



CABI Training Materials
Aquaculture Compendium (AC)
User Guide

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The Aquaculture Compendium (AC) is an encyclopaedic, multimedia tool that brings together a wide range of different types of science-based information to support sound decision-making in aquaculture and aquatic resource management worldwide. It is comprised of information sourced from experts, edited and compiled by an independent scientific organization, and resourced by a diverse international Development Consortium. Subject coverage includes of aquatic animal and plant production, natural resources and environment, biodiversity, trade, food security and safety, poverty alleviation, livelihoods and much more. The following resource types are available on the Aquaculture compendium:

Abstracts records: Indexed records from the CAB Direct database relating to the subject of environmental science

Full text articles: Links to the complete scientific record for scholarly articles hosted on the CAB Direct database

Datasheets: Compiled by experts, datasheets provide a detailed global summary on aquaculture species, their associated pest and diseases, aquatic ecosystems, aquaculture production systems and industry practical case studies.

Library: The Library documents include original texts compiled by experts for the compendium across a range of topics including food products, husbandry, production, breeding and nutrition of food animals. It also includes a substantial collection of book chapters and electronic resources previously published by ACIAR, CABI, FAO, ILRI, OIE and others

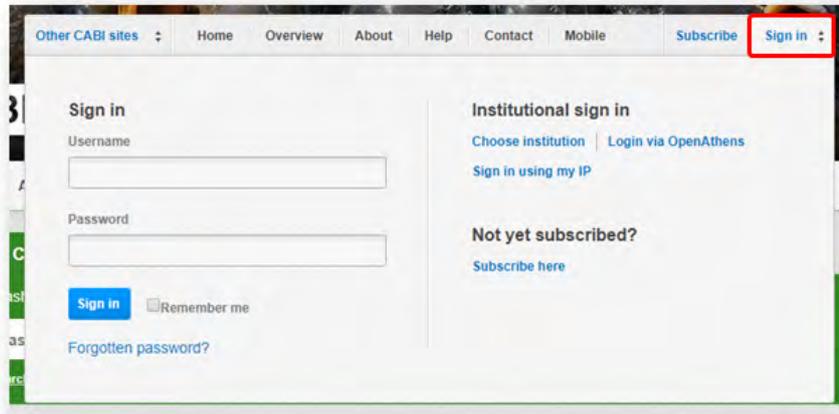
Glossary: Includes terminology and definitions across the English, French, German and Spanish languages. 30,000 definitions from Balliere's Comprehensive Veterinary Dictionary (3rd Edition)

The following guide has been designed for all users of the Aquaculture compendium to highlight 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.

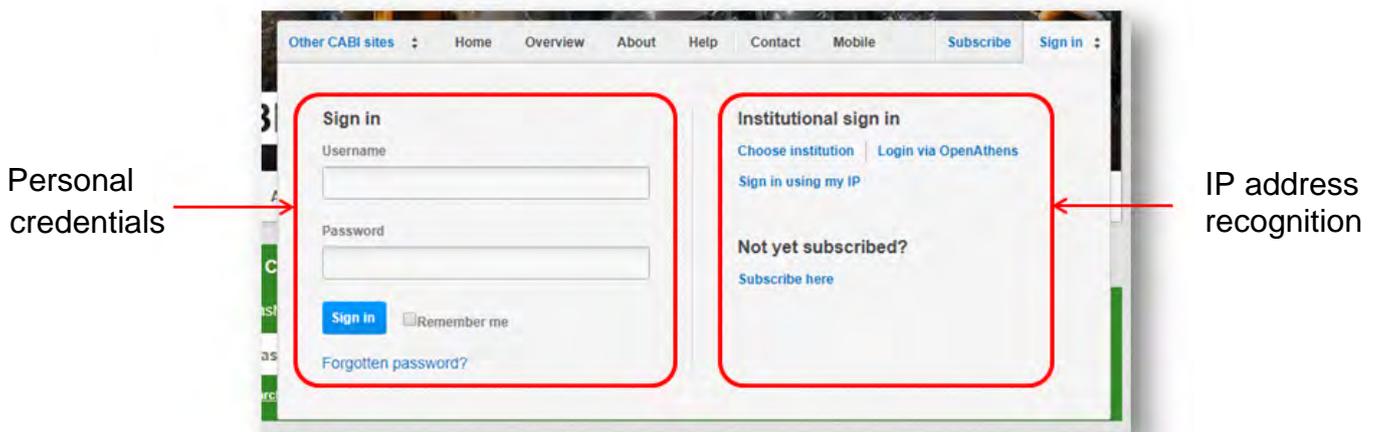
Accessing AC

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

To sign in to the AC click on the [Sign in](#) button 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:

