

CABI Training Materials

CAB Direct

Simple Searching Global Health

www.cabi.org

KNOWLEDGE FOR LIFE

Contents


The CAB Direct Home Page	3
Word-stemming/Truncation:	4
Phrase Searching:.....	4
Linking Search Terms with “Boolean Operators”:.....	4
Multiple Boolean Operators:.....	5
Search Results:.....	6
Refining Search Results:.....	8
Outputting Records:	10
Search History:.....	11
MyCABDirect:.....	12

The CAB Direct Home Page



This is the CAB Direct Home Page, offering a simple, “Google like” search box, plus links to the CAB Thesaurus and “MyCABDirect”. This search screen allows users to perform simple, single or multi-word searches. As with a Google search, users can use Natural Language, as in the example below:

heart disease in europe

In a Natural Language search, the system will automatically select just the important words, in this case, **Heart**, **Disease** and **Europe**, and will ignore all the other irrelevant terms. The search is performed by clicking the green  button, when the selected terms will be searched with an “invisible” AND between them. The resulting list of records will contain all three keywords. The same search can also be performed by simply typing in the individual search terms or “Keywords”, as they are commonly known, as shown below:

heart disease europe

The terms will be combined with **AND**, as before, with the same search result.

Word-stemming/Truncation:

The CAB Direct search interface offers automatic word-stemming which means that many of the terms that you search for will automatically retrieve additional words based on the “stem” of your search term. In most cases, this improves the retrieval of records. However, in some cases, it may retrieve unwanted records. To turn off word stemming, especially on single word search terms, enclose the terms in double quotes (e.g. “wellness”).

Word-stemming actually reduces the need for truncation, but this can still be used, if required. When searching for several words that have the same beginning, or stem, the use of truncation can save time. For unlimited Truncation, use the asterisk (*), as in the following example:

Phrase Searching:

Sometimes a user will want to search for a more specific phrase, rather than searching for individual, single words that combines them with **AND**. An example might be the search term **heart disease**. To specify a phrase search, simply enclose the phrase in double quotation marks, as shown below.

"heart disease"

Phrases and single words can be searched in combination, and will be linked with **AND**, as in the following example.

"heart disease" europe "risk factors"

The retrieved records will contain all three search terms “**ANDed**” together.

Note that, whenever you enter more than one search term, whether it is a single word or a phrase, the system will combine them with **AND**. The **AND** operator is “implied”, and doesn’t need to be typed into your search statement, but you can type it in, if you wish to, as shown below.

"heart disease" AND europe AND "risk factors"

The **AND** may be typed in upper case or in lower case.

Linking Search Terms with “Boolean Operators”:

The **AND** operator, discussed above, is one of three commonly used “search operators” called “Boolean Operators”. The other two Boolean Operators are **OR** and **NOT**, and can be used to modify or refine your search. You may be interested in research papers about diagnosis, treatment or care. If we simply type in the three terms **diagnosis treatment care**, we would retrieve only records that contained all three terms. They would be **ANDed** together. We would not find any records that simply included just one or two of the terms. This would seriously limit our search. In this particular example, we want to find records that contain all the words or any of the words.

To do this, we can use the **OR** operator, as in the following example:

diagnosis OR treatment OR care

This search will find records that contain either one or more of the three search terms. The **OR** operator “expands” the search. The search gets larger as you **OR** more terms together.

The third Boolean Operator is **NOT**, and can be used to exclude terms from your search. You may be interested in **diagnosis** but not **treatment**. To do this, use the **NOT** operator, as shown below:

diagnosis NOT treatment

This search will find all the records containing the word **diagnosis**, but will exclude any record that includes the word **treatment**. The **NOT** operator will restrict your search, making it smaller. Use the **NOT** operator with caution, as you may lose relevant records by accident.

Multiple Boolean Operators:

We have seen how to use each Boolean Operator separately but, in many searches, it is useful to be able to use two or more of these operators together, in a single, complex search statement. Let us imagine that we want to do a search for records about the heart or lung disease diagnosis but not treatment. We need to find all the records about heart OR lung and then **AND** this set of records with the terms disease **AND** diagnosis. Having created this set of records, we need to remove, using **NOT**, any records that include the term treatment. In this search, we need to use **AND**, **OR** and **NOT**, as shown below:

heart OR lung AND disease AND diagnosis NOT treatment

Before we run the search, there is one more thing that we need to do. We must tell the search system the order in which to do the search. Firstly, we want to find heart OR lung, and then we want to combine this group (or set) of records with the words disease AND diagnosis and, once this second operation has been completed, the final operation is to remove the records containing the word treatment. To specify the order of the search, we use parentheses or round brackets to enclose the three, separate operations. We want the OR operation done first, so we enclose the ORed terms in one set of brackets, as shown here:

(heart OR lung) AND disease AND diagnosis NOT treatment

Now we want to do the **AND** operations, so we enclose this operation in a second set of brackets:

((heart OR lung) AND disease AND diagnosis) NOT treatment

And, because the **NOT** operation is outside both sets of brackets, this will be performed last. We can now click the search button and the search will be performed correctly, in the order in which we want it done.

