

CABI Training Materials
Forestry Compendium (FC)
User Guide



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Introduction



The Forestry Compendium is a unique global compilation of knowledge on forestry. It has a comprehensive, worldwide coverage on tropical, subtropical, temperate and boreal tree species of major economic importance, and lesser-known species of local importance. It also covers in detail many of the pests that damage these trees. It is a reference tool, which provides a basis for informed selection of woody species for a variety of uses, including for trials in plantation, agroforestry and natural forest systems. The following resource types are available on the Forestry compendium:

Datasheets: Compiled by experts, datasheets provide detailed information on

forest trees and their associated pests, or an overview of countries.

Abstracts records: Indexed records from a subset of CAB Abstracts database relating to

the subject of forestry.

Full text articles: Links to the complete scientific record for scholarly articles, where

available, hosted on the CAB Direct database

Library: Library documents include original texts compiled by experts for the

compendium across a range of topics relating to forestry.

Glossary: Includes over 17,000 definitions including specialist forestry

terminology from CABI's *The Dictionary of Forestry* and the *Society*

of American Foresters (SAF) Dictionary.

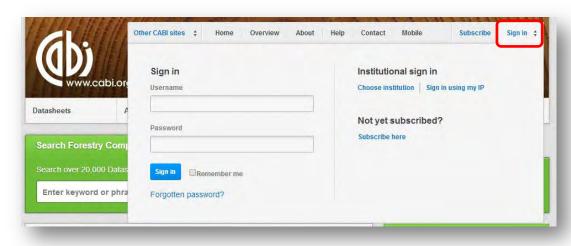
The following guide has been designed for all users of the Forestry Compendium to highlight the various features available and enable our customers to easily navigate the interface. It will also introduce various search techniques for new users of online databases and explain various strategies that can be used when searching to return the most relevant results.

Accessing FC

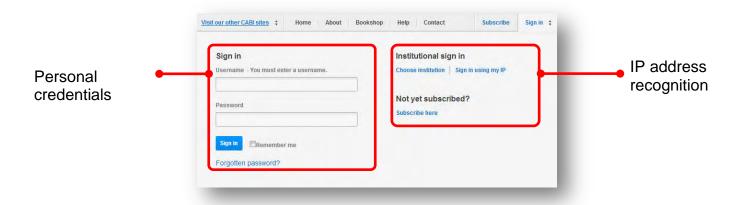


FC is a web-based interface. To access the site visit www.cabi.org/FC

To sign in to the FC click on the situated in the site menu as shown below:



There are two ways to login to the database depending on the access options your account has:



By Personal credentials:

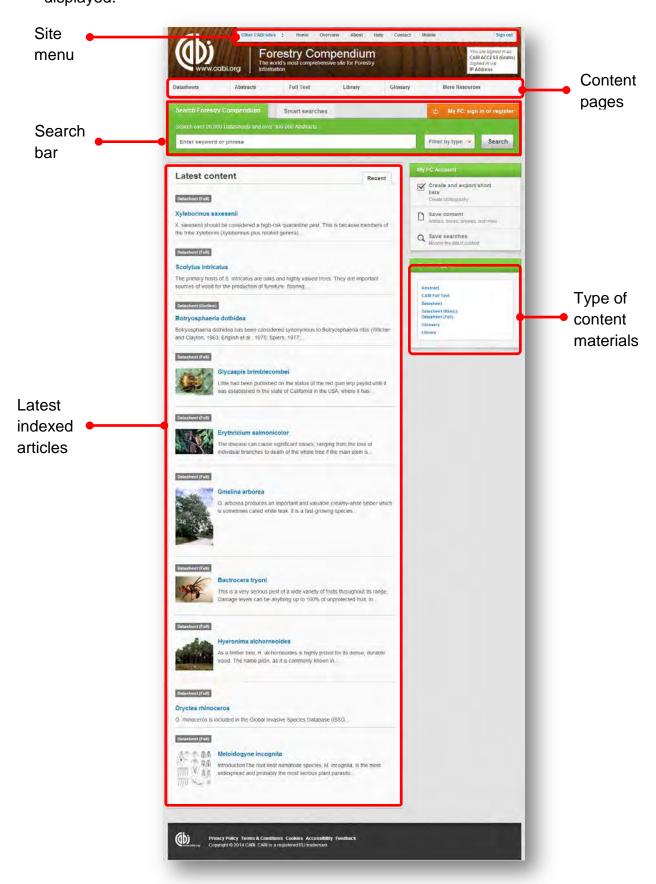
If you requested access to the site by a username and password please enter this in to the login box situated in the top left hand corner of the webpage.

