

Guide to...

Animal and Environmental Biology Resources

This guide is designed to help you use the University Library resources to find information on Animal and Environmental Biology subjects taught within the Department of Life Sciences at Cambridge.

1. Books, e-books and multimedia materials

Use the University Library website **Quick Search: Books, e-books and multimedia materials** at www.libweb.anglia.ac.uk to find books, e-books and DVDs on your subject. Find specific books on your reading list using an author's name and significant words from the title. Find books on a topic by entering words that describe your subject (keywords). Your results will probably include electronic books (e-books) as well as print books.

To view the text of an **e-book** on screen, follow the 'Click here for access' link. You will need to be logged in to the Library website to access the full text. Login using your University Login username and password ("Active Directory Login"). See our Library Login page at <http://libweb.anglia.ac.uk/authen/library-login.htm> for more details about logging on.

The classification number shown in the 'Location' column on your results screen is the key to finding **print books** on the shelves. Books are arranged on the shelves in numeric order using these numbers. If you are browsing the shelves some important class numbers are shown below.

333.7	Interdisciplinary	578	Natural
333.9	Environmental and conservation issues	580-588	history/biogeography
363.7	Environmental problems	590-599	Plants
570-576	General biology	636	Animals
577	Ecology	639.9	Animal husbandry (incl. zoo animals)
			Practical conservation

2. Journal articles, research papers and more.

Journal articles are a good source of information and you will be encouraged to use them. Information about the latest research will generally appear in a journal before it is published in book form as journals are published frequently and regularly.

For more information about journals see our information skills tool, PILOT, Section 1.7.3 at www.libweb.anglia.ac.uk/pilot/module1/1_7/1_7_3.html

Finding specific articles:

Use **Journal Finder** on the Library website to check the availability of the journal title, year and volume. Results will include both print and electronic journals.

E-journals are accessible via the Library website when you are logged on.

Print journals are shelved alphabetically by title on the first floor.

Useful journals:



- print journals



- e-journals available via the Library website

Advances in Applied Microbiology

Advances in the Study of Behaviour

American Naturalist

Animal Behaviour

Animal Genetics

Animal Science Journal

Animal Welfare

Annals of Applied Biology

Anthrozoos

Applied Animal Behaviour Science

Behavioral Ecology

Behaviour

Biological Conservation

Biological Reviews

[Cambridge Philosophical Society]

Bird Study

British Wildlife

Conservation Land Management

Ecology and Environmental Management in Practice

Ecological Entomology

Ecological Management and Restoration

Ecology Letters

Ecos

Equine Veterinary Journal

Equine Veterinary Education

Fisheries Management and Ecology

Forest Ecology and Management

Functional Ecology

Journal of Animal Ecology

Journal of Animal Physiology and Animal Nutrition

Journal of Applied Animal Welfare Science

Journal of Applied Ecology

Journal of Biomechanics

Journal of Biological Education

Journal of Ecology

Journal of Equine Veterinary Science

Journal of Evolutionary Biology

Journal of Zoology

Journal of Mammalogy

Marine Ecology

Marine Environmental Research

Marine Mammal Science

Nature

Nature in Cambridgeshire

New Scientist

Oikos

Palaeontology

Plant, Cell and Environment

Science

Scientific American

Shape of Enrichment

Small Ruminant Research

Trends in Biochemical Sciences

Trends in Biotechnology

Trends in Ecology and Evolution

Veterinary Record


Zoo Biology

We have many more e-journals accessible via the Library website. Use 'Journal Finder' to find specific journal titles.

Finding articles on your topic:

There are several ways to find articles on your topic...

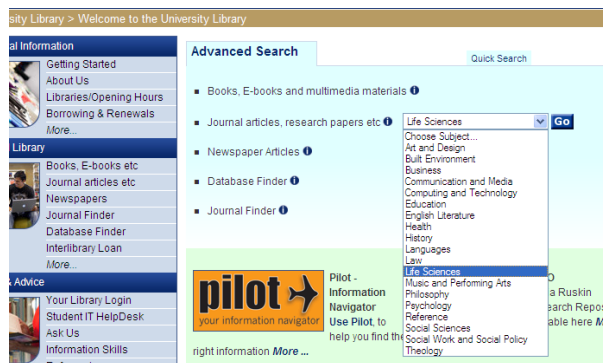
Finding a few full-text articles on your topic:

Use **Quick Search: Journal articles, research papers etc** to give you a good chance of finding some full-text journal articles. This search is useful if you just need a few articles or want to get a quick impression of the information available on your topic. Type your search term(s) in to the box provided. When your results appear, full-text articles are indicated by the pdf icon 

Google Scholar is also useful if you need to carry out a search quickly and find some full-text articles. It is possible to link directly to the full text of journal articles from your results list where they are available at Anglia Ruskin Library. You will need to be logged on to the Library website to use this function. You will also need to set your preferences to show Anglia Ruskin University Library as one of your Library links. For more information follow the Google Scholar link within the Digital Library section of the Library website menu at <http://libweb.anglia.ac.uk/ebooks/scholar.htm>


Finding articles for your major project/dissertation:

For extended assignments and dissertations, we recommend using **Advanced Search: Journal articles, research papers etc**. This will enable you to carry out more in-depth searching.



Choose **Life Sciences** from the drop down menu of broad subject areas. Then click on **Animal and Environmental Biology** in the sub-categories box. A list of relevant electronic resources is displayed, including several databases (indexes to journal articles, some with full text).

You can **cross search** databases by clicking in the box next to the database title and typing search terms in to the boxes above. This means that several databases can be searched at once. However, cross-searching works best when only three or four databases are searched together.