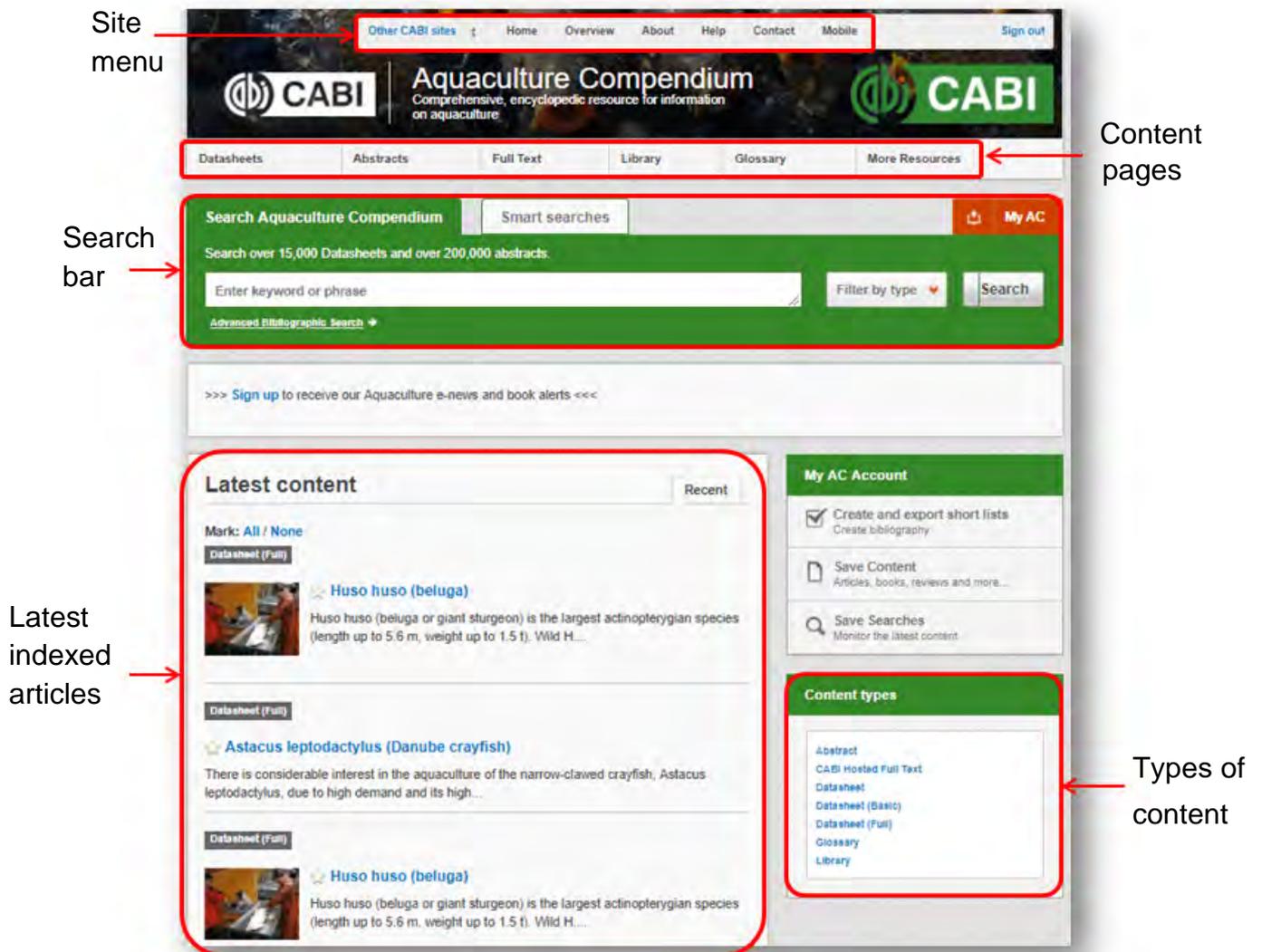
If you requested access to the site by a username and password please enter this in to the login box situated in the top left hand corner of the webpage.

