

## ON-LINE RESOURCES

It is difficult to describe all of the tools and techniques for searching the literature. It will, however, be quite helpful to identify some of these. In following a search strategy, it is important to be familiar with guides to library search. Most of the databases have lists of indexing terms for use in formulating search requests. A list of such selective electronic sources is presented below.

### Library Catalogs and Databases

<http://www.nal.usda.gov/isis/>

<telnet://opac.nal.usda.gov> (Natl. Agri. Libr. catalog and journal citations: login "isis").

<http://lcweb.loc.gov/z3950/gateway.html> (Library of Congress WWW/Z39.50 Gateway; with links to other libraries).

<http://lcsweb.lcspub.psu.edu/> (CIC Virtual Catalog: Search across multiple university library catalogs).

<http://ww.w3.org/hypertext/DataSources/bySubject/Overview.html> (The World-Wide Web Virtual Library: Subject Catalogue: a distributed database).

### References

<http://www.umi.com/hp/Products/Dissertations.htm> (University Microfilms International; search for titles and dissertation abstracts numbers; an order is not required for a search).

<http://www.uvm.edu/~ncrane/estyles/> (Web page for Li and Crane Electronic Styles: examples, principles, ordering information for the book).

### Abstracts, Table of Contents

Abstracts and tables of contents are available for many journals, usually at the publisher's web site. Coverage may be limited to the current year, and rarely goes back earlier than 1996. For example, following sites yield access to the contents of several hundred scientific journals. (To see if a journal you want has on-line tables of contents or abstracts, try the publisher's home page. The NAL card catalog entry for a journal identifies the publisher, and an Internet search should locate the home page).

<http://www.aic.ca/journals/index.html> (Agri. Inst. of Canada journals)

<http://www.idealibrary.com/glogin.htm> (Int. Digital Electronic Access; tables of contents and abstracts for journals from Academic Press, W.B. Saunders and Churchill Livingstone).

<http://www.blacksci.co.uk/products/journals/jnltitle.htm> (Blackwell journals).

<http://www.springer-ny.com> or <http://www.springer.de> (Springer-Verlag journals; journals of various publishers with electronic editions handled by Springer).

<http://www.wkap.nl/kapis/cgi-bin/world/jmllist.htm?Jrnlhome> (Kluwer journals)

#### **Nomenclature: Plants, Pests and Soils**

<http://www.ars-grin.gov/npgs/searchgrin.html> (scientific names of plants; crop registration; accessions; descriptors).

<http://trident.ftc.nrcs.usda.gov/plants/plntmenu.html> (Plants Database Access Table).

<telnet://fungi.ars-grin.gov> (Fungal pathogens; login “login user”, password “user”).

<http://www.scisoc.org/resource/common/> (American Phytopathological Society: Common Names for Plant Diseases 1994, updated 1996).

<http://pest.cabweb.org/GUEST/imidsind.htm> (IMI descriptions of fungi and bacteria).

<http://www.statlab.iastate.edu:80/soils/osd/> (National Official Soil Series Descriptions w/searches & FTP).

#### **Patents and Plant Variety Protection**

<http://www.uspto.gov/patft/index.html> (U.S. patents, including plant patents).

<http://probe.nal.usda.gov:8000/related/aboutpvp.html> (U.S. plant variety protection).

#### **Geography**

<http://164.214.2.59/gns/html/index.html> (USGS international).

#### **Public Nima Gnps Query Form**

<http://mapping.usgs.gov/www/gnis/index.html> [USGS Mapping Information: Geographic Names Information System, GNIS).

<http://www-nmd.usgs.gov/www/gnis/gnisform.html> (USGS Mapping Information: GNIS Data Base Query Form).

#### **Scientific Societies**

<http://www.cast-science.org/society.htm> (Council on Agricultural Science and Technology; CAST member societies, with links to most of them, including Agri. Inst. of Canada).

<http://www.aic.ca/> (Am. Agri. Econ. Assoc.).

<http://www.aaea.org/> : (Am. Assoc. Agri. Edu.).

<http://www.ais.msstate.edu/AAAE/> (Am. Assoc. of Cereal Chemists).

<http://www.scisoc.org/aacc/> (Am. Forage and Grassland Council).

<http://www.forages.css.orst.edu/Organizations/Forage/AFGC/index.html> (Am. Inst. Biol. Sci.).

<http://www.aibs.org/core/index.html> (Am. Oil Chemists' Soc.).

<http://www.aocs.org/> (Am. Peanut Res. & Educ. Soc.).

<http://clay.agr.okstate.edu/plantsoilsci/links/welcome.htm> (Am. Phytopathol. Soc.).

<http://www.scisoc.org/> (Am. Soc. Animal Sci.).

<http://www.asas.uiuc.edu/> (Am. Soc. Plant Physiologists).

<http://www.aspp.org/> (ASAE).

<http://asae.org/> (Assoc. of Official Seed Analysts).

<http://www.zianet.com/AOSA/> (Entomol. Soc. Am.).

<http://www.entsoc.org/> (Soc. for Range Management).

<http://www.srm.org/> (Soc. of Nematologists).

<http://ianrwww.unl.edu/ianr/plntpath/nematode/son/sonhome.htm> (WSSA).

### **SI Units and Conversion**

<http://physics.nist.gov/cuu/> (National Institute of Standards and Technology reference on constants, units, and uncertainty).

<http://ts.nist.gov/ts/htdocs/200/202/mpo.reso.htm> (Metric Internet links including conversion calculators).