Online Training Course

Searching for biological literature : Catalogues - Databases - Journals

Project work BID 2001 – 2002
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I. **Searching and finding articles in biological journals** Databases: Biosis Previews, Current Contents Connect, Biological Abstracts, Aquatic Sciences and Fisheries Abstracts [ASFA], Life Sciences Collection, Zoological Records, Medline	**II.** **Searching for impact factors and citation frequency** Databases: ISI Journal Citation Reports and ISI Science Citation Index Expanded [Web of Science]
III. **Searching for dissertation abstracts** Austrian Dissertation Database [ÖDD] and Digital Dissertations [Dissertation Abstracts]	**IV.** **Searching for biological books (national and international)** Vienna University Library OPAC [Online Public Access Catalogue], Index Card Catalogues, Austrian Union Catalogue, Union Catalogue Karlsruhe [KVK]
V. **Searching for biological journals (national and international)** EZB [Vienna University Library E-Journals], Austrian Serials Catalogue, OPAC of the Union Catalogue of Serials [ZDB - Germany]	

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BIOSIS PREVIEWS

"Biosis Previews" emerged from the databases "Biological Abstracts" and "Biological Abstracts RRM" (CD-Rom). Web edition from 1990 onwards. "Biosis Previews" is a comprehensive index to life sciences and biomedical research worldwide including: journals, meetings, patents, and books.

Start your search on the Vienna University Library homepage   --->   Vienna University Library

Click "*The digital library*" then "*Datenbankservice der UB Wien*" [Vienna University Library database services]. For starting the database please following the directions or click here:

---> Start BIOSIS PREVIEWS

For a comprehensive survey of the database "Biosis Previews" please use the following online tutorials. Choose "Biological Abstracts" or "WebSpirs". ---> Tutorial

ISI CURRENT CONTENTS CONNECT

Use "Current Contents Connect" for searching and finding articles published in the current week. It´s also possible to expand your inquiry back to 1997.

Start your search on the Vienna University Library homepage ---> Vienna University Library

Click "*The digital library*" then "*Datenbankservice der UB Wien*" [Vienna University Library database services]. For starting the database please following the directions or click here:

---> Start ISI CURRENT CONTENTS CONNECT

For a comprehensive survey of the database "Current Contents Connect" please use the following online tutorial. ---> Tutorial

Databases on CD-ROM:
Biological Abstracts + RRM, Aquatic Sciences and Fisheries Abstracts (ASFA),
Life Sciences Collection, Zoological Records

All CD-Rom databases have the same operating surface.

Biological Abstracts and Biological Abstracts RRM (Reports, Reviews, Meetings)
CD-Rom edition from 1989 to 1999. Web edition since 1991 (= "Biosis Previews"). Topic: General Biology.

Zoological Records

CD-Rom edition from 1978 to 1999. Web edition available since 2000. Topic: Zoology.

ASFA

From 1978 onwards. Topics: Marine Biology, Limnology, Freshwater Biology ...

Life Sciences Collection

From 1982 onwards. Topics: General Biology, Agriculture and Medicine.

Start your search on the Vienna University Library homepage ---> Vienna University Library

Click "*The digital library*" then "*Datenbankservice der UB Wien*" [Vienna University Library database services]. For starting the database please following the directions. The databases are listed in alphabetical order. Choose the required database.

For a comprehensive survey of these databases please use the following online tutorial. Choose "WebSpirs". ---> Tutorial

ZOOLOGICAL RECORDS [Web Edition]

Web edition from 2000 onwards. Same handling as "Biosis Previews".

Start your search on the Vienna University Library homepage ---> Vienna University Library

Click "*The digital library*" then "*Datenbankservice der UB Wien*" [Vienna University Library database services]. For starting the database please following the directions or click here:
---> Start ZOOLOGICAL RECORDS

For a comprehensive survey of the database "Biosis Previews" please use the following online tutorials. Choose "Biological Abstracts" or "WebSpirs". ---> Tutorials

MEDLINE

Web edition from 1966 onwards. Same handling as "Biosis Previews".