With a little practice, the use of Boolean Operators, and brackets, can be used to produce complex and precise search statements, which will retrieve good, relevant results.

Search Results:

The results of a search are displayed in a short record format on the **Search results** screen, as shown on the next page. The records are displayed in date order, with the record that has been added to the database most recently, displayed first, at the top of this list. This ensures that you always see the latest records first, which is important if you are running the same search on a regular basis. There is also a clickable option to display the records by relevance, with the most relevant record shown first.



The screenshot shows the CABI Direct search results page. The header includes the CABI logo and the text "provided by www.cabi.org". Below the header, there are navigation links: "About CABI Direct", "Tell us what you think", and "Contact Us". The main content area is titled "Search results" and shows the search term "heart disease" with 21,195 results. The results are displayed in a list format, with the first result being "Adherence to calcium channel blocker poisoning treatment recommendations in two Canadian cities". The page also includes a sidebar with "Subscription Information" and "Tools" sections.

On this page, the records are displayed with the Article Title, the Bibliographic Details and a short section of the Abstract. By default, you see 10 records at a time, but the display range can be reset to show up to 100 at a time from the drop down list, highlighted in the screenshot on the next page.



This close-up screenshot focuses on the search results controls. It shows the text "1 to 10 of 21,195 results" and a "Show me:" dropdown menu set to "most recent first". Below this, the "Results per page:" dropdown menu is open, showing options for 10, 25, 50, 75, and 100. The "10" option is currently selected. The first result is partially visible at the bottom: "★ 1 Adherence to calcium channel blocker poisoning treatment".

To view the complete database record either click the record title or the [View Abstract »](#) link, at the bottom of each record. This will take you to the full record, or **Document details** display screen, as shown below.



The screenshot shows the CABI Direct website interface. At the top, there's a green header with the 'cabdirect' logo and navigation links. A search bar contains the text '"heart disease"' with a 'search' button. The main content area is titled 'Document details' and displays information for a journal article. On the left, there's a sidebar with 'Subscription Information' and 'About this document' sections. On the right, there's a 'Tools' section with various options like 'Marked records', 'Mark this record', 'Search History', 'Print this record', 'Email this record', 'Export citation', and 'Download MARC21 Record'. Below the 'Tools' section is a 'Related literature' section with links to other articles, Google Scholar, and the British Library.

cabdirect provided by  www.cabi.org

About CAB Direct | Tell us what you think | Contact Us

Home Help Thesaurus

Subscription Information

CABI Head Office
(logged in via IP address)
[Show Details](#)
[Log Out](#)

[Log into a different account](#)

MyCABDirect
[About MyCABDirect](#)
[Create a free account](#)

About this document

Click to find other abstracts with these index terms

Publication type
Journal article

Publisher
Informa Healthcare

Year of publication:
2012

Location of publication:
London

Country of publication
UK

Language of publication
English

Geographical location

« [back to search results](#) » [previous result](#) | [next result](#) »

Document details

Title Adherence to calcium channel blocker poisoning treatment recommendations in two Canadian cities.

Authors St-Onge, M.; Archambault, P.; Lesage, N.; Guimont, C.; Poitras, J.; Blais, R.

Author Affiliation University of Toronto, 50 Stephanie Street Suite 1507, Toronto, Ontario, M5T 1B3, Canada.

Author Email egnomie@hotmail.com

Journal Clinical Toxicology 2012 Vol. 50 No. 5 pp. 424-430

ISSN 1556-3650

DOI 10.3109/15563650.2012.687741

URL <http://informahealthcare.com/cdx>

Record Number 20123227095

Abstract

Context. No study has documented whether physicians call poison control centres (PCC) for calcium channel blocker (CCB) poisoning or if interventions suggested by the PCC are being applied. Objectives. This study evaluated the compliance of physicians with the Quebec Poison Control Center's (QPCC) recommendations for the treatment of CCB poisoning. It also assessed the outcomes of these patients. Methods. This retrospective chart review was conducted with CCB-poisoned adults who were admitted to a hospital in Quebec City or Montreal between January 2004 and November 2007. Using the sequence of interventions, it was determined whether or not the PPC recommendations were adhered to. Level of care provided, morbidity and mortality were reported. The researchers also used the QPCC database to verify if the poison centre was consulted for

Tools

Log into MyCABDirect to set up RSS feeds and email Alerts

 [Marked records](#)

