



Locating Research Literature in Horticulture and Crop Science

OSU Libraries

library.osu.edu

September 2011

Librarians

Columbus

Dr. Florian Diekmann

diekmann.4@osu.edu

614-688-8413

Google Chat: diekmann.4

Jessica Page

page.84@osu.edu

614-688-8474

Yahoo IM: jessicapageosu

Google Chat: jpage76

Wooster (OARDC)

Constance J. Britton

britton.4@osu.edu

330-263-3773

Yahoo IM: constancebritton

Library Locations

Food, Agricultural and Environmental Sciences Library

045 Agricultural Administration Building

2120 Fyffe Rd.

Columbus, OH 43210

614-292-6125

Hours: Mon-Wed 8am-8pm

Thu-Fri 8am-5pm

Closed Sat

Sun 4pm-8pm

OSU OARDC Library

Fisher Auditorium

1680 Madison Ave.

Wooster, Ohio 44691

330-263-3773

Hours: Mon-Fri 8am-5pm

Closed Sat and Sun

Hours for other library locations can be found online:

<http://library.osu.edu/sites/libinfo/hours.php>.

Finding Books

Books held by OSU Libraries

Search the OSU Libraries catalog from the OSU Libraries' home page to locate books, theses, journals and other items held by OSU.

<http://library.ohio-state.edu/search/>

Books held by other OhioLINK institutions

OhioLINK is a consortium of 88 Ohio college and university libraries, and the State Library of Ohio. Search the OhioLINK catalog to locate the 48 million books, and other items held by these institutions and request that they be sent to you at OSU.

<http://olc1.ohiolink.edu/search/>

Electronic Books

You can locate many e-books using the OSU Library catalog. Thousands more scholarly and reference e-books are available from the OhioLINK Electronic Book Center.

<http://ebooks.ohiolink.edu/ebc-home/>

Finding Articles

Research Databases

List of general and specialized databases listed alphabetically by title or by subject:

<http://library.ohio-state.edu/screens/databases.html>

Electronic Journals

Online Journal List (OSU): <http://nf4hr2ve4v.search.serialssolutions.com/>

Electronic Journal Center (OhioLINK): <http://journals.ohiolink.edu/ejc/>

OLinks Journal Article Lookup (EJC): <http://olinks.ohiolink.edu/article-lookup.php>

Citation Matcher (PubMed): <http://www.ncbi.nlm.nih.gov/corehtml/query/static/citmatch.html>

