assigned a topic). EX: botany is QK

Numbers and letters mark sub-topics, or topics within a topic (ex: plant names)

.Q38 comes BEFORE .Q4 because these numbers are decimals! Even though 38 is greater than 4, 0.4 is greater than 0.38.
<onesearch.lib.hawaii.edu>

OneSearch includes the UH Voyager Catalog plus a huge index of academic journals.

Activity! Search on a topic of your choice.

1) Put in keywords and launch search.
2) Refine search using limiters on left margin.
3) Click View Online tab to view full-text (if available).
Quick Tutorial: Boolean Logic

- Searches using "AND," "OR," or "NOT"

- AND - finds results with your all search terms (narrows your search)
- OR - finds results with any of your search terms (broadens your search)
- NOT - finds results with only one of your search terms. NOT narrows your search.

For more information, visit our Boolean Operators LibGuide: <http://guides.library.hawaii.edu/boolean>
Subject Guides

Activity: Locate the Botany 101: Information literacy guide.

1) Start at the library homepage and search "Botany".
2) From the library homepage, select the "Subject Guides" link and search "Botany".

Tip: Use the screenshots below to help you.

Sometimes also called Research Guides or "LibGuides" - have links to databases & information about books/resources to help you research your topic.
Find your topic by searching here, or...

...see the alphabetical list below.
Journal indexes/databases:
Publications that scan hundreds of journals & provide info about the articles in the journals (simplifies finding articles).

Periodicals:
Used synonymously with journals. Any publication that has regularly recurring volumes.

Abstract:
A summary of the contents of an article. Not every article has one.
Activity! Find the database Web of Science using one of the 3 methods below.

1. From the Botany 101 LibGuide:
   - Follow the link above.
   - Click the green "Scholarly Article Databases" tab at the top of the screen.
   - Web of Science is in the top-left corner.

2. From the Sci-Tech Homepage:
   - Follow the link above.
   - Click on the link for "Sci-Tech Databases A-Z".
   - Scroll down to "W" for Web of Science.

3. From the Library Homepage:
   - Follow the link above.
   - Click on the link for "Databases" (under the "Research Support" heading).
   - Scroll down to "W" for Web of Science.

Important:
You must use the library website to access our databases because our subscriptions are for students/faculty only. You can do this from anywhere you have Internet.
top of the screen
- Web of Science is in the top-left corner
An alphabetical list of all the library’s databases.
Web of Science

- Enter your topic keywords
- Refine by using the categories on the left

Note: Using the Sorting option to sort by Times Cited can bring to the top articles that have been used a lot (a kind of popularity index) by other scientists.
Activity

- Enter `wagner w*` in the Cited Author field
- Enter `manual*` in the Cited Work field
- Enter `1999` in the Cited Year(s) field
- Click on Search
- Select the record(s) that matches most closely the work(s) you are searching on and Finish the Search

Web of Science (cont.)

*Cited Reference Search:*
You can search on a book, website, or article in Cited Reference Search to find articles that have cited that item. Select Cited Reference Search under the drop down menu next to Basic Search.

Select "Cited Reference Search" from the dropdown menu here.
This feature allows us to find out who has cited a particular author or resource.

Select the correct resource and then click "Finish Search."

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<th>Cited Author</th>
<th>Cited Work [SHOW EXPANDED TITLES]</th>
<th>Year</th>
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Databases

We use databases to find information quickly. (Ex: of journal Biological Abstracts, Web of Science, Academic Search Premier, Hawaii Voyager.) Instead of using a database you could flip through all of the science journal issues in the library, and scour the biology book shelves to find relevant information—this could take a lifetime.

Use the databases:

- Select a database that will likely have articles relevant to your topic
- Put in keywords that are in your topic question
- Observe how the database operates with your keywords; notice if there are descriptors or other vocabulary suggested by the creators of the database
- Figure out how to get the full-text of the article—we use a button labeled FIND IT in most of our licensed databases.
1. Complete mitochondrial genomes from the ferns Ophioglossum vulgatum and O. ranarius are highly repetitive with the largest organellar introns of the Ophioglossales. Guo, Wenhu; Zhu, Andan; Fan, Weishu; et al. NEW PHYTOLOGIST Volume: 213 Issue: 1 Pages: 391-403


3. The morphogenic responses and phytochelatin complex formation change in the presence of cadmium.
Search Tips:
Each database has its own terms, or "descriptors" for a subject. For example, "fern" and "monilophytes" will retrieve different results. (Shown below.)
Other Helpful Links:

- Other databases for Botany:
  - Biological Abstracts
  - JSTOR
  For more, visit <http://guides.library.manoa.hawaii.edu/BOT101/Scholarly>

- For Citation Styles for Botany:
  <http://guides.library.manoa.hawaii.edu/BOT101/Citing>

- Web of Science Subject Guide:
  <http://guides.library.manoa.hawaii.edu/wos>

- Scientific Names and Plant Taxonomy:
  - Encyclopedia of life
  - CRC World Dictionary of Plant Names (print)
  For more, visit <http://guides.library.manoa.hawaii.edu/botany/taxonomy>

- **Interlibrary Loan:** Use this service to request items we don't have in the library. (Allow approx. 7 days for delivery.)
  <http://guides.library.manoa.hawaii.edu/c.php?g=105821&p=683187>

- Academic Ethics and Evaluating Sources:
  - Botany 101 guide: <http://guides.library.manoa.hawaii.edu/BOT101/Ethics>
  and <http://guides.library.manoa.hawaii.edu/>