By IP Address:

If your institution has a subscription to FC and you are accessing through your institutions network, the FC platform will recognise your IP address as a registered user and automatically log you on to the site. If you aren't automatically recognised click the Sign in using my IP button.

Navigating the interface

The FC interface has been designed to enable quick and comprehensive content searches. Below shows an image of the FC homepage and the various features displayed.

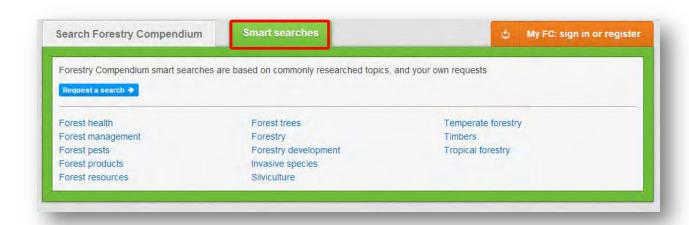


Smart Searches

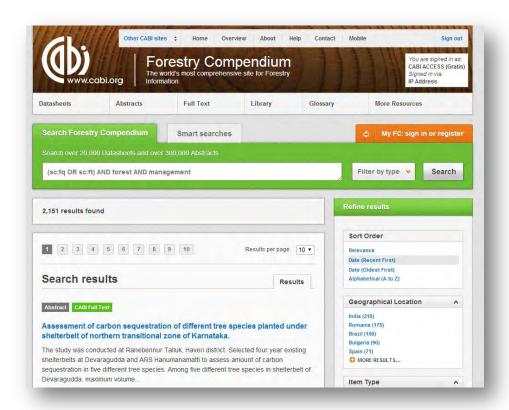
the search box as shown below.



To help you search for literature in common or key topics of interest our subject experts have created predefined search strings. These have been created using complex search techniques such as field tags and multiple Boolean operators to return the most relevant results. To access the Smart searches click on the



This will show you a list of smart searches that are available. To conduct a smart search click on the topic of your choice. The screenshot below shows you the results for the smart search "Forest management"



To narrow results further you can either use the refine panel to the right hand side of the page or add terms manually to the end of the predefined search string.

Simple site searches

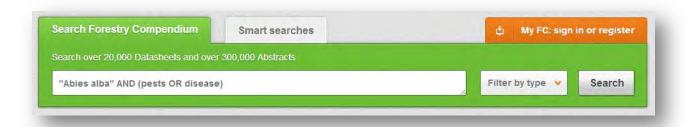


FC offers a simple site search using a variety of basic search techniques to search content across the whole of the site such as Boolean operators and Phrase searching. These search techniques can be found in the <u>search techniques reference table</u>.

Conducting general site searches

A general site search conducts a search across all the various types of content and topics available in FC. It will return a broad range of search results that will include all material types from all subject areas. It can be a useful place to begin a search.

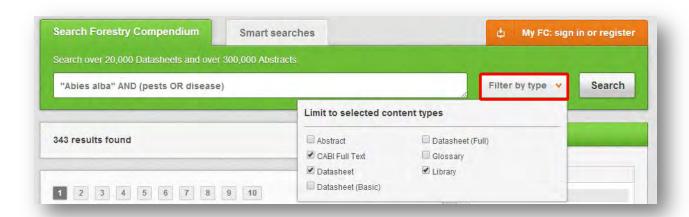
To conduct a general site search enter your search terms in to the search box located in the search bar of the home page and click the search button as shown below:



Conducting filtered site searches

A filtered site search can be used to limit a search to types of content hosted on the FC site. This will return a narrower range of search results and is particularly useful if you are trying to limit to specific material types.

