Barnard Library: Finding the Best Resources  
BIOL 3367: Ecophysiology  
Feb. 2, 2015, 8:40-9:55am  
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STARTING YOUR RESEARCH

- **Online Research Guides**: On the library home page, library.barnard.edu, click on “Guides and Tutorials” then “Subject Specific Guides.” Or click on “Research Guide” in CourseWorks.
- **Research Help**: email or call me, or use the online chat box the library home page.
- **Consultations**: Request a one-on-one consultation with me via email or the Contact Us page.

SCHOLARLY AND POPULAR SOURCES

Scholarly journals and books are written for specialized readership,
- by scholars or experts in a field of study, describing “cutting edge” research,
- “peer reviewed” or “refereed” by other experts as a quality control mechanism,
- have footnotes (or endnotes) and references,
- give the affiliation of the authors (university, research institution),
- in the sciences and the social sciences, each article also has an abstract.

Popular magazines are written for a general audience, and do not have the above features.

SCHOLARLY DATABASES

- **Web of Science**: Also known as Science Citation Index. Useful for determining how many articles have cited another article. You can sort the results by “Times Cited” to find out which articles are the most influential.
- **Google Scholar**: Retrieves only scholarly material. This is a full text search, so you may get too many irrelevant hits. Using the Advanced search, you can search titles only, but you may not get enough hits. To set up your preferences to show the link to export to EndNote and to enable eLink, click on “Settings.”
- **PubMed**: Published by the National Library of Medicine. Contains the database MEDLINE as well as other material, but not a huge amount on wild animals.

More databases are listed on the Subject Guide, library.barnard.edu/find-books/guides/BIOL/BIOL
ENDNOTE

- Columbia has a subscription to EndNote and EndNote Web ("EndNote" by itself means the desktop version.). To download the desktop version onto your computer, go to cuit.columbia.edu/endnote
- To register for an EndNote Web account, go to endnote.com, click on "LOGIN TO ENDNOTE" in upper left, then “Sign Up for an account”
- See the guide on the library website at library.barnard.edu/find-books/guides/endnote

HANDS-ON EXERCISES

- Set up an EndNote Web account at endnote.com
- Open EndNote Desktop. Go to File – New to set up a new library, and call it Ecophysiology
- Search for the topic “breeding programs” wild salmon in

A. Google Scholar
   a. How many results do you find? __________
   b. Use allintitle: to limit the search to the title only. How many results are there? __________
   c. Go back to the previous list of results, and limit to articles from 2010 to 2015. How many results are there? __________
   d. Export two citations that seems to be on breeding programs and wild salmon to EndNote.

B. Web of Science
   a. How many results do you find? __________
   b. How many review articles are there? __________
   c. Use Search History to go back to the previous list of results. Which author has the most articles in this list? ________________________________
   d. Export two citations that seems to be on breeding programs and wild salmon to EndNote.

C. PubMed
   a. How many results do you find? __________
   b. How many review articles are there? __________
   c. Use the Advanced search to go back to the previous list of results.
   d. Export two citations that seems to be on breeding programs and wild salmon to EndNote.

FEEDBACK FORM
Please complete the form at http://tinyurl.com/barnard-library-feedback-LC. Thanks!