 [Mark this record](#)

 [Search History](#)

 [Print this record](#)

 [Email this record](#)

 [Export citation](#)

 [Download MARC21 Record](#)

Related literature

- [Other articles by these authors on Google Scholar](#)
- [Search Google for related articles](#)
- [Order from the British Library \(Artweb-registered users\)](#)

Refining Search Results:



The screenshot shows the cabdirect search results page for the query "heart disease". The page has a green header with the cabdirect logo and navigation links. On the left, there is a sidebar with "Subscription Information" and "Refine Results" sections. The main content area displays the search results, including a search bar, a "Search results" heading, and a list of results. The first result is titled "Adherence to calcium channel blocker poisoning treatment recommendations in two Canadian cities..." and the second is "Filling America's fiber intake gap: summary of a roundtable to probe realistic solutions with a focus on grain-based foods...". On the right, there is a "Tools" sidebar with links for "Marked records", "Search History", "Print marked records", "Email marked records", "Export marked Citations", and "Download marked as MARC records".

Refine Results

Refine your search

- ▾ **Specific Topic**
 - man (13,660)**
 - coronary diseases (10,914)**
 - human diseases (10,602)**
 - heart diseases (10,574)**
 - eukaryotes (7,217)**
 - more...
- ▾ **Subject Category (CABICODE)**
- ▾ **Year of publication**
- ▾ **Source Title**
- ▾ **Author**
- ▾ **Geographic location**
- ▾ **Language**
- ▾ **Full Text**
- ▾ **Your CABI Databases**

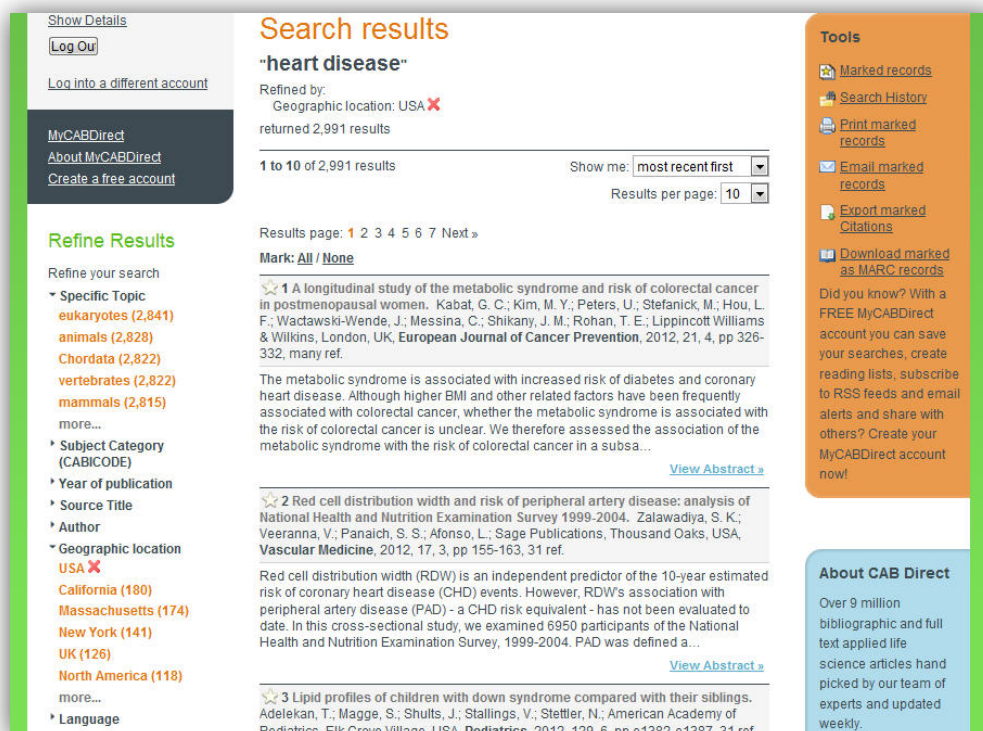
To the left of the displayed records, in the Results Display screen, is a list of options to **Refine Results**. These expandable lists of search terms have been built from the current search results, by analyzing the content of the retrieved records. The most frequently occurring terms, names, codes and dates, that appear in the various fields of the database records, are listed in order of occurrence and, next to each term, is the number of records, from the current results list, that contain that particular term, name, code or date.

Each entry in a list is a clickable search link which, if clicked, will refine or limit the current search to records containing that particular entry. The full list of Refine options is shown below.