To conduct a filtered site search enter your search terms in to the search box located in the search bar of the home page. Click on the filter options to the right of the search box and select the categories you would like to limit the search to. The $\[\ensuremath{\mathbb{Z}} \]$ indicates which categories have been selected. Below shows an example:

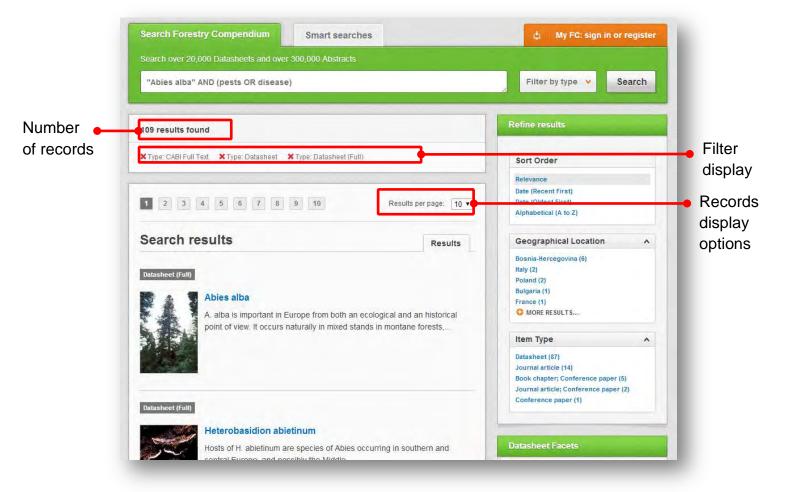


Once selected click the Search button.

Viewing search results

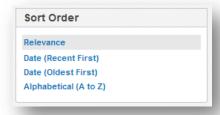


The returned results will be displayed on the search results page as shown below. The figure below the search box indicates the number of returned results from your search string query. Below this will show any filtered categories that were selected for the search. To remove the filters simply click the next to the filtered term. At the top and bottom of the search results screen there are also options to vary the number of records displayed on the current page.



Ordering results

Results can be displayed either by most relevant records to your search, by publication date or by an alphabetical list records based on the article title. The sorting options can be found in the panel to the right of the results.





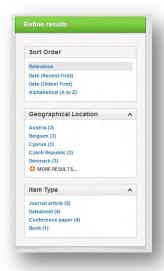
Below shows an example of an article header from the returned results. You can see the resource type, the article title, the leading sentence of the article abstract and further bibliographic information for the record. If the full text article is available the View CABI full text > button is displayed which gives access to the full text article.



Faceted searching

On the right side of the results page there is a refine results pane to allow you to you to narrow results further according to content types and indexing keywords. For general site searches across the site the refine panel is split into three sections:

All content faceting:



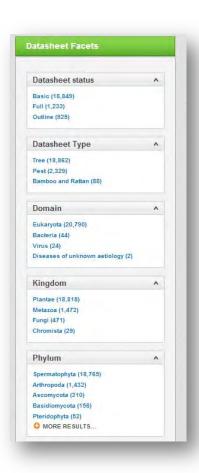
Geographical location:

Filters results to only show records that refer to particular geographical regions.

Item type:

Filter results to only display particular material/content types





Datasheet status:

Filter results to display either basic or full datasheets.

Datasheets type:

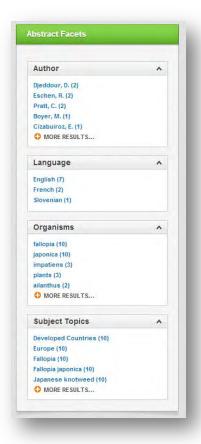
Filter results to display particular datasheet type.

Organism categories:

Filter results to display datasheets relating to particular organism categories split by the following taxonomic rank:

- Domain
- Kingdom
- Phylum
- Subphylum
- Class

Abstract facets (only applicable to bibliographic records and full text):



Author:

Limit results to literature written by a particular primary, secondary or associated authors

Language:

Limit results to display records originally written in a particular foreign language. A English abstract is provided for over 97% of the content indexed by CABI

Organisms:

Limits results to display only specific organisms or taxonomic group as according to CAB Thesaurus indexing

Subject topics:

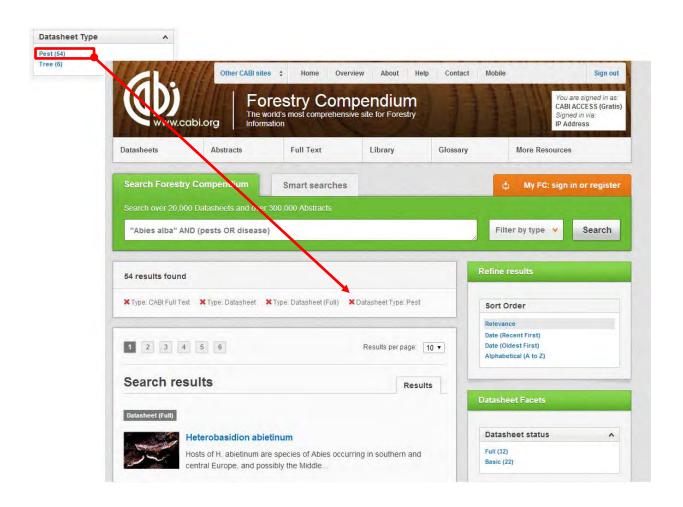
Limit results to display only records that have specific keywords indexed. These keywords are assigned to the subject super index that encompasses CABI's five metadata fields.