By IP Address:

If your institution has a subscription to AC and you are accessing through your institutions network, the AC 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.

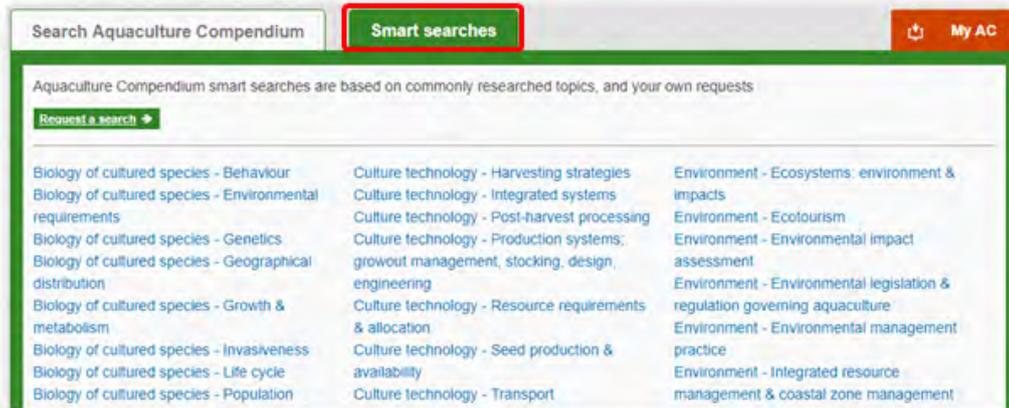
Navigating the interface

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

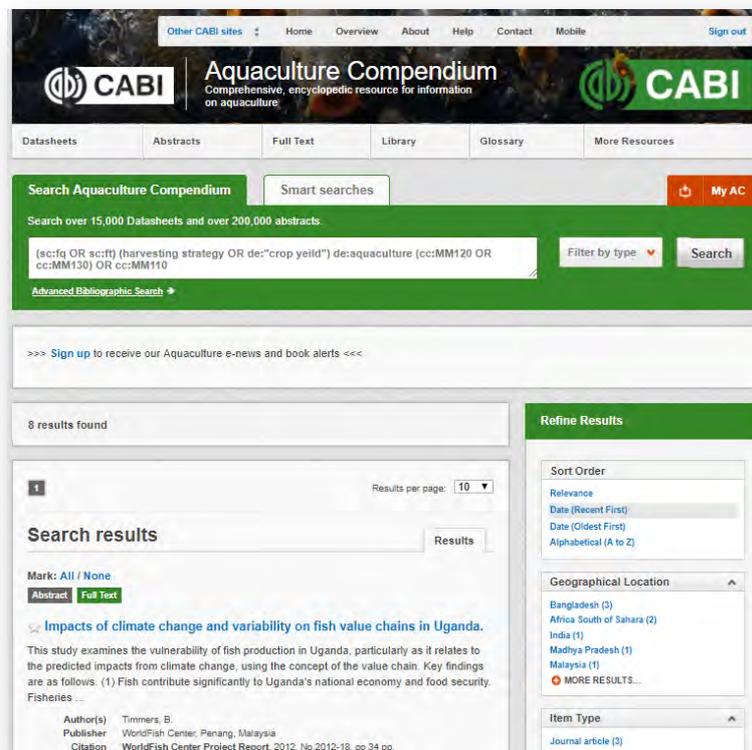


Smart Searches

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 **Smart searches** tab above the search box as shown below.



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 “Culture technology - Harvesting strategies”



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.

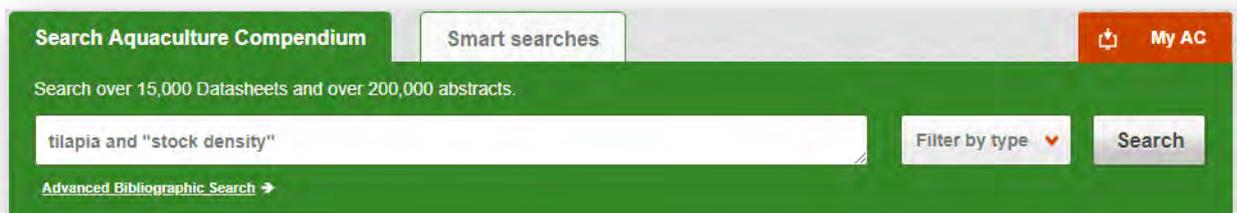
Simple site searches

AC 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 [search techniques reference table](#).

