

Resources for Biological and Environmental Sciences

Contact details for further help are at the end of this guide.

The resources in this guide will help you learn more about your subject. The best place to start your search is **Discover**, which provides you with easy access to thousands of books, eBooks, journal articles and much more. You can access Discover and other key resources via the Library website, LJMU student homepage and MyLJMU portal.

Remember, your modules also have reading lists in Canvas with links to recommended books, eBooks, journal articles and other subject resources.

Books and eBooks

There is an extensive collection of books and eBooks on all aspects of Biological and Environmental Sciences. You can browse what is available in your subject area or look for specific titles by searching **Discover**.

- Go to **Discover**, if prompted, **Sign in** with your **LJMU username@ljmu.ac.uk** and **password**
- Type a book title or keywords and select the search icon
- From the results screen, you can filter your results by selecting **Books**
- Select a book title to see more details and availability
- eBooks will have links to view online
- Print books will show number of copies and location

Print books have a class number and are organised numerically by that number on the shelves. Common class numbers are shown below:

Agriculture	630
Animal Behaviour	591.5
Animal Husbandry	636
Aquatic Ecology	577.6
Biology	574
Birds	598
Botany	581

Climate Change	551.6
Earth Sciences	550
Earth's Crust	551.13
Ecology	577
Evolution and Genetics	575
Ferns	587.3
Fishes	597
Fossil Invertebrates	562
Fungi	579.5
Geology	551
Glaciers	551.312
Horticulture	635
Hunting, fishing	639
Insects	595.7
Invertebrates	592
Life Sciences	570
Mammals	599
Marine Science	552.46
Meteorology	551
Microbiology	579
Mineralogy	549
Mosses	588.0941
Palaeontology	560
Paleobotany	561
Petrology	552
Physical Anthropology	573
Plant Physiology	581.1
Plants	580
Soil Science	631.4
Vertebrates	596
Zoology	591

Journals

Journals are published on a regular basis and contain up-to-date information. Journals contain articles focussing on specific topics written by subject specialists.

To find individual journal titles on your subject area:

- Go to **Discover**, if prompted, **Sign in** with your **LJMU username@ljmu.ac.uk** and **password**
- Select the **Journals** option
- Type a journal title you wish to access and select the search icon
- Select a journal title to see more details and availability
- eJournals will have links to view online
- Print journals will show number of issues and location

Databases

You can search for journal articles using **Discover** or via individual databases. There are different types of databases. For example:

- **Full-text databases** provide access to full-text information such as journal articles, reports, book chapters, newspaper articles ...
- **Abstracting and Indexing Databases** are searchable indexes, you can view the abstract or summary for each resource. If full-text is available follow the link, if not you can request an inter-library loan.

To access a database:

- Go to **Discover**, if prompted, **Sign in** with your **LJMU username@ljmu.ac.uk** and **password**
- Select the **Databases** option
- Select your **subject category** to see suggested databases or type the name of the database in the search box and select the **search icon**
- Select the database title to see more details and note any log-in requirements
- Select the database link

Academic Full-text Databases

The databases below are listed in alphabetical order.

Annual Reviews

Provides access to comprehensive, timely collections of critical reviews written by leading scientists. Content spans disciplines within biomedical and life sciences, physical and engineering sciences, social sciences and economics.

Geological Society of America

Full text access to journals published by the Geological Society of America

[Ingenta Connect Journals](#)

Provides access to a comprehensive multi-disciplinary selection of electronic journals published by leading scholarly publishers such as Blackwell Scientific and Academic Press.

[ProQuest Central](#)

Provides access to databases across all major subject areas and includes thousands of full-text scholarly journals, trade and professional titles, newspapers, magazines, dissertations, working papers, case studies, and market reports.

[Sage Journals](#)

A multidisciplinary database providing access to quality, peer-reviewed journals published by Sage.

[Science Direct](#)

The world's leading source for scientific, technical, and medical research. It is a multidisciplinary database, which provides full-text access to more than 16 million references from over 2,500 high-quality journals and over 39,000 books and major reference works. Digital archive dates back to 1823.

[Springer Link Journals](#)

A multidisciplinary database providing access to peer-reviewed journals, books, series, protocols, reference works and proceedings published by Springer.

[Taylor & Francis Online](#)

A multidisciplinary database providing full-text access to quality, peer-reviewed journals published by Taylor & Francis, Routledge and Psychology Press.

[Wiley Online Library](#)

A multidisciplinary database providing access to over 4 million articles from 1,600 journals, online book chapters and eBooks published by Wiley.

[Academic Abstracting and Indexing Databases](#)

The databases below are listed in alphabetical order / preference order.

BIOSIS Previews

An extensive index of life sciences and biomedical research, which covers pre-clinical and experimental research, methods and instrumentation, animal studies and much more

Scopus

Multidisciplinary abstract and citation database of peer-reviewed literature: journals, books and conference proceedings, many with links to full text

Web of Science

A powerful research platform and global citation index including over 161 million records for books, peer-reviewed scholarly journals, and conference proceedings across 254 disciplines. It includes access to the Arts and Humanities Citation Index (1975 to the present), Science Citation Index Expanded (1970 to the present), Social Sciences Citation Index Expanded (1970 to the present). It also contains citation data e.g. journal impact factors and h-index to help you identify quality research.

You can check if LJMU has access to full-text by clicking on the **Full Text** icon within the database, this will check our other collections and direct you to any available full-text.

[Technical and professional databases](#) provide access to key technical and professional resources. The databases below are listed in alphabetical order / preference order.

All the World's Primates

Contains information about the habitat, social behaviour, diet, physical measurements, risks of extinction and other critical facts of all 505 species and 195 subspecies recognised by the International Union for the Conservation of Nature (IUCN)

Digimap

Provides access to geospatial data in the following collections: Ordnance Survey, Historic, Geology, Marine, Environment, Aerial, Lidar, Global and Society.

[Statistics databases](#) offer statistical evidence and reports including social and economic data. The databases below are listed in alphabetical order / preference order.

Statista

Provides access to statistics, studies and reports on countries, industries and consumer markets. It has global coverage

UK Data Service

The UK's largest collection of social, economic and population data resource, including UK census data and government funded surveys as well as qualitative and business data

Recordings of TV and Radio Programmes

BoB (Box of Broadcasts)

Provides access to an archive of over one million TV and radio programmes from 2007 onwards, including all the main free-to-air TV channels. You can link, make short clips and playlists of content. Provides streaming access to over 25,000 films, documentaries and educational videos. New content added every month.

Websites

The content of websites is unregulated. Therefore, it is important that you check the quality and accuracy of information on the internet to ensure that it is reliable, accurate and of an academic standard. There are selected websites or search engines that you can use to help find appropriate information online, for example Google Scholar. If you find details for a relevant resource on the internet, you can check if LJMU has full-text access.

Further Help

The Academic Engagement Librarian for the School of Biological and Environmental Sciences is:

Carolyn Benny c.m.benny@ljmu.ac.uk

Please contact her to arrange a one-to-one appointment.

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