For all refine options each field is listed in a separate box. These can be collapsed by using the in the field box header. Blue text indicates the keyword and the bracketed number indicates the amount of records associated to it.

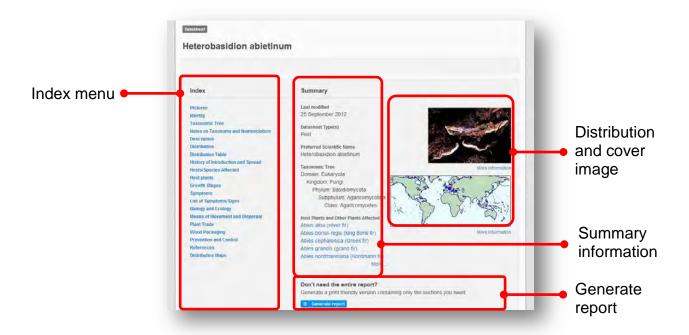
Clicking on a blue keyword conducts a search to return results specific to the selected topic and the relevant keyword from the associated field. For example, below we can see that by clicking on the datasheet Pest (54) listed in the datasheet type field box a filtered search is generated limiting results to only records of this type. This is displayed in the filter display at the top of the results page.



www.cabi.org

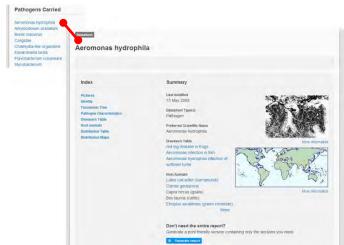
Datasheets

Each compendia product contains different datasheet types. To see the datasheets hosted by FC and for further information on content covered visit <u>appendix B</u>. To view a datasheet, click on the datasheet title in the results list. The datasheet record is displayed on a single html page. At the top of the page a summary is provided giving a brief outline of key information contained in the datasheet. This will vary depending on the datasheet type but generally includes the publication date/last modified date, datasheet type, nomenclature and taxonomy. An index is displayed listing the full contents of the datasheet with clickable links to each section.



Lists and intuitive linking

One of the aims of the Compendium is not to be just a flat, encyclopaedic reference, but to offer dynamic linking to influence problem solving and information gathering. Different datasheets have been designed to accumulate useful lists of related information that are specific to each datasheet type. Intuitive linking has been used in these lists to link content. For example, from the pathogens list taken from the Heterobasidion abietinum datasheet we can link out to a datasheets on Aeromonas hydrophila

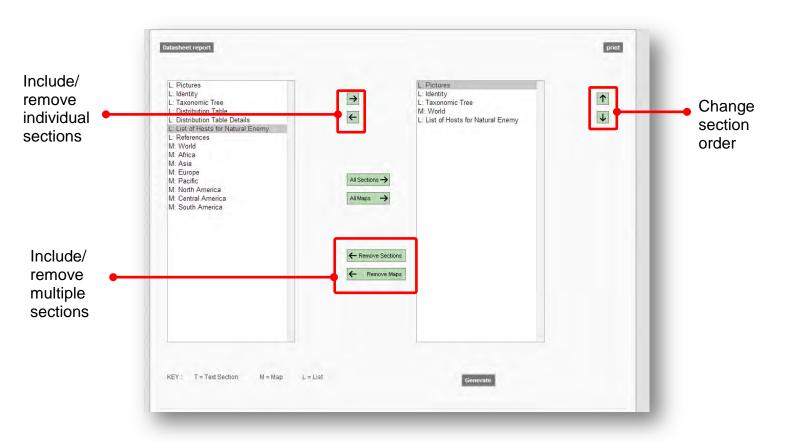


Generate report



The report function allows users to create bespoke reports from the various components of a datasheet available (texts, tables, maps and pictures). These bespoke reports can then be printed or pasted in to other documents. This can provide users with useful printed reference materials that can be used in presentations, as study support materials or practical field reference notes. This is especially useful for users in countries or regions with limited internet access.

