

Writtle College Library

Subject Guide

Horticulture and Plant Science

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This guide is intended to highlight the main information sources for Horticulture students with a focus on Science – there may be other areas of the Library which are useful.

Books

Books are arranged under the Dewey class system (which runs from 000-999). Each subject area has its own number.

All Library books can be found by using the library catalogue (<http://library.writtle.ac.uk>).

Quick classification Guide

Botany/Plant Science	581
Business – Accounting	657
Business – Human Resource Management	658.3
Business – Marketing	658.8
Ecology	577, 333.7
Flora	582.13
Forestry	634.9
Fruit	634
Garden plants	635.9
Glasshouse growing	635.028
Horticultural machinery	635.03
Horticulture	635
Irrigation	631.7
Nursery growing	635.91
Pests and diseases	632.9
Propagation	635.053
Soil science	631.4
Trees	582.16

Electronic Books

In addition to traditional printed books we also have access to a growing number of electronic books or e-books.

Subscribed E-Books

Dawsonera

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

Dawsonera is a collection of around 200 e-books covering a wide range of subject areas. In addition to the purchased titles which are available for 24 hour download, 66,000 further full-text titles are available for 5 minute previews. You will need your Athens username and password to access Dawsonera.

Free Online E-Books

The Internet Public Library

<http://www.ipl.org/div/books/>

Over 20,000 titles that can be browsed by author, by title, or by Dewey Decimal Classification. No password required.

Dissertations

The Library has copies of Undergraduate 1st and 2.1 dissertations completed at Writtle College. They are included on the Library catalogue and it is possible to limit your search just to look for dissertations. They are all held in the short term loan room in alphabetical order of the author.

DVDs

The Library has a growing collection of DVDs on Gardens and Gardening Techniques and also Feature films. They can be viewed at any time during opening hours upstairs in study room 3. Items are listed on the computer catalogue and they can be borrowed. They are stored on a shelf under the stairs.

Journals and Series

Journals are an excellent source of information on current research, trends and practice.

Print journals are arranged in alphabetical order of title. The current ones are on display on the ground floor, back numbers on the upper floor. There is an archive of some back issues held in our reserve store, if this is indicated on the catalogue please ask at the issue desk for them.

Journals cannot be borrowed, but articles can be scanned or photocopied.

To find journal articles, you can also make use of the databases that the Library subscribes to. Databases index journals to provide details and abstracts of articles, some of them offer access to journals in full text.

Acta Horticulturae is a series of technical publications, focussing on the proceedings of the ISHS Symposia & the ISHS International Horticultural Congress.

You can search for full-text articles on the Acta Hort database on moodle, but only on campus.

The Library catalogue contains all volumes. You can search for specific volumes by using the Advanced Search option and typing 'Acta' and then either the series number or words from the title.

Relevant Print Journals

Chronica Horticulturae

FloraCulture International

Flower Tech

Fresh Produce Journal (FPJ)

Growertalks

HDC News

Horticultural Reviews

Horticulture Week

(The) Horticulturist

Hortscience
 Hortus
 Journal of Environmental Horticulture
 Journal of Horticultural Science and Biotechnology
 NFU Horticulture
 Plantsman, The
 Postharvest Biology and Technology
 Scientia Horticulturae
 Soil Use and Management

Electronic Journals

EurekaMag: science references in agriculture, horticulture and forestry...	http://eurekamag.com/
Hort Newsletter by the Society of Chemical Industry: Industry news and events	http://www.soci.org/News/Horticulture-newsletter.aspx

Current Awareness

If you want to keep up-to-date in a particular subject area, it might be useful to subscribe to one of the alert services about new journal articles. There are several providers.

ZETOC - <http://zetoc.mimas.ac.uk>

The database comprises over 15 million article titles derived from the 20,000 most important research journals in the world, dating back to 1993. ZETOC Alert is a current awareness service that emails the contents pages of journals you have selected directly to you.

Science Direct Alert Service - <http://www.sciencedirect.com/science/alerts>

Offers a 'My Alerts' service which allows you to save searches and then schedule them to rerun at a chosen frequency. When new articles are found you will be sent an email alert with a direct link to the new search results. You need to register with Science Direct first. Please note this does not give you any further access to electronic journals. If you would like to access electronic journals on Science Direct please use your Athens password.

Electronic information / Databases

The Library subscribes to a number of online databases which offer access to journal abstracts, articles and reports. They can be accessed via Moodle. You can search for specific subjects, for article titles, works by a particular author or you can browse through specific journals.

Databases / Indexing Services

Land, Life and Leisure http://edina.ac.uk/landlifeleisure	Land-based Index (off-campus Athens login)
Web of Knowledge http://wok.mimas.ac.uk	Science (off-campus Athens login)

Databases with Full Text services

Acta Horticulturae http://www.actahort.org/members/search	Horticultural reports (full-text access, only available on campus)
Business Source Premier http://search.epnet.com/	Business and management journals (mostly full-text, off-campus Athens login)
DOAJ – Directory of Open Access Journals http://www.doaj.org/	Access to full-text quality controlled journals
Ebsco Host Electronic Journals http://ejournals.ebsco.com/home.asp	Multi-disciplinary, mostly full-text (Off-campus Athens login)
Mintel http://reports.mintel.com/	Market research reports (Athens login)
Science Direct http://www.sciencedirect.com	Extensive full-text science database (off-campus Athens login)

Digital archives / images / maps

Digimap: Online maps and spatial data for Great Britain (Personal Athens/UK Federation log-in required).	http://edina.ac.uk/digimap
ARKive: Images and information about endangered plants and animals	http://www.arkive.org
MAGIC: Interactive maps of Great Britain, showing environmental and administrative features.	http://www.magic.gov.uk

Company Information / Product Information

Yearbooks and Directories, some key titles:

ALPH International Statistics: Flowers and Plants, formerly the Yearbook of International Horticultural Statistics.