The Refine options include:

Specific Topic	CABI's controlled indexing terms, used to index all the major concepts in the original article. Useful for finding just the really important papers.
Subject Category (CABICODES)	Concept codes, and associated headings, used to code for broad subject areas.
Year of Publication	Year of Publication of the original article.
Source Title	Title of the publication in which the article was published.
Author	Personal and corporate authors and editors names.
Geographic Location	Terms used to index important geographical concepts in the original article.
Language	Language of the original article.
Full Text	This link will limit your search results to database records with links to CABI's Free Full Text database.
Your Subscriptions	This link allows user to limit their results to records from, or relating to, particular CABI databases.

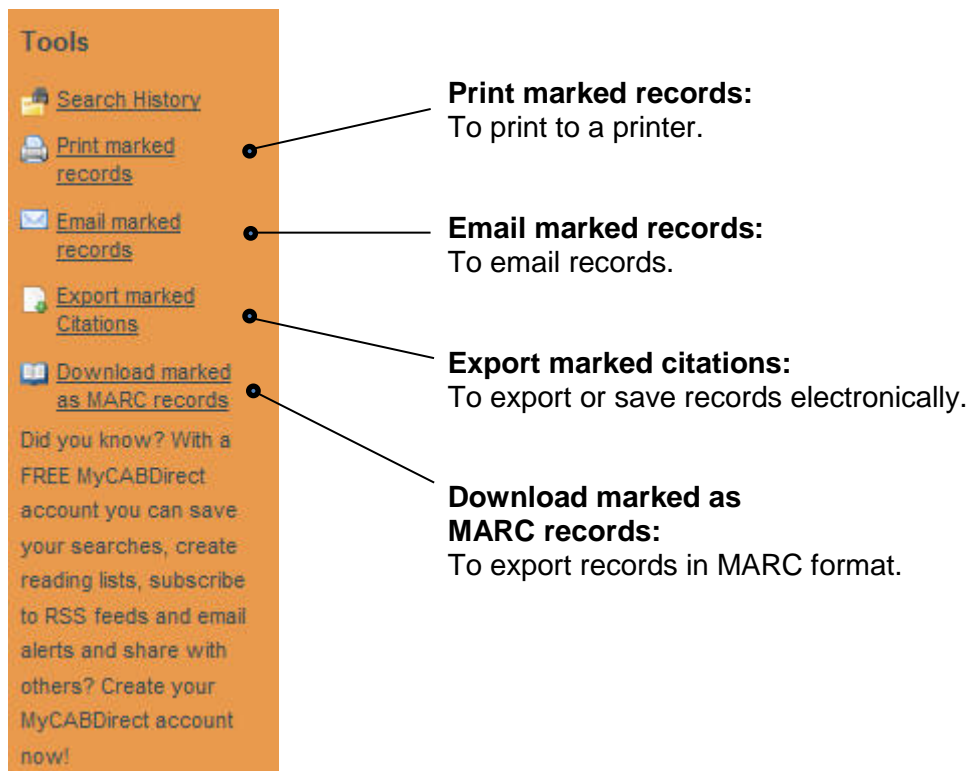
To view the lists, expand them by clicking on the heading. Click “**more...**” to expand the list fully, as required. To **Refine** your search, simply click your chosen entry. A new search will be run, which will combine this new entry with your previous search, refining the results to a smaller, more relevant list of records. In the following screenshot, we have **Refined** our original search for “**Heart Disease**” to the “**Geographic Location**” **USA**.



The screenshot shows the CABI search results interface. On the left, there's a sidebar with navigation links like 'Show Details', 'Log Out', and 'Log into a different account'. Below that, the 'MyCABDirect' section includes links to 'About MyCABDirect' and 'Create a free account'. The 'Refine Results' section allows users to refine their search by 'Specific Topic' (eukaryotes, animals, Chordata, vertebrates, mammals) and 'Subject Category (CABICODE)'. The main search results area displays 'Search results' for 'heart disease', refined by 'Geographic location: USA', showing 2,991 results. It includes a 'Marked records' section with a list of results, each with a star icon and a brief description. The first result is 'A longitudinal study of the metabolic syndrome and risk of colorectal cancer in postmenopausal women'. The second result is 'Red cell distribution width and risk of peripheral artery disease: analysis of National Health and Nutrition Examination Survey 1999-2004'. The third result is 'Lipid profiles of children with down syndrome compared with their siblings'. On the right, there's a 'Tools' section with links to 'Marked records', 'Search History', 'Print marked records', 'Email marked records', 'Export marked Citations', and 'Download marked as MARC records'. Below that, a 'Did you know?' section promotes the 'FREE MyCABDirect account'. At the bottom right, the 'About CAB Direct' section mentions 'Over 9 million bibliographic and full text applied life science articles hand picked by our team of experts and updated weekly'.