Start your search on the Vienna University Library homepage   --->   Vienna University Library

Click "*The digital library*" then "*Datenbankservice der UB Wien*" [Vienna University Library database services]. For starting the database please following the directions or click here:
--->   Start MEDLINE

For a comprehensive survey of the database "Biosis Previews" please use the following online tutorials. Choose "Biological Abstracts" or "WebSpirs".   --->   Tutorials

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ISI Journal Citation Reports [JCR]

"The *Journal Citation Reports* is an essential, comprehensive and unique resource for journal evaluation, using citation data drawn from over 8,400 scholarly and technical journals worldwide.
The journal impact factor is a measure of the frequency with which the "average article" in a journal has been cited in a particular year. The impact factor will help you evaluate a journal's relative importance, especially when you compare it to others in the same field. The impact factor is calculated by dividing the number of current citations to articles published in the two previous years by the total number of articles published in the two previous years." (view: http://isi0.isiknowledge.com/portal.cgi).

Start your search on the Vienna University Library homepage   --->   Vienna University Library

Click "*The digital library*" then "*Datenbankservice der UB Wien*" [Vienna University Library database services]. For starting the database please following the directions or

click here:

---> <u>Start ISI JOURNAL CITATION REPORTS</u>

For a comprehensive survey of the database "Journal Citation Reports" please use the following online tutorial.   ---> <u>Tutorial</u>

ISI SCIENCE CITATION INDEX EXPANDED [Web of Science]

This database gives you the information on how often an article has been cited.

Start your search on the Vienna University Library homepage   ---> <u>Vienna University Library</u>

Click "*The digital library*" then "*Datenbankservice der UB Wien*" [Vienna University Library database services]. For starting the database please following the directions or click here:

---> <u>Start ISI SCIENCE CITATION INDEX EXPANDED</u>

For a comprehensive survey of the database "Science Citation Index" please use the following online tutorial.   ---> <u>Tutorial</u>

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AUSTRIAN DISSERTATION DATABASE [ÖDD]

ÖDD comprises all Austrian dissertations from 1990 onwards.

Start your search on the Vienna University Library homepage   ---> <u>Vienna University Library</u>

Click "*The digital library*" then "*Datenbankservice der UB Wien*" [Vienna University Library database services]. For starting the database please following the directions or click here:

---> <u>Start AUSTRIAN DISSERTATION DATABASE</u>

You have the possibility to choose between "Einfache Suche" (basic search) or "Erweiterte Suche" (combining search).

DIGITAL DISSERTATIONS [DISSERTATION ABSTRACTS]

Here you can find abstracts of international doctoral theses.

Start your search on the Vienna University Library homepage   --->   Vienna University Library

Click "*The digital library*" then "*Datenbankservice der UB Wien*" [Vienna University Library database services]. For starting the database please following the directions or click here:
--->   Start DIGITAL DISSERTATIONS

Click on "Search" or "Enter" for the "Basic Search". For an "Advanced Search" you can key in several terms using the big search field.

IV. Searching for biological books (national and international)   --->   back to Table of Contents

OPAC (Vienna University Library Catalogue)

The catalogue comprises books since 1989 and older ones, which have been worked into the opac.

Start your search on the Vienna University Library homepage   --->   Vienna University Library

Click "*Opac*" or click here
--->   Start VIENNA UNIVERSITY LIBRARY CATALOGUE

Click "Suche" (search).

"Alle Felder" (all fields) means, that there is only one search field and you can use all terms, e.g. author or title, keywords or the publisher for your search.

For a specific search key in the author for "Person" (person), the title of a book for "Titel" (titel) or a certain topic for "Schlagwort" (keyword).

Ex. 1:

You would like to find the book "Moderne Genetik" by the author "Brown". Key in the search field "moderne genetik brown", adjust to "Alle Felder" (all fields) and click on "Suchen" (search). The retrieval shows two hits (one from 1993, one from 1999). To see the stock records from 1999, click on number 2. In order to obtain the shelfmark and the shelf classification click on "Fb Biologie". As this is not a lending library, you can't borrow the book and have to read it in the reading room of the library.