Conducting general site searches

A general site search conducts a search across all the various types of content and topics available in AC. 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.

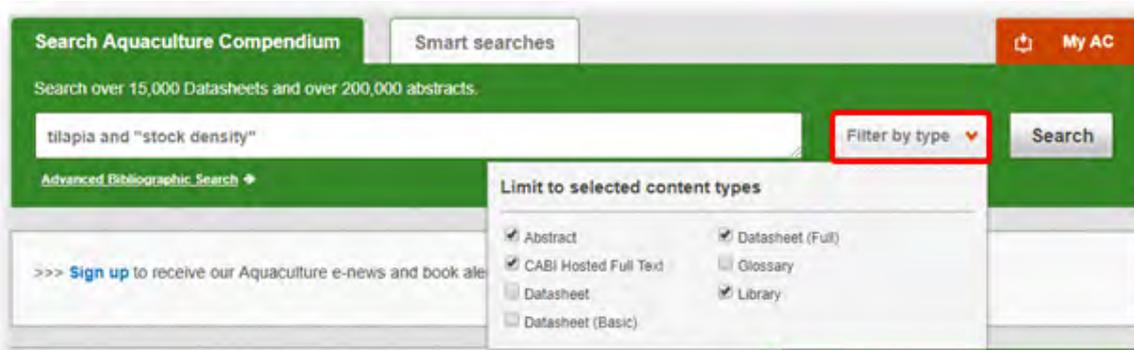
To conduct a general site search enter your search terms in to the search box located in the search bar of the home page and click the  button as shown below:



Conducting filtered site searches

A filtered site search can be used to limit a search to types of content hosted on the AC 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 indicates which categories have been selected. Below shows an example:



Once selected click the  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 **X** 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.

The screenshot shows the search results page for the query "tilapia and 'stock density'". The page features a search bar at the top with the query and a "Search" button. Below the search bar, it indicates "326 results found". A filter bar shows selected filters: "Type: Abstract", "Type: CABI Hosted Full Text", "Type: Datasheet (Full)", and "Type: Library". The main results area displays a list of results, with the first result titled "Nile tilapia strains under different stocking density in cage culture." The right sidebar contains a "Refine Results" panel with sections for "Sort Order", "Geographical Location", and "Item Type".

Annotations on the screenshot:

- Number of records:** Points to the "326 results found" text.
- Filter display:** Points to the filter bar with the "X" icons.
- Records display options:** Points to the "Results per page: 10" dropdown menu.

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.

The "Sort Order" panel shows the following options:

- Relevance
- Date (Recent First)
- Date (Oldest First)
- Alphabetical (A to Z)

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 full text article** button is displayed which gives access to the full text article.

Resource type → Abstract Full Text

Record title → Nile tilapia strains under different stocking density in cage culture.

Abstract intro → The aim of this study was to evaluate the performance of tilapia juvenile strains Thai and GIFT, submitted to different stocking densities in cages. This study has the duration of 6 months and it was conducted at the Experimental Campus of Moura in Federal University of the Jequitinhonha and Mucuri ...

Bibliographic information →

Author(s)	Pedreira, M. M.; Schorer, M.; Oliveira, I. F. de; Tessitore, A. J.
Publisher	Pontifícia Universidade Católica do Paraná, São José dos Pinhais, Brazil
Citation	Revista Acadêmica: Ciência Animal, 2016, 14, pp 37-45

Link to full text → View 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:

Refine Results

Sort Order

- Relevance
- Date (Recent First)
- Date (Oldest First)
- Alphabetical (A to Z)

Geographical Location

- Brazil (33)
- Bangladesh (28)
- Africa South of Sahara (27)
- Thailand (11)
- Egypt (9)
- MORE RESULTS...

Item Type

- Journal article (266)
- Conference paper (46)
- Miscellaneous (7)
- Book (3)
- Thesis (3)
- MORE RESULTS...