 Use this button to find out more about each database and to see details of cross-searching tips and limitations.

For more advanced, in-depth searching, we recommend going into the **individual databases** themselves by clicking on the underlined title. This will let you carry out more flexible searches using the database's own interface. You will also need to do this for non-cross-searchable databases without a tick box. Some useful databases are described below.

Useful resources:

Which resource you use will depend on your research topic. Some multi-disciplinary databases, such as Academic OneFile and Web of Knowledge can be extremely useful even though they are not purely Life Sciences resources. Other databases may match your topic more closely e.g. CSA Entomology Abstracts or SORA (Searchable Ornithological Research Archive).

Internet Subject Gateways can be extremely useful to help you find good quality reliable web sites and are listed in 'Advanced Search' resources. For further help with general Internet searching see the Library website at www.libweb.anglia.ac.uk/net/net.htm

Useful resources for Animal and Environmental Biology:

Animal Science (Gale Virtual Reference Library)	Provides encyclopaedic information on scientific, historical and cultural aspects of the animal world.
Academic One File	Database covering a wide range of subjects including animal and environmental science. Often a good place to start your search. Contains large numbers of references in full text . Searches in this database can be restricted to peer reviewed journals.
BiologyBrowser	A website from Thompson-Reuters offering a range of free resources for the life sciences community
BioOne	Database providing full-text access to over 160 specialist journals.
Biological Sciences (CSA)	A comprehensive collection of citation and abstracting databases. Major groupings of CSA databases are listed within Advanced Search and can be cross-searched. A full database list can be accessed and searched by going in to any CSA title and clicking on the <u>specific databases</u> link. Individual titles include Animal Behavior Abstracts; ASFA Aquatic Abstracts; Ecology Abstracts; Entomology Abstracts; Environmental Science and Pollution Management; Plant Science.
Google Scholar	A powerful Google service providing a simple way to search for scholarly literature. Very useful if you need to carry out a quick search. It is possible to link directly to the full text of journal articles where they are available at Anglia Ruskin Library. See the Library website for full details at http://libweb.anglia.ac.uk/ebooks/scholar.htm
ScienceDirect	High quality database providing access to Elsevier Science journals. We do not have full text access to everything on Science Direct but we do have Full text access to over 1,000 titles.
Web of Science via Web of Knowledge (WoK)	Gives access to three citation indexes covering research literature across the sciences and humanities, including the Science Citation Index . Offers powerful search facilities including cited reference searching. WoK also includes a conference papers database, ISI Proceedings

WildPro	Electronic encyclopaedia from the Wildlife Information Network covering the natural history, health & management of captive and free ranging wild animals. Includes an online library with access to the full text of publications by bodies such as The Mammal Society, RSPCA, and the Federation of Zoos. You will need to obtain a separate password from Library staff to use this resource.
Wiley Online Library	Database giving access to over 2000 journals in a wide range of subjects. Over 600 titles in full text .

Articles without full text:

you will probably find some useful references without full text within your search results. You can order these for a small charge using our InterLibrary Loan service accessible via the Library website at www.libweb.anglia.ac.uk/services/ill.htm

Getting good results:

You may find that you get **too many** results when searching. Making your search terms as specific as possible will help to narrow your search and make your results more relevant. Google Scholar in particular will retrieve a lot of references. Try using the Advanced search option to make your search more specific.

If you get **too few** results, don't give up. Try thinking of alternative words to search with, or try using different resources. See **PILOT Section 2** for more help on how to search effectively www.libweb.anglia.ac.uk/pilot/module2/index.html

3. Referencing

You need to cite and reference other people's work correctly if you use it within your own work. More information on referencing can be found on the University Library website at www.libweb.anglia.ac.uk/referencing/referencing.htm, including a guide to the **Harvard System of Referencing** which is used in your Department.

It is important to **keep good records** of all the material that you read for your work so that you can reference other people's work correctly.

All of your references, regardless of their source, can be managed using the bibliographic management tool **RefWorks** which is available via the Library website at www.libweb.anglia.ac.uk/referencing/refworks.htm . RefWorks can also help you create reference lists in the Harvard style.

4. Help

Help using University Library resources is available in a variety of ways:

- Use our general **Ask Us** page under Help and Advice on the Library website at www.libweb.anglia.ac.uk/askus/ . From here you can access our **Online Enquiry Service** and our **Online Chat** service.



- Come and speak to a member of staff at the **Enquiries Desk** on the second floor of the Cambridge Library.
- Book an appointment to come in and see a member of the Science and Technology team. This could be useful if you have a more detailed enquiry or feel you need more help using your subject resources. Use our **Book A Librarian** service at http://libweb.anglia.ac.uk/bookalibrarian/index_bal.html where you can check for available times
- **Contact** our team of Science and Technology librarians directly. We may be able to answer your questions via email or we can arrange an appointment at a convenient time.

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- Use our range of **guides** to help you make the most of our resources. These include guides to individual databases, using the Library website, and Harvard Referencing. These are all available on the Library website at www.libweb.anglia.ac.uk/guides/guides.htm.
- Each semester the Library runs a series of study skills drop-in sessions in conjunction with Student Support Services. The **Skills@Uni** sessions cover topics such as essay writing, evaluating information, and referencing. Details of sessions can be found at www.libweb.anglia.ac.uk/helpdesk/train.htm.
- **PILOT** is our online information skills tutorial which aims to help you develop your information skills – use PILOT to learn at your own pace or to back-up what you have learnt in sessions. Access is from the Library website at www.libweb.anglia.ac.uk/pilot/.