To generate your own report click on the Generate report button located at the top of the datasheet. This will display the report page as shown below and allow users to select specific sections from the datasheet. The left hand column shows the title of the sections available and indicates the type of section it is (T = text, L = List, and M = Map). The right hand column displays the information sections you have selected to be included in your report. To include a information section in your report select the section of interest from the left hand column and click the button to move it to the right hand column. To remove a section from your report simply select the section and click the to remove it from your report column. The and buttons can be used to change the order of information sections in your report.



There are options to add or remove multiple groups of maps and information sections using the buttons as indicated above. Once you have selected all the sections you require click the Generate button.

Bibliographic records and full text

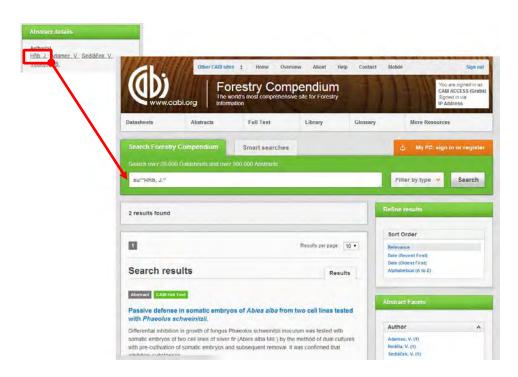


To view a records full bibliographic information click the article title in the results list to see the full record page.



As well as the full abstract the page will also include the full bibliographic information and indexing keywords that were assigned to the record during the indexing process. This can be found under the Abstract details pane on the right of the page.

All these terms are intuitive links which when clicked performs a search on that term. The example below shows a section of the Abstract details pane. In this example we have clicked on the author name Hřib. J. This has performed a site search using the search string au:"Hřib, J." which has returned all records this author has contributed to.





Advanced Searching

Field searching

The search box for FC also allows you to conduct advanced field searching using the index field tags. Field searching is a technique by which users can search for keywords in specific indexing fields. These indexing fields are used when adding a bibliographic record to CAB Direct e.g. Abstract title, author. Each indexing field has an associated field tag which can be used in conjunction with search keywords to return a more precise set of results. Below is a list of the indexing fields and their associated tag:

Common search fields

Description	Field Tag
Abstract	ab
Author affiliation	aa
Descriptor	de
Organism Descriptor	od
Geographic Locator	gl
Broad term	up
Identifier	id
Publication source	do
Publisher	publisher
CABICODE	СС
Conference	ct
Language	la
Publication type	it
Year	yr
Record number	ра
DOI	oi
ISSN	sn
ISBN	bn

Additional search fields

Description	Field Tag
Additional Authors	ad
Author Affiliation	aa
CAS Registry Numbers	ry
Conference Dates	cd
Conference Title	ct
Corporate Author	ca
Country of Publication	ср
Descriptors	de
Digital Object Identifier	oi
Document Editors	ed
Document Title	do
Email	em
English Item Title	et
Non English Item Title	ft
Geographic Location	gl
Identifiers	id
ISBN	bn
ISSN	sn
Item Type	it
Language(s) of Summary	Is
Language(s) of Text	la
Location of Publisher	lp
Main Abstract	ab
Organism Descriptors	od
Pan Number	ра
Personal Author	au
Personal Author Variants	av
Publisher	pb
CABI Product Code	SC
Up-posted Descriptors	up
Web URL	ur
Year of Publication	yr



To conduct a field search type the associated field tag (must be lowercase) into the search box followed by a colon. Next enter your search term/s. Field searching can also be conducted using the variety of simple search techniques outlined previously such as multiple word searches and Boolean operators. Below show some examples:

Single word search: gl: Europe

Multiple word search: title: Europe AND Ash

Searching with parentheses: title: Europe AND (Ash NOT fire)

Metadata searching

If you are looking only for important papers on a particular subject, where you want a high level of relevance, you should restrict your search to one or more of the CABI indexing or Descriptor fields. Every record on the database is indexed with terms that describe all the important concepts within a paper. The index terms may be added to one of 5 different indexing fields. The indexing fields that CABI uses are:

Fields	Tags	Description	Example
Organism Descriptor od: is		The Organism Descriptor field is used for animal and plant names	od: "Ash"
Geographic Location gl:		Geographic Location field is used for country and other geographic names	
Descriptor de:		The Descriptor field is used for all the "other" terms that are neither animal, plant nor geographic	de: soil management
Broad Term (Up-posted Term) up:		The broad term is used to search for the keyword and narrower terms in the vocabulary hierarchy as defined in CAB Thesaurus	up: "Europe"
Identifier id: This field is used for non-preferred in		This field is used for non-preferred index terms	id: cryptochrome

Please note: When searching the organism descriptor all animals are indexed with their scientific names except for common livestock species. Plants are indexed with both their scientific and their common names.