Outputting Records:

Once you have completed your search, you will want to print or export the results. There are four basic output options, available in the orange box marked “Tools”. These are:

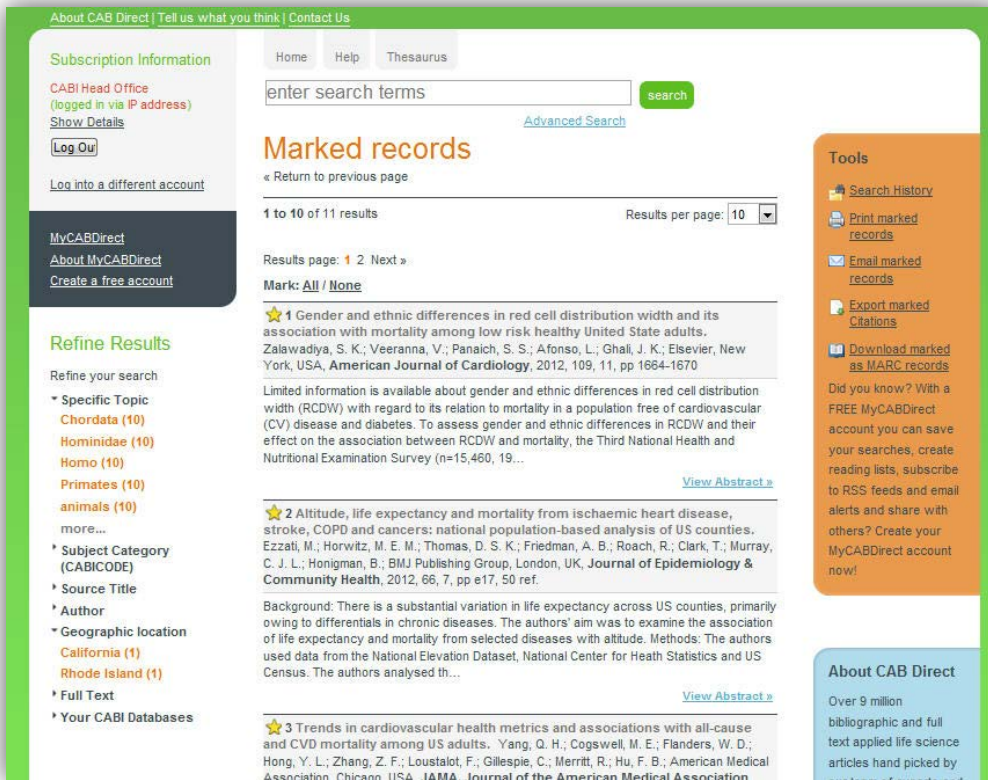


Tools

- [Search History](#)
- [Print marked records](#) • **Print marked records:**
To print to a printer.
- [Email marked records](#) • **Email marked records:**
To email records.
- [Export marked Citations](#) • **Export marked citations:**
To export or save records electronically.
- [Download marked as MARC records](#) • **Download marked as MARC records:**
To export records in MARC format.

Did you know? With a FREE MyCABDirect account you can save your searches, create reading lists, subscribe to RSS feeds and email alerts and share with others? Create your MyCABDirect account now!

To output records, you first have to **Mark** the records in which you are interested. Records can be Marked, individually, by checking the small star icon to the left of the record number. If you want to output all the records displayed on the current page, you can do this by clicking the **Mark All** link, that appears just above the first record. This will **Mark** all the records displayed on the current page. The Marked records will be added to a temporary Marked List. This list can be output immediately or added to throughout the current search session (maximum 1,000 records). The Marked list will build, as you add extra records during the current search session. Before outputting the Marked records, you can view the complete Marked List by clicking on **Marked records** at the top of the orange Tools box. A Marked List example is shown below:



[About CAB Direct](#) | [Tell us what you think](#) | [Contact Us](#)

[Home](#) | [Help](#) | [Thesaurus](#)

enter search terms [search](#) [Advanced Search](#)

Marked records

[Return to previous page](#)

1 to 10 of 11 results Results per page: 10

Results page: 1 2 Next »

Mark: [All](#) / [None](#)

★ 1 Gender and ethnic differences in red cell distribution width and its association with mortality among low risk healthy United State adults. Zalzawadiya, S. K.; Veeranna, V.; Panaich, S. S.; Afonso, L.; Ghali, J. K.; Elsevier, New York, USA, *American Journal of Cardiology*, 2012, 109, 11, pp 1664-1670

Limited information is available about gender and ethnic differences in red cell distribution width (RCDV) with regard to its relation to mortality in a population free of cardiovascular (CV) disease and diabetes. To assess gender and ethnic differences in RCDV and their effect on the association between RCDV and mortality, the Third National Health and Nutritional Examination Survey (n=15,460, 19...