University of Reading Horticultural Production in England, formerly Horticultural Business Data, economic statistics from across the sector. Available online (on the catalogue)

Horticulture Week Plant Suppliers Guide and Buyers Guide, providing sources of supply for garden centres, commercial growers and amenity buyers.

National Plant Collections Directory, listing 600 collections and containing information for visitors.

NIAB Pocket Guide to Crops, information on varieties and cropping.

RHS Plant Finder, providing lists of nurseries for specific plants to buy

Seed catalogues, Trade catalogues, reports, statistics, and commercial data are also available in the Library.

Shared Resources on the web

Creative Commons search: If you want to use images for presentations or publications	http://search.creativecommons.org
Delicious: favourite websites, useful for finding relevant websites	http://www.Delicious.com
Flickr: Photographs	http://www.flickr.com
Slideshare: Presentations	http://www.slideshare.net
Youtube: videos	http://uk.youtube.com

Useful Websites and Organisations

A useful starting point for searching for internet material is the Intute Subject Gateway, see <http://www.intute.ac.uk>

Land-based Thesaurus	http://agclass.nal.usda.gov/dne/search_sc.shtml
Aggie Horticulture Network: Gardening and horticultural crop production resources	http://aggie-horticulture.tamu.edu
Atlantic Food and Horticulture Research Centre: Research and resources on Canadian horticulture	http://res2.agr.ac./kentville/index_e.htm
Assured Produce Scheme	http://www.assuredproduce.co.uk

Biodiversity Heritage Library: Literature from ten major botanical, research and natural history institutions.	http://www.biodiversitylibrary.org
Botanical Keys: Identification of wild flowers of the British Isles	http://www.botanicalkeys.co.uk/flora
Botanical Society of the British Isles: Includes access to a species database and county census catalogue.	http://www.bsbi.org.uk
Brogdale Horticultural Trust: Home of the National Fruit Collection	http://www.brogdale.org
Climate Impacts Programme: Information about possible impacts of climate change on the UK	http://www.ukcip.org.uk
Climatic Research Unit, University of East Anglia	http://www.cru.uea.ac.uk
Crocus: Plant sales and advice	http://www.crocus.co.uk
Department for Environment, Food and Rural Affairs	http://www.defra.gov.uk
Flower Council Facts & Figures: Trade facts for Holland	http://www.flowercouncil.org/uk/holland/facts_figures/
Food and Agriculture Organization of the United Nations: statistical data on food production	http://www.fao.org
Forestry Commission	http://www.forestry.gov.uk
Fresh Info, from the publishers of the Fresh Produce Journal. Login needed for full-text, please ask	http://www.freshinfo.com
Garden Organic: The UK's leading organic growing charity.	http://www.gardenorganic.org.uk
Global Horticulture Initiative: Research support and news	http://www.globalhort.org/
Health and Safety Executive	http://www.hse.gov.uk
Herb Society	http://www.herbsociety.co.uk
Horticultural Development Company HDC: Research and Technology Transfer – login available at the library counter	http://www.hdc.org.uk
Horticultural Research International	http://www.hridir.org
Horticultural Trades Association: Representing garden centres, landscapers, suppliers and growers	http://www.the-hta.org.uk
Horticulture Week	http://www.hortweek.com
Institute of Horticulture	http://www.horticulture.org.uk

International Society for Horticultural Science	http://www.ishs.org
International Society of Arboriculture, includes links to research papers	http://www.isa-arbor.com
Internet Directory for Botany	http://www.botany.net/IDB/index.html
Lantra: Skills council for the environmental and land-based sector. Includes industry information.	http://www.lantra.co.uk
MAGIC: Interactive maps of Great Britain, showing environmental and administrative features.	http://www.magic.gov.uk
National Non-Food Crops Centre: Centre for renewable fuels, materials and technologies	http://nnfcc.co.uk
National Institute of Agricultural Botany	http://www.niab.com
NFU Horticulture	http://www.nfuonline.com/Your-sector/Horticulture/Horticulture/
Royal Botanic Gardens Kew: Also research information and plant databases.	http://www.kew.org
Royal Horticultural Society	http://www.rhs.org.uk
Society for General Microbiology	http://www.sgm.ac.uk
South Australian Research and Development Institute	http://www.sardi.sa.gov.au/home
Tree Register: Historic trees	http://www.treeregister.org
Tropical Horticulture: For websites on horticulture, agriculture, biology and forestry	http://trophort.com
Wageningen Library: Plant science portal	http://library.wur.nl/desktop/portals/plant/
General resources:	
Eurostat: European statistics information provided by the European Commission	http://epp.eurostat.ec.europa.eu
National Statistics: Home of official UK statistics relating to Britain's economy and population at national and local level	http://www.statistics.gov.uk
United Kingdom Legislation	http://www.statutelaw.gov.uk

Please contact us if you have any suggestions

TheLibrary@writtle.ac.uk

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