Super indexes

Super indexes allow users to search multiple indexes across related fields. They are useful tools for users if they are unsure which fields they need to specify when trying to conduct advanced field searching. They can be searched in the same way as other fields as the super indexes have their own field tag associated to them. FC also has three super indexes.

The first two super indexes shown in the table below are used when searching bibliographic information relating to either the article title or the article authors. The table below shows the field tag, field indexes that are searched and an example of a search.

Super index name	Super index field tag	Fields searched	Example
Title	title:	English title Foreign title	title: Europe AND (Ash NOT fire)
Author	author:	Personal author Author variant Additional author Document editor Corporate author	author: EPPO

The third super index called the subject index is used when searching for the indexing terms or metadata that is recorded or assigned to each record. The table below shows the field tag, field indexes that are searched and an example of a search.

Super index name	Super index field tag	Fields searched	Example
Subject	subject:	Descriptor Geographic location Organism descriptor Identifer	subject: phytopathogens



CABICODES

In addition to adding index terms to a record, broad concepts are also "indexed" with a classification system known as CABICODES. The CABICODES are a hierarchical list of classification codes that divide the subject coverage of the CAB ABSTRFCTS database into 23 major sections. Each section then includes a series of codes that divides that subject into more specific subjects. The codes themselves are typically used to code for subjects that would be difficult to describe with keywords alone. These CABICODES shown below display all the CABICODES for Aquatic sciences and their associated topic area. For a full list of CABICODES and their topic areas visit the **CABICODE list**.

KK000 Forestry, Forest Products and Agroforestry (General)

KK100 Forests and Forest Trees (Biology and Ecology)

KK110 Silviculture and Forest Management

KK120 Forest Mensuration and Management (Discontinued March 2000)

KK130 Forest Fires

KK140 Protection Forestry (Discontinued March 2000)

KK150 Other Land Use (Discontinued March 2000)

KK160 Ornamental and Amenity Trees

KK500 Forest Products and Industries (General)

KK510 Wood Properties, Damage and Preservation

KK515 Logging and Wood Processing

KK520 Wood Utilization and Engineered Wood Products

KK530 Chemical and Biological Processing of Wood

KK540 Non-wood Forest Products

KK600 Agroforestry and Multipurpose Trees; Community, Farm and Social Forestry

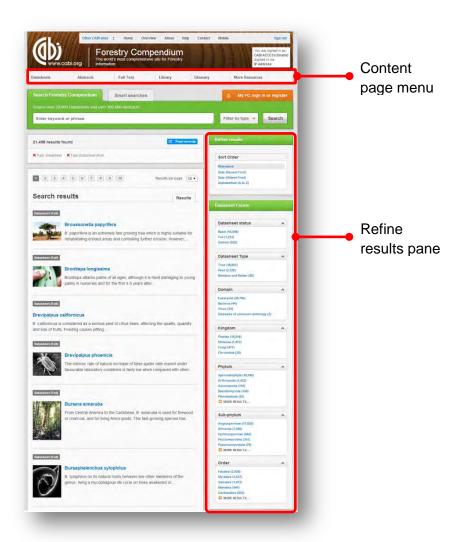
The CABICODES can be searched just like any other field tag. Two field tags are assigned to the CABICODE field and these are described below. Please note, as other field tags these must be entered in lowercase.

Field tag	Definition	Example
cc:	Allows users to search the index of the alphanumerical assigned code	cc:KK500
cabicode:	Allows users to search both the alphanumerical assigned code index as above and the CABI code title	cabicode:KK500 or cabicode:product



Content pages

Content pages enable you to focus searching on specific content types across the FC platform. These pages can be selected from the horizontal menu bar shown in the screen shot below. These cotent pages are structured in a similar format as the homepage but only include content items that refer to the selected choice. For example, the screen shot below shows the topic page for Datasheets. Therefore the latest content section will only show recent articles that refer to this content type. The green underline in the horizontal content page menu indicates which topic page you are currently viewing.