[View Abstract »](#)

★ 2 Altitude, life expectancy and mortality from ischaemic heart disease, stroke, COPD and cancers: national population-based analysis of US counties. Ezzati, M.; Horwitz, M. E. M.; Thomas, D. S. K.; Friedman, A. B.; Roach, R.; Clark, T.; Murray, C. J. L.; Honigman, B.; BMJ Publishing Group, London, UK, *Journal of Epidemiology & Community Health*, 2012, 66, 7, pp e17, 50 ref.

Background: There is a substantial variation in life expectancy across US counties, primarily owing to differentials in chronic diseases. The authors' aim was to examine the association of life expectancy and mortality from selected diseases with altitude. Methods: The authors used data from the National Elevation Dataset, National Center for Health Statistics and US Census. The authors analysed th...

[View Abstract »](#)

★ 3 Trends in cardiovascular health metrics and associations with all-cause and CVD mortality among US adults. Yang, Q. H.; Cogswell, M. E.; Flanders, W. D.; Hong, Y. L.; Zhang, Z. F.; Loustalot, F.; Gillespie, C.; Merritt, R.; Hu, F. B.; American Medical Association, Chicago, USA, *JAMA. Journal of the American Medical Association*

[View Abstract »](#)

Refine Results

Refine your search

- Specific Topic
 - Chordata (10)
 - Hominidae (10)
 - Homo (10)
 - Primates (10)
 - animals (10)
 - more...
- Subject Category (CABICODE)
 - California (1)
 - Rhode Island (1)
- Source Title
 - Author
 - Geographic location
 - Full Text
 - Your CABI Databases

Tools

- Search History
- Print marked records
- Email marked records
- Export marked Citations
- Download marked as MARC records

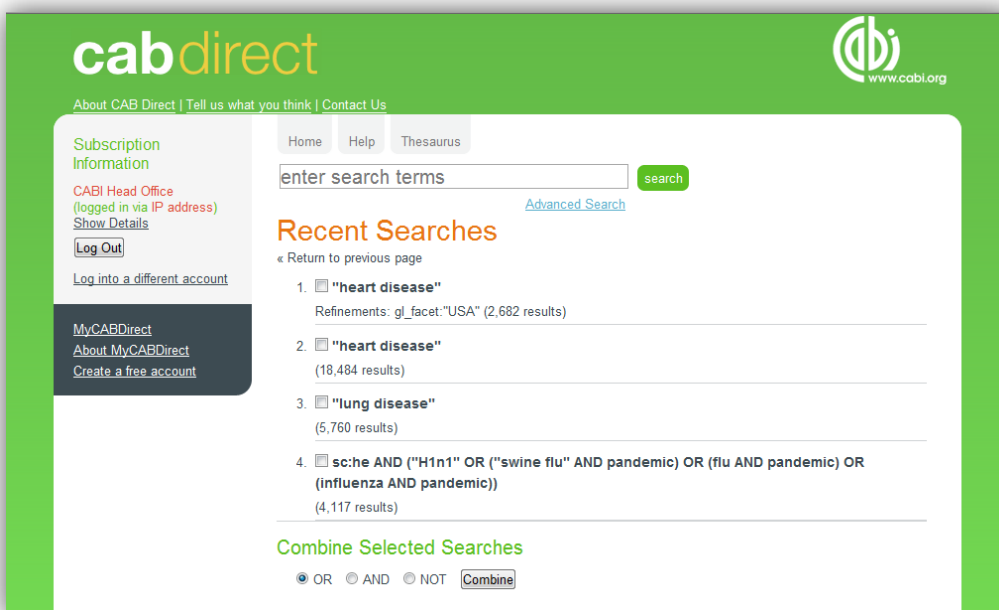
Did you know? With a FREE MyCABDirect account you can save your searches, create reading lists, subscribe to RSS feeds and email alerts and share with others? Create your MyCABDirect account now!

About CAB Direct

Over 9 million bibliographic and full text applied life science articles hand picked by experts of worldwide

Search History:

As you search, a History is created, which lists all the searches performed in the current search session. To see this list, simply click on the [Search History](#) link in the orange **Tools** box to the right of the Search Results screen. This will display the Search History screen, as shown below.