Click on "Hauptbibliothek" to get the stock record of the main library. Click on "Ausleihe" (lending) to order the book filling in the identification number of your library card and use your birthday (YYYYMMDD) as password. The book can be borrowed here for one month.

Click on "Lehrbuchsammlung" (textbook collection) to see the stock record of the textbook collection. Go there directly, take the book out of the shelf and book it by yourself. Ordering via internet is not required. The lending period is 2 months. Click on "Bibliotheksinfo" (library info) to receive information about the library such as the telephone number, location etc.

Ex. 2:

You would like to find Ph.D. theses in genetics. Key in "Alle Felder" (all fields) or "Schlagwort" (keyword) "Genetik" and click on "Suchen" (search). To filter the hits click on "Filtern" (filter) and finally "Dissertationen" (Ph.D. thesis).

If you only want to search in the biology library opac (Fb Biologie Opac: mnemonic A087), click on "Katalogauswahl" (catalogue selection) and choose Fb Biologie A087. Search there as described above.

If you want to know which books you can find at a certain shelf location, click on "Indexsuche" (index search) and choose "Signatur" (shelfmark). There you key in "II-2" for the location for genetics and click on "Suchen" (search). For the locations (e.g. II-2 of genetics, IV-6-B of protozoa etc..) we refer you to the shelf classification of the biology library. For details click here ---> "Aufstellungssystematik" (shelf classification).

Another search strategy is to search for the combination of subject headings. Click on "Indexsuche" (index search) and choose "Schlagwortkette" (combination of subject

headings). Key in "apoptosis" or "apoptose" and click on "Suchen" (search). You'll obtain all books which have been indexed with the keyword apoptosis, click on the combination of subject headings to find more information about the book.

AUSTRIAN UNION CATALOGUE

For searching and finding books in Austrian libraries.

Start your search on the Vienna University Library homepage   --->   <u>Vienna University Library</u>

Please following the directions or click here:
--->   <u>Start AUSTRIAN UNION CATALOGUE</u>

Ex.:

You would like to know which Austrian libraries offer the book "Brown: Moderne Genetik".

Click on "Suchen" (search) and key in "brown moderne genetik" in "Alle Felder" (all fields). Click on "Start" and in the retrieval on "2", to receive the result of 1999. You obtain a list of libraries in Austria, holding the book. If you click on "Bestand" (stock record), you can find out the shelfmarks of the book. Clicking on the library you are informed about the library´s adress, phone number etc.

VIENNA UNIVERSITY LIBRARY INDEX CARD CATALOGUES

Card Catalogues until 1989. (Author and Subject Index until 1989).

Start your search on the Vienna University Library homepage   --->   <u>Vienna University Library</u>

Click "Catalogues" and choose your required index card catalogue (Vienna University Library - old index card catalogues) or click here:
--->   <u>Start INDEX CARD CATALOGUE</u>

Ex.:

You are looking for a book by Charles Darwin entitled "Der Ausdruck der Gemütsbewegungen" from 1872.

1. You are searching the book in the Opac - if you don´t receive any results

2. Go into the old author index from 1500 to 1931.

Here you click on "D" for Darwin. Zoom alphabetically till you get the card with Darwin. Click on "Vollanzeige" (full record). Note the shelfmark (I-100.805).

Start the Opac, click on "Indexsuche" (indexsearch) and choose "Signatur" (shelfmark). Key in the shelfmark as follows: I or II hyphen number without point and comma. You can order the book as usual (also those with indication "ZZZLeer"). Books with "ZZZLeer" have been worked into the Opac with incomplete bibliographic information (only shelfmarks). If you can't find the desired book in the opac please come to the library and fill in a yellow lending form.

Catalogues of the special libraries = "UBW Institute Nominalkatalog 1972-1991" (Departments - Author Index).

Ex.:

You are looking for the book "Darwin Evolutionstheorie". Click on "D" for Darwin. Zoom alphabetically till you get the card with Darwin. Click on "List down". On the card you find a number in a ring. Click on "Konkordanz der Sigel" to obtain the library belonging to the number. In this case it is the Academic Library of Philosophy.