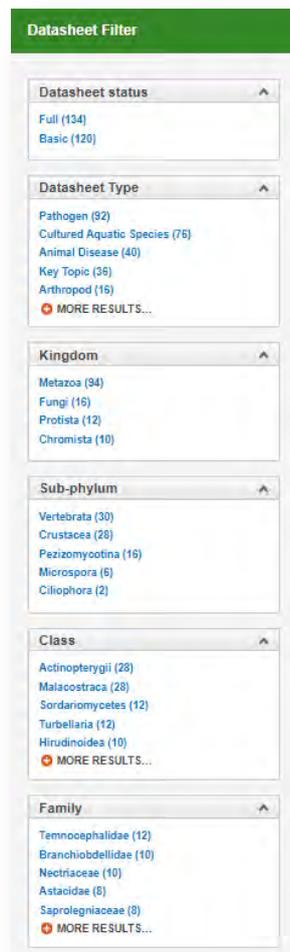
Geographical location:

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

Item type:

Filter results to only display particular material/content types

Datasheet faceting (only applicable to results containing datasheets):



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
- Sub-phylum
- 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.

Datasheet Type ▲

- [Case Study \(150\)](#)
- [Key Topic \(126\)](#)
- [Cultured Aquatic Species \(72\)](#)
- [Animal Disease \(66\)](#)
- [Pathogen \(52\)](#)
- [+ MORE RESULTS...](#)

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 [Cultured Aquatic Species \(72\)](#) datasheet 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.

The screenshot shows a search results page with a 'Databases' header and a search bar. A 'Databases Type' dropdown menu is open, showing options like 'Case Study (150)', 'Key Topic (126)', 'Cultured Aquatic Species (72)', 'Animal Disease (66)', and 'Pathogen (52)'. A red arrow points from the 'Cultured Aquatic Species (72)' option to the search results page. The search results page shows '72 results found' and a list of filters: 'Type: Abstract', 'Type: CABI Hosted Full Text', 'Type: Datasheet (Full)', 'Type: Library', and 'Datasheet Type: Cultured Aquatic Species'. The search results list includes 'Oreochromis mossambicus (Mozambique tilapia)'. The 'Refine Results' sidebar shows 'Sort Order' (Relevance, Date (Recent First), Date (Oldest First), Alphabetical (A to Z)) and 'Geographical Location' (China (50), Philippines (38), Taiwan (38), Thailand (38), Vietnam (38)). The 'Datasheet Filter' sidebar shows 'Datasheet Type' with a dropdown arrow.

Datasheets

Each compendia product contains different datasheet types. To see the datasheets hosted by AC and for further information on content covered visit [appendix B](#). 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.

The screenshot shows the datasheet for *Oreochromis mossambicus* (Mozambique tilapia). The page is divided into three main sections: Index, Summary, and a right-hand column with images and a world map. Red boxes and arrows highlight specific features:

- Index menu:** A vertical list of sections including Pictures, Identity, Taxonomic Tree, Overview, Description, Distribution, Summary of Invasiveness, Impact: Environmental, Impact: Summary, Introductions, Distribution Table, Behaviour, Reproduction, Diseases, Disorders and Natural Enemies, List of Diseases and Disorders, Pathogens Carried, Growout Management, Climate, Air Temperature, Seed Supply and Species Availability, Artificial Food Sources, Nutrition and Feeding, Production, Economic and Socioeconomic Aspects, Products, Marketing, References, Links to Websites, Related Case Studies, Contributors, and Distribution Maps.
- Distribution and cover image:** A photograph of a tilapia fish and a world map showing its distribution.
- Summary information:** Key details such as 'Last modified: 15 April 2015', 'Cultured Aquatic Species', 'Preferred Scientific Name: Oreochromis mossambicus', and 'Preferred Common Name: Mozambique tilapia'. It also includes an overview paragraph and a 'Related Case Studies' section.
- Generate report:** A button labeled 'Generate report' located at the bottom of the page, with a note: 'Don't need the entire report? Generate a print friendly version containing only the sections you need.'