Finding Articles: Recommended Databases

Database	Description
Academic Search Complete	Provides full text for more than 3,430 scholarly publications covering academic areas of study including social sciences, humanities, education, computer sciences, engineering, language and linguistics, arts & literature, medical sciences, and ethnic studies. This database is updated daily.
AGRICOLA	AGRICOLA (AGRICultural OnLine Access) serves as the catalog and index to the collections of the National Agricultural Library, as well as a primary public source for world-wide access to agricultural information. The database covers materials in all formats and periods, including printed works from as far back as the 15th century. The records describe publications and resources encompassing all aspects of agriculture and allied disciplines, including animal and veterinary sciences, entomology, plant sciences, forestry, aquaculture and fisheries, farming and farming systems, agricultural economics, extension and education, food and human nutrition, and earth and environmental sciences.
AGRIS	AGRIS is the international information system for the agricultural sciences and technology. It was created by the Food and Agriculture Organization of the United Nations (FAO) in 1974, to facilitate information exchange and to identify world literature dealing with all aspects of agriculture. The system collects bibliographic references to either conventional (journal articles, books) or non-conventional materials (sometimes called "grey literature" e.g. theses, reports, etc.,) not available through commercial channels. One of the main reasons for AGRIS' existence is to encourage the exchange of information among developing countries, whose literature would not be covered by other international systems.
BioOne	BioOne is an indexed and fully-searchable collection of abstracts that link to the fulltext articles available from the BioOne organization. BioOne provides a unique aggregation of over 82 high-impact bioscience research journals from more than 66 publishers. Additional publishers and journals will be added over time.
BIOSIS Previews	Contains references to journal articles, reports, literature reviews, conference papers, patents, and book synopses in the life sciences. Coverage includes 5500 journals and 1500 international meetings in agriculture, biology, biotechnology, environment, and the health sciences.
Business Source Complete	Business Source Complete is a scholarly business database, providing a leading collection of bibliographic and full-text content. Included as part of the comprehensive coverage offered by this database are indexing and abstracts for the most important scholarly business journals, dating back as far as 1886.
CAB Direct	Over 9,000 journals are scanned for inclusion, as well as books, conferences, reports, and other kinds of literature published internationally with abstracts in English prepared from papers originally published in over 70 different languages. Subjects covered include: animal and crop husbandry, animal and plant breeding, plant protection, genetics, forestry, engineering, economics, veterinary medicine, human nutrition, and rural development. Particularly good for materials from Great Britain, Europe, and Commonwealth Countries.
Dissertation Abstracts	ProQuest Dissertations and Theses contains more than 2.4 million citations, with abstracts (since 1980) to dissertations accepted for doctoral degrees by accredited North American educational institutions and more than 200 institutions elsewhere. Dissertation Abstracts also contains citations, with abstracts (since 1988), to some masters' theses. Coverage includes approximately 3,000 subject areas, as well as masters theses and some dissertations from Canadian and overseas institutions. Includes free full-text for all dissertations submitted since 1997.
Garden, Landscape & Horticulture Index	The premier resource for access to articles about gardens and plants. Topics include horticulture, botany, garden and landscape design and history, ecology, plant and garden conservation, garden management, and horticultural therapy. A highlight of the database is its focus on environmentally sustainable horticultural and design practices. Indexed and abstracted are more than 300 core titles, the majority of which are published in English.
Environment Complete	Environment Complete contains all of the content available in Environment Index, as well as full text for 400 journals, including many of the most used journals in the discipline, such as Environment (back to 1975), Ecologist, Conservation Biology, etc. Environment Complete also provides full text for 80 monographs, such as Encyclopedia of World Environmental History (3 volumes), Advances in Water Treatment & Environmental Management, etc. Further, the database

Database	Description
	offers full text for the conference papers of the North American Association of Environmental Education.
Environmental Sciences and Pollution Management	This multidisciplinary database provides comprehensive coverage of the environmental sciences. Abstracts and citations are drawn from over 5690 serials including scientific journals, conference proceedings, reports, monographs, books and government publications
Google Scholar	Google Scholar provides a simple way to broadly search for scholarly literature. From one place, you can search across many disciplines and sources: articles, theses, books, abstracts and court opinions, from academic publishers, professional societies, online repositories, universities and other web sites. Google Scholar helps you find relevant work across the world of scholarly research.
Plant Management Network	Plant Management Network is a cooperative resource for the applied plant sciences. Designed to provide plant science practitioners fast electronic access to proven solutions, the Plant Management Network offers an extensive searchable database comprised of thousands of web-based resource pages from the network's partner universities, companies, and associations. In addition, the network's four peer-reviewed citable journals, Applied Turfgrass Science, Crop Management, Forage and Grazinglands, and Plant Health Progress, provide credible current information in areas important to practitioners, policy makers, and the public.
SciFinder Scholar	SciFinder Scholar/Chemical Abstracts is the largest and most comprehensive database of chemical literature in the world. It covers not only the core areas of chemistry, but also chemistry related sciences such as biotechnology, agricultural chemistry, toxicology and environmental science among others. SciFinder Scholar is software based on client/server architecture that permits easy, natural language searching of the Chemical Abstracts database by research topic, author, chemical substance or reaction.
Scopus	Scopus is a multidisciplinary abstract and citation database including peer-reviewed titles from international publishers, journals, conference proceedings, trade publications, and quality web sources. The database contains 41 million records and nearly 18,000 titles from 5,000 publishers worldwide. Includes over 3 million conference papers and provides 100% Medline coverage. Scopus offers sophisticated tools to track, analyze and visualize research.
Turfgrass Information File (TGIF)	TGIF provides access to all published materials reporting on aspects of turfgrass and its maintenance. TGIF provides access to published and electronic resources, including annual research reports, conference proceedings, trade publications, scientific journals, field day programs, and newsletters. There are now over 100,000 records in TGIF, with a gradually increasing percentage of content linked to full-text sources.
Web of Knowledge: Journal Citation Reports	Provides easy access to data that helps you evaluate and compare scholarly journals. Includes virtually all specialties in the areas of science, technology, and social sciences. The JCR databases uses citation data from more than 9,100 journals from over 2,200 publishers in approximately 230 disciplines from 78 countries evaluate the world's leading journals.
Web of Knowledge: Science Citation Index, Social Science Citation Index	A multi-disciplinary database, with searchable author abstracts, covering the journal literature of the sciences and social sciences. It indexes approximately 10,000 of the highest impact journals worldwide, including Open Access journals and over 110,000 conference proceedings across 256 disciplines. A unique feature of this database is cited reference searching.