UNION CATALOGUE KARLSRUHE [KVK]

To find books in libraries worldwide.

Start your search on the Vienna University Library homepage   --->   Vienna University Library

Click "*Other library catalogues*" then "*KVK*" or click here:
--->   Start UNION CATALOGUE KARLSRUHE

Ex.:

You are looking for the book "Brown: Moderne Genetik" in German libraries.

Click on "Most important German library catalogues". Key in "moderne genetik" in "Titlewords" and "brown in "Author". Scroll down and click on "Start". As an example click on "Bibliotheksverbund Bayern" on the book of 1999. Scroll down to find the stock records of the union catalogue. For the shelfmark click on the list below "Anzeige der Exemplare" (view examples). You can order the book in our department of inter-library loans.

Book search synopsis (national and international).

1. Check if the book is available at the VU library or at one of the special libraries (Opac).

2. For books published before 1989, search in the old author and subject index catalogues of the VU library. Key in the shelfmark in the Opac. If there is no result, search in the departments author index.

3. Check if the book is available within the Austrian union catalogue. If a library outside of Vienna holds the book use our department of inter-library loans.

4. If the book is not available in Austria, search in the KVK and contact our department of inter-library loans.

V. Searching for biological journals (national and international)   --->   <u>back to Table of Contents</u>

If you have found an article with the necessary bibliographic citation, you can search for your required journal in the following catalogues. In the search field you have to key in the full title resp. some words from the title!

EZB [Vienna University Library E-Journals]

Start your search on the Vienna University Library homepage   --->   <u>Vienna University Library</u>

Click "*The digital library*" then "*Elektronische Zeitschriftenbibliothek*" [Online Journals Library] or click here:
--->   <u>Start VIENNA UNIVERSITY LIBRARY E-JOURNALS</u>

The journals are searchable "by subject" and "by title". Key in the journal title in the search field "quick search" or choose a subject area for an alphabetical journal list.

Each journal is marked with one of the following signs:

green spot: free access
yellow spot: accessible only inside the VU network
red spot: only abstracts and contents available

Click on the title to visit the journal´s homepage. Browse the content for your required volume. Generally, articles are available in "html" or "pdf". Choose "pdf" for saving on disc or printing the article.

AUSTRIAN SERIALS CATALOGUE

This catalogue contains national and international journals and serials which are located in Austrian libraries.

Start your search on the Vienna University Library homepage   --->   Vienna University Library

Click "*Catalogues*" then "*Austrian serials catalogue*" or click here:
--->   Start AUSTRIAN SERIALS CATALOGUE

Click on "Suchen" (search) choose "Wörter aus dem Titel" (words from the title) in the "Suchfeld" (search field). Key in the journal title and click "Start".

The retrieval contains numbered journals. For the full dataset of every journal click on the corresponding number. On this site the holding libraries are listed up. For information on the stock record click on "Bestand" (stock record).

A record "27.1984 –" means that the journal is available since volume 27, 1984 onward.

A record "27.1984 – 29.1986" means that only three volumes (volume 27, 28 and 29) are available.

Click on the various libraries for further information on opening hours, adress etc...

OPAC OF THE UNION CATALOGUE OF SERIALS [ZDB - Germany]

For all journals that are not located in Austrian libraries.

Start your search on the Vienna University Library homepage   --->   <u>Vienna University Library</u>

Click on "Other library catalogues" further on "KVK" or click here:
--->   <u>Start OPAC OF THE UNION CATALOGUES OF SERIALS</u>

In the rubric "Catalog section" mark "ZDB". Key in the journal title into the search field "title words" and click on "Start". The following dataset contains the holding libraries with their stock records. For inter-library loans please contact following institutions:

- <u>Department of Inter-library loans (VU Library)</u>
- <u>Online Inter-library loans with SUBITO</u>

Journal search synopsis:

1. Search in EZB, without any result go to
2. Austrian Serials Catalogue, without any result go to
3. KVK
4. Contact interlending departments