When conducting a search from a content page, the relevant option is automatically selected from the search filter section as shown below. This means that any search conducted from this page will limit searches to only content relating to that material type.





MyFC

The MyFC feature improves search functionality for users allowing users to:

- Combine and save searches
- Save records
- Export citations
- Create Alerts

To gain the full functionality of MyFC and for the system to record and recall your searching activity you must be signed in. It is therefore recommended that you sign-in to MyFC at the beginning of all your search sessions on FC.

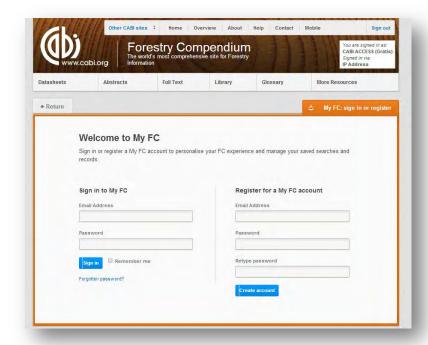
Creating a MyFC account

Before you can access the features of MyFC you first need to create an account. Click on the https://www.creaternormolecular.com/districts/distric

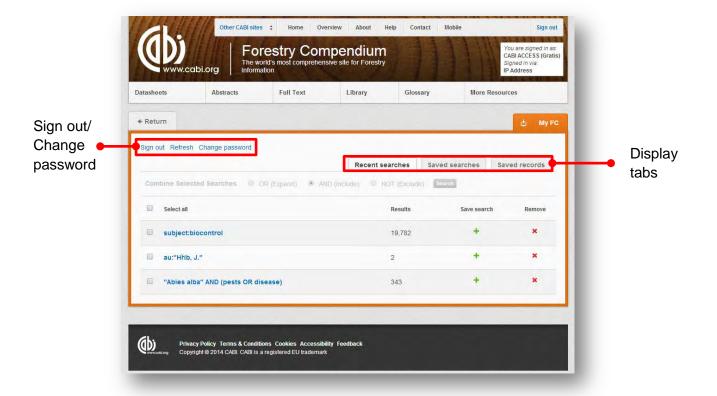


This will direct you to the sign-in page as shown below. The right hand side of the page allows new users to register an account. The left hand side of the page allows users already registered to sign in. Once registered, fill in your unique credentials to sign-in.





Below shows the MyFC page. At the top of the display box are the different tabs to display the different types of search activities. By default the display automatically shows the recent searches that you have conducted. To the left hand side of the page there is also an option to sign-out or change your account password. To permanently remove a search from your recent search display click on remove button

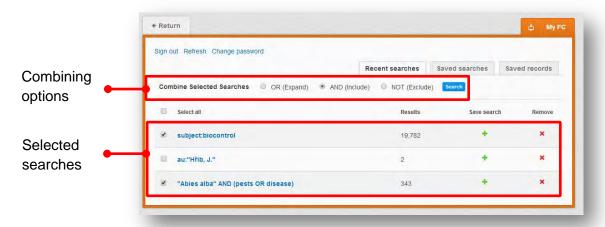




Combining searches

Combined searches are a useful tool for when compiling long and complex search strings which contain multiple Boolean operators and parentheses. To simplify the process and minimise the chance of input errors this function allows the user to perform two or more separate searches and combine them with either the AND, OR and NOT Boolean operators.

In the example below we can see in the recent search tab two searches have recently been conducted. These two have been selected using the checkbox **1** and the AND Boolean operator has been chosen from the combined search options.



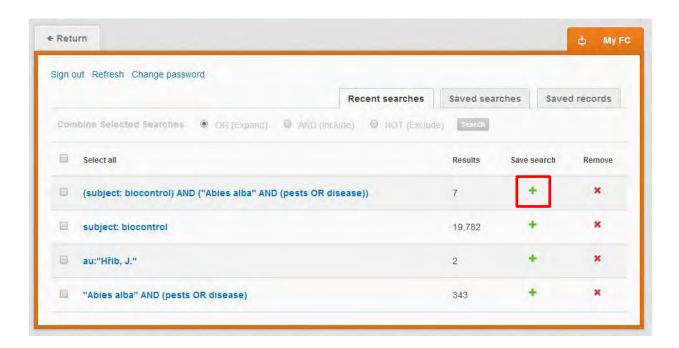
Once your options have been selected perform the search by clicking the button. This will conduct the search and direct you to the results page as shown below. You can see that the search string of the two combined searches is displayed in the search box. By combining this search with the AND operator we have limited the results further but alternatively by using this feature with the OR operator we can also expand results.