Interlibrary Loan / Document Delivery Services (ILLiad)

If an article you need is across campus or around the globe.

Article Express

Provides electronic delivery of journal articles, book chapters, and proceedings papers to OSU faculty, staff, and students. The online form can be used to request articles from both OSU and non-OSU collections at no cost to you. Requests from the OSU Collections are usually filled within 3 business days; however, copies obtained from non-OSU collections may take longer. Users can access their articles on our server from any computer with internet access, a browser, and Adobe Acrobat reader. For more information, including limits on requests, go to <https://osu.illiad.oclc.org/illiad/osu/ArticleExpressLogon.html>.

Keep Up With Current Literature (Current Awareness Services)

Type of search	Receive alerts when new articles of interest are available. May require a free account or registration. Results may be delivered by email or RSS feed.
Table of Contents <i>Contents of newly added issues from your journal picks</i>	Publishers' websites —visit publisher website and look for alert services MyEJC : http://journals.ohiolink.edu/ejc/login.cgi (My [OhioLINK] Journals) TicTOCS : http://www.tictocs.ac.uk/
Keyword <i>Customized keyword searches run on newly added journal issues</i>	Research databases —saved searches executed manually or when database is updated MyEJC : http://journals.ohiolink.edu/ejc/login.cgi (My Searches) Online catalog : https://library.ohio-state.edu/patroninfo/ Login to your account. Create a preferred search within the catalog. The system notifies you when new resources are added matching your search criteria. Google Scholar : http://scholar.google.com Get email alerts when new articles related to your interests are published.
Cited articles <i>You are alerted when new articles citing a prior article are added</i>	Web of Knowledge : http://apps.webofknowledge.com.proxy.lib.ohio-state.edu/ (My Citation Alerts) Scopus : http://www.scopus.com.proxy.lib.ohio-state.edu/home.url (My alerts)

Managing Citations

	Software that helps store, manage, and format bibliographic citations.
Web-based	RefWorks : A web-based bibliography and database manager that allows users to create their own personal database by importing references from text files or online databases. You can use these references in writing your papers and automatically format the paper and the bibliography. Free to OSU community. https://www.refworks.com/Refworks/login.asp?WNCLang=false EndNote Web : http://www.myendnoteweb.com/ Free access to web-based EndNote from a university (authorized) IP address. Account must be used or reactivated periodically. Zotero : http://www.zotero.org/ Free, easy-to-use Firefox extension and desktop program (beta) to help you collect, manage, and cite your research sources. Mendeley : http://www.mendeley.com/ A desktop and web program for managing and sharing research papers, discovering research data and collaborating online.
Workstation-based	<i>Purchase through software vendors; educational discounts may apply.</i> EndNote : http://www.endnote.com/ Discount pricing available to the OSU community from http://wiredout.osu.edu/ . ProCite : http://www.procite.com/ Reference Manager : http://www.refman.com/

Thesis/Dissertation Preparation

Writing Assistance/Guides	Graduate School : http://www.gradsch.osu.edu/dissertations-and-theses.html Center for the Study and Teaching of Writing : http://cstw.osu.edu/writingcenter
Electronic Submission	OhioLINK ETD Submission : http://etd.ohiolink.edu/submit/ Graduate School Requirements : http://www.gradsch.osu.edu/guidelines.html

Last update: September 7, 2011