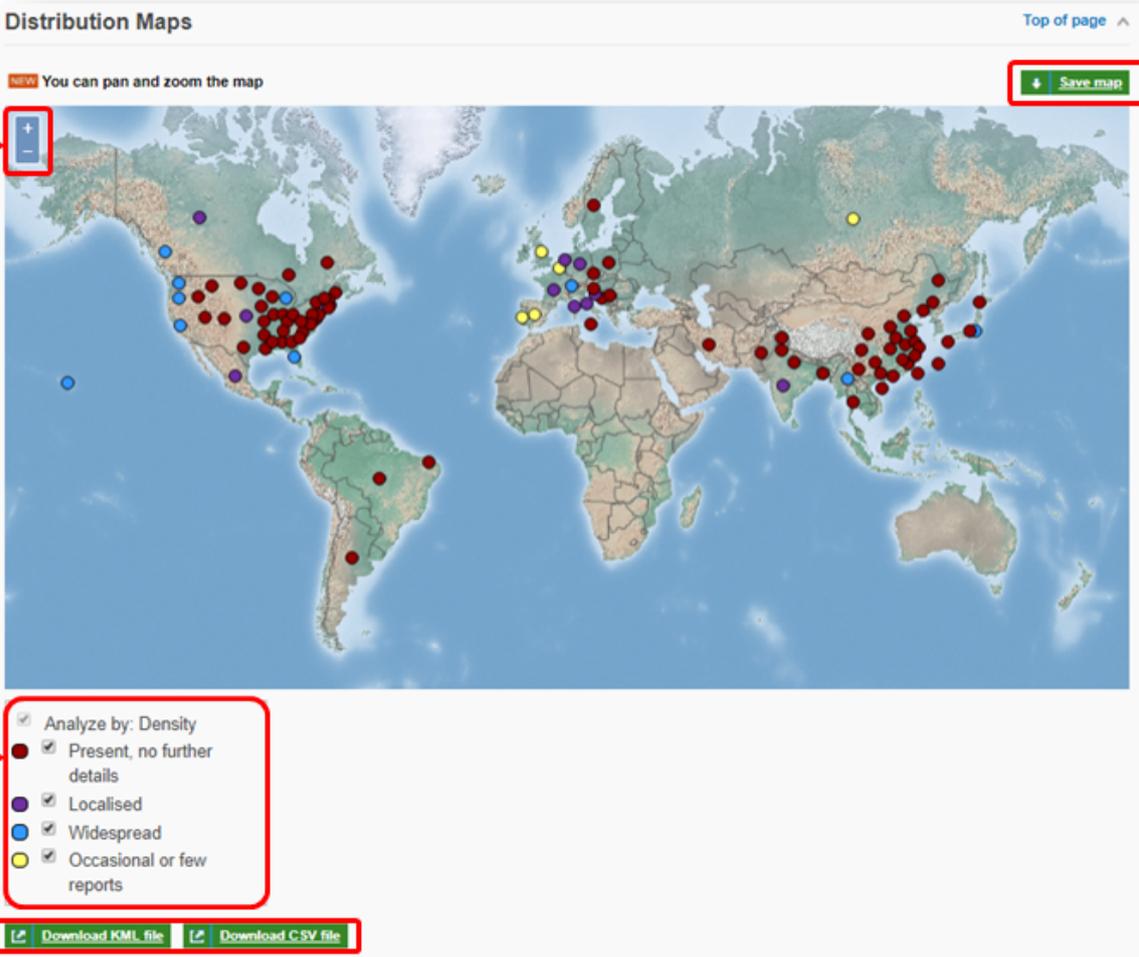
Lists and intuitive linking

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 *Oreochromis mossambicus* datasheet we can link out to a datasheets on *Aeromonas hydrophila*.

This screenshot illustrates intuitive linking. On the left, a 'Pathogens Carried' list from the *Oreochromis mossambicus* datasheet includes *Aeromonas hydrophila*. A red arrow points from this entry to the top of the *Aeromonas hydrophila* datasheet page. The *Aeromonas hydrophila* page shows its own Index, Summary, and distribution map, demonstrating how content is dynamically linked between related datasheets.

Zoomable distribution maps

The CPC features distribution maps that allows users to zoom in to specific regions for a more accurate and detailed picture of distribution. Clicking on the mini map underneath the cover image in the summary of the datasheet will take you to the larger, zoomable map. Click on the  icons in the top left hand corner of the map to zoom in and out. Clicking on each of the dots displays the citation for that particular report. You can also save the zoomed in image as an image file, and download the whole map to a KML file or CSV file.