Saving searches and creating alerts

For searches you would like to run on a regular basis, users can save searches for future reference by using MyFC. To save a search visit the recent search tab from the MyFC page and click on the save search button



To view your saved searches click on the saved searches tab

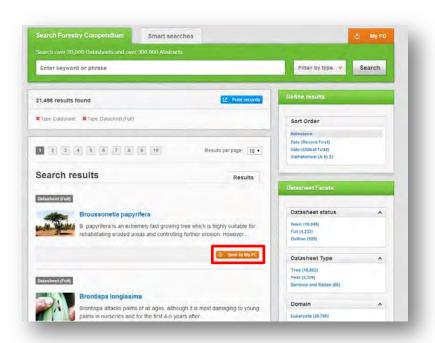
Saved searches. The saved searches tab allows the user to conduct a saved search by clicking on the blue search string displayed. For each saved search there is also an option to set up an RSS feed which automatically notifies the user when new records relating to that search string are added to the FC site. These notifications can be viewed through all RSS readers such as Microsoft Outlook and Feedly. To find out more about RSS and how to setup an account with an RSS reader read more here. To set up an RSS feed for your search string click on the RSS feed button





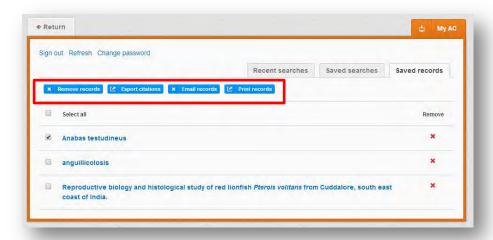
Saving and exporting records

The MyFC tool also allows you to save individual records for future reference and export these to reference management software to create your own bibliographies or reference lists. To save a record to the saved records repository you must first be signed into the MyFC tool before conducting searches. When signed in and a search has been conducted each record in the displayed results will have a button associated. Click this button to save the record.



To view your saved records click on the saved records tab Saved records. This will display the title of all saved records. To view a specific record, click on the title. Records can be removed individually by using the boxes Inext to the records and click the Remove records button as shown below.

Citations can also be exported to reference management software in a RIS file format. To export citations, select the records you would like to be included in the reference list using the checkbox and click the Export citations button as shown below.





Appendix A: Search techniques

Search technique	Example	Description	Function	Reason to use
Single word search	silviculture	Searches using a single word term	Returns a broad range of results for a particular word/topic	Provides a broad overview of a scientific area of interest
Boolean search	"Abies alba" AND distribution	Searches using the operators AND, OR and NOT	Performs searches on multiple concepts that provides specific keyword searching for an area of interest that can include or exclude other concepts.	Allows the user to conduct more controlled searching. Can be used to omit homophones
Phrase searching	"Abies alba"	Use quotation marks before and after a multiple word phrase	Returns results only containing the entire phrase	Narrows searching to records that only contain the whole phrase
Parentheses	"Abies alba" AND (distribution OR coverage)	Searches using keywords, Boolean operators and parentheses.	Used for searches that contain multiple Boolean operators to define the correct search logic	Refines searches with Boolean operators further to provide limited search results
Truncation & wild cards	"Abies alba" AND (distrib* OR coverage)	Uses the symbols * and ? in keyword search	Using the * returns results with different word stems for the root word Using the ? symbol allows users to specify unknown characters	The * allows users to broaden results to keywords with differing word stems e.g. pop* = popular, population, etc. The ? returns results using a keyword that may differ in spelling

Appendix B: Datasheet types



Datasheet type	Description	Topic coverage
Tree:	Datasheets providing detailed information on the identity and silviculture of tree species	 Identity, taxonomy, description Distribution (data & map) Environmental amplitude Silviculture, breeding, management and uses List of pests Biology and ecology
Pest:	Datasheets for pests that attack forest trees	 Taxonomy, description Distribution (data & map) Host, symptoms, biology Movement in trade Impact Management
Country:	Basic datasheets covering over 490 countries and geographic regions	 Country statistics from the World Bank List of pests Land use data from FAOSTAT