[About CAB Direct](#) | [Tell us what you think](#) | [Contact Us](#)

[Home](#) | [Help](#) | [Thesaurus](#)

enter search terms [search](#) [Advanced Search](#)

Recent Searches

[Return to previous page](#)

- ☐ "heart disease"
 Refinements: gl_facet:"USA" (2,682 results)
- ☐ "heart disease"
 (18,484 results)
- ☐ "lung disease"
 (5,760 results)
- ☐ sc:he AND ("H1n1" OR ("swine flu" AND pandemic) OR (flu AND pandemic) OR (influenza AND pandemic))
 (4,117 results)

Combine Selected Searches

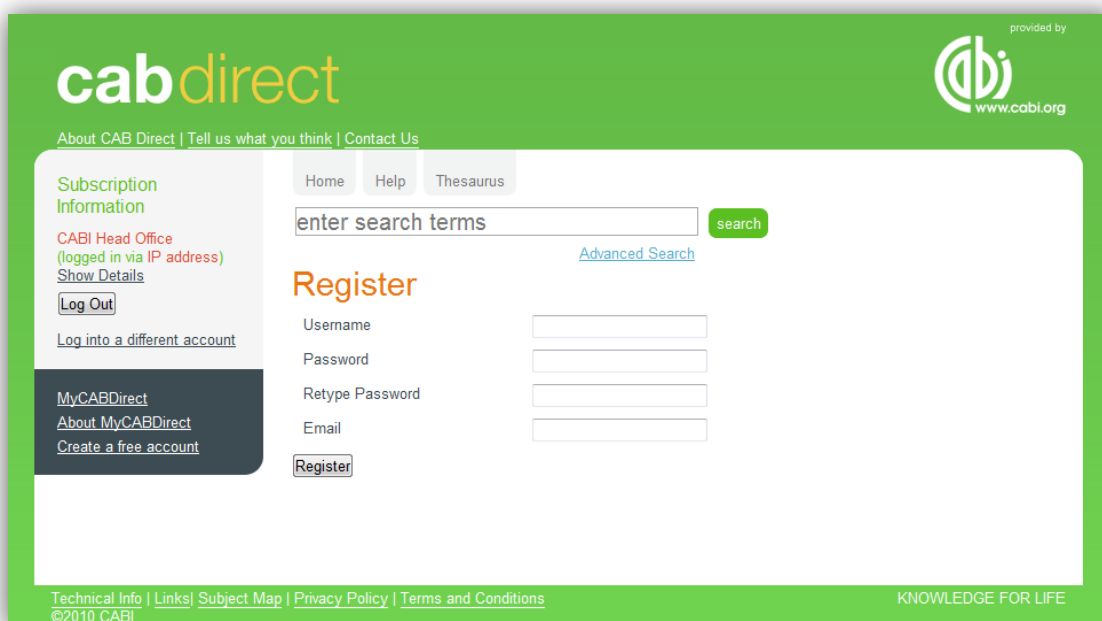
☒ OR ☐ AND ☐ NOT [Combine](#)

This screen shows the searches and the record numbers. You can re-run any of the searches in the list by simply clicking on the search string ("**heart disease**", for example). You can also use this screen to combine the results from different searches, to create a new search. In the example, shown above, we might wish to combine the two searches on heart disease OR lung disease together. To combine searches, simply check the box next to the searches you wish to combine, select the Boolean Operator you wish to use (AND, OR or NOT), and click the "**Combine**" button. A new search "set" will be created, comprising all the relevant records. Note, this Search History is not saved when you Logout. However, if you wish to save a search, to re-use at a later date, you can do this by signing up to a "MyCABDirect" account.

MyCABDirect:

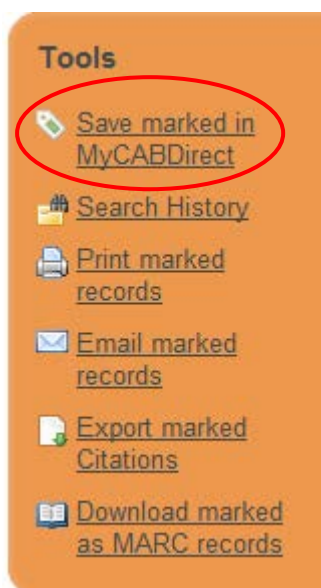
If you set up a personal MyCABDirect account, you can personalise the site and make use of some additional, useful features of CAB Direct.

To create a free, MyCABDirect account, simply click the "Create a free account" link in the grey box to the left of the screen. You will see the following registration screen:



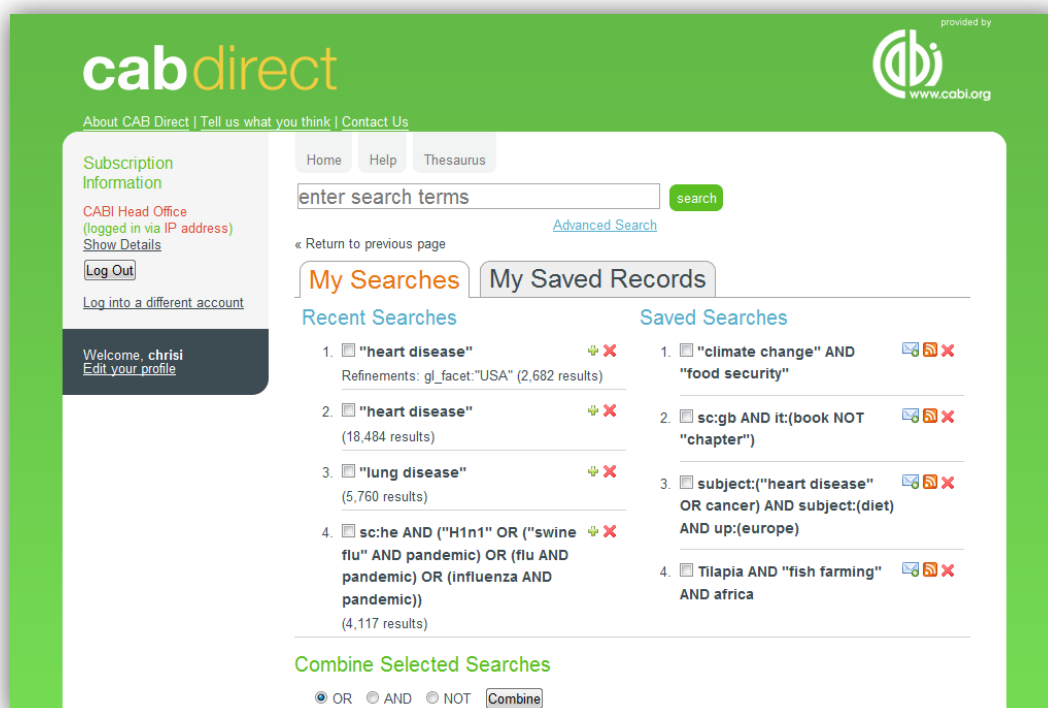
The screenshot shows the MyCABDirect registration page. The header is green with the 'cabdirect' logo and the CABI logo with 'provided by www.cabi.org'. Below the header, there are links for 'About CAB Direct', 'Tell us what you think', and 'Contact Us'. On the left, there is a sidebar with 'Subscription Information', 'CABI Head Office (logged in via IP address)', 'Show Details', 'Log Out', and 'Log into a different account'. Below this, there is a grey box with 'MyCABDirect', 'About MyCABDirect', and 'Create a free account'. The main content area has tabs for 'Home', 'Help', and 'Thesaurus'. There is a search bar with 'enter search terms' and a 'search' button. Below the search bar, there is a link for 'Advanced Search'. The 'Register' section has four input fields: 'Username', 'Password', 'Retype Password', and 'Email', followed by a 'Register' button. At the bottom, there are links for 'Technical Info', 'Links', 'Subject Map', 'Privacy Policy', and 'Terms and Conditions', along with '©2010 CABI' and 'KNOWLEDGE FOR LIFE'.

After you have filled in the details, click the [Register](#) button to create your account.



Each time you use CAB Direct, you can Log in to your MyCABDirect account, by clicking the [MyCABDirect](#) link and entering your personal username and password. When you have logged into your account, you will be able to Save Marked Records to **MyCABDirect**.

If you click the [MyCABDirect](#) link, you will be taken to your personalised, **MyCABDirect** page, where you will see all your temporary searches. Here you will also be able to permanently save selected Search Histories, set up e-mail Alerts and RSS feeds and view your Saved records.



From this page, you can also combine searches or rerun searches simply by clicking on the Search Statement of interest.

The **My Saved Records** allows you to manage and output saved records.

[About CAB Direct](#) | [Tell us what you think](#) | [Contact Us](#)

[Home](#) | [Help](#) | [Thesaurus](#)

Subscription Information

CABI Head Office
(logged in via IP address)
[Show Details](#)

[Log Out](#)

[Log into a different account](#)

Welcome, chrisi
[Go to MyCABDirect](#)
[Edit your profile](#)

[search](#)

[Advanced Search](#)

[Return to previous page](#)

My Searches

My Saved Records

Select: [All](#) / [None](#)

- Adaptation to climate change through sustainable management and development of agroforestry systems. ☐
- Bovine excrement, amounts over estimated. ☐
- City tourism: national capital perspectives. ☐
- Climate change will affect the Asian water towers. ☐
- Diagnostic evidence for introduce of new soil type (sandy soils) into the Bulgarian Classification. ☐
- Human response and adaptation to drought in the arid zone: lessons from southern Africa. ☐
- Rainfall fluctuation and changing patterns of agriculture practices. ☐
- Sequestering carbon in soils of arid ecosystems. ☐
- Soil care and climate change. ☐

Select: [All](#) / [None](#)

Selected records

[Export Citations](#)

[Download MARC21 records](#) 

[Delete from MyCABDirect](#) 

[Technical Info](#) | [Links](#) | [Subject Map](#) | [Privacy Policy](#) | [Terms and Conditions](#)

KNOWLEDGE FOR LIFE