

Cerritos College Library

In the Wilford Michael Library & Learning Resource Center

BIOLOGY 200 – Parasite Ecology - PROFESSORS COVILL & RAWAL

The Assignment

- Locate primary research papers from peer-reviewed scientific journals.
- General topic is **parasite ecology**.
- Write a 2-3 page review of the paper including an explanation of the research topic, methods, and findings.
- Include the full text of the article with your review.
- The goal of the assignment is to give you experience searching for, finding, reading, and summarizing scientific research articles.

Sample Search Terms

- ecology
- ecosystems
- parasites
- parasitism
- parasitology
- wildlife
- salt marsh
- food chains
- population
- predation
- host behavior
- symbiotic relationship
- commensalism
- ecological facilitation
- host-parasite interaction

Narrow Your Search

- parasites and ecosystems
 - > parasites and "salt marsh"
 - > parasites and "salt marsh" and snail
- ecology and parasites
 - > wildlife and parasites
 - > birds and parasites
 - > raptors and parasites
 - > condors and parasites and California
- tapeworms and coyotes

The Databases

➤ **EBSCOhost**

EBSCO provides full text for over 1,730 periodicals covering a broad range of disciplines including the general sciences. In addition to the full text, this database provides indexing and abstracts for more than 2,400 titles. EBSCO allows you to refine your search for peer-reviewed and full-text articles.

➤ **Highwire**

<http://highwire.stanford.edu/> or <http://highwire.stanford.edu/lists/freart.dtl>

A division of the Stanford University Libraries, HighWire Press hosts a large repository of peer-reviewed content, with 1065 journals and 4,460,110 full text articles from over 130 scholarly publishers. HighWire-hosted publishers have made 1,802,428 articles free.

➤ **Agricola**

<http://agricola.nal.usda.gov/>

The National Library of Agriculture's online catalog provides access to bibliographic records, journal articles, book chapters, short reports, and reprints on agriculture including plants, crops, animals, and livestock.

➤ **Directory of Open Access Journals**

<http://www.doaj.org>

Free, full text, quality controlled scientific and scholarly journals in all subjects and languages. There are now 2858 journals in the directory. Currently 910 journals are searchable at article level. Over 150,000 articles are included in the DOAJ service.

➤ **PubMed**

<http://www.ncbi.nlm.nih.gov/entrez/query.fcgi>

PubMed, a service of the National Library of Medicine, includes over 15 million citations for biomedical and life science articles back to the 1950's. PubMed includes links to many sites providing full text articles but not all are free. Free articles have a colored slash on the article icon.

➤ **PubMed Central**

<http://www.pubmedcentral.nih.gov>

PubMed Central (PMC) is the U.S. National Institutes of Health free digital archive of biomedical and life sciences journal literature. PMC offers free access to its contents and contains over half a million articles, most of which have a corresponding entry in PubMed.

➤ **BioMed Central**

<http://www.biomedcentral.com/>

BioMed Central is the publisher of 196 peer-reviewed open access journals. All research articles in all journals published by BioMed Central are open access. They are immediately and permanently available online without charge.