The screenshot shows the 'Distribution Maps' interface. At the top left, there is a zoom control with a plus sign for zooming in and a minus sign for zooming out. At the top right, there is a 'Save map' button. Below the map is a key with several options: 'Analyze by: Density', 'Present, no further details', 'Localised', 'Widespread', and 'Occasional or few reports'. At the bottom, there are two buttons: 'Download KML file' and 'Download CSV file'. Red arrows point from text labels to these specific UI elements.

Zoom In / Zoom Out

Download map as image

Key

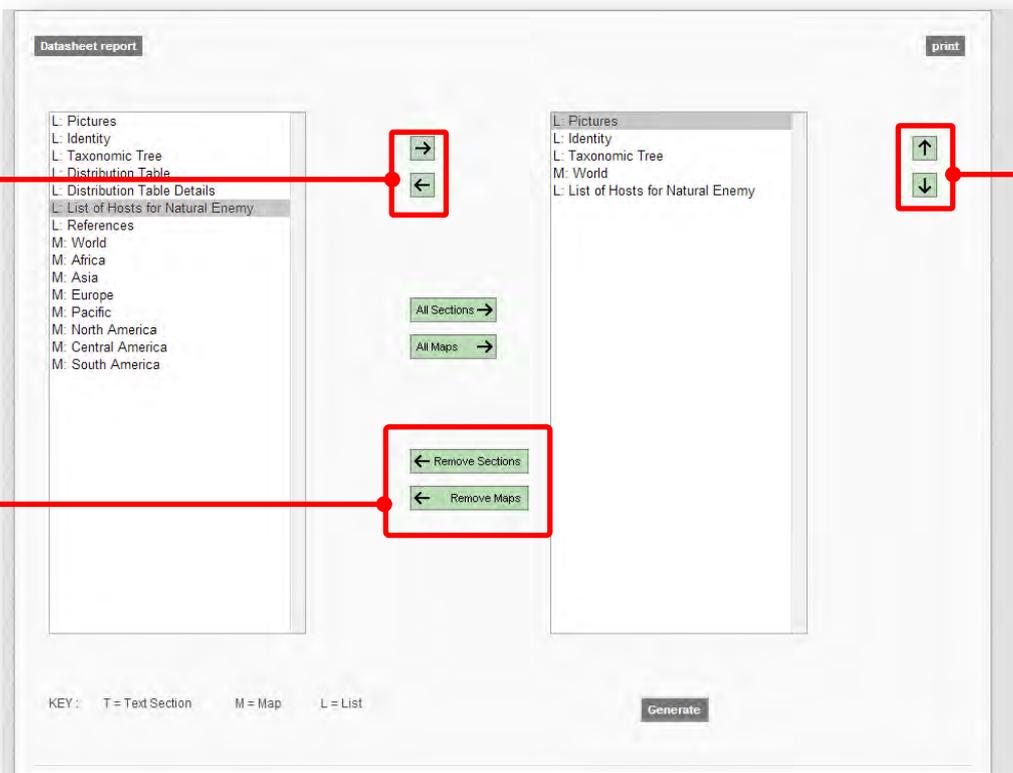
- Analyze by: Density
- Present, no further details
- Localised
- Widespread
- Occasional or few reports

Download to KML / CSV file

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  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.



The screenshot shows the 'Datasheet report' interface. On the left, a list of sections is shown with their types: L: Pictures, L: Identity, L: Taxonomic Tree, L: Distribution Table, L: Distribution Table Details, L: List of Hosts for Natural Enemy, L: References, M: World, M: Africa, M: Asia, M: Europe, M: Pacific, M: North America, M: Central America, M: South America. On the right, a list of selected sections is shown: L: Pictures, L: Identity, L: Taxonomic Tree, M: World, L: List of Hosts for Natural Enemy. Between the columns are buttons: 'All Sections →', 'All Maps →', '← Remove Sections', and '← Remove Maps'. At the bottom, there is a 'Generate' button and a key: 'KEY: T = Text Section M = Map L = List'. A 'print' button is in the top right corner. Red boxes and arrows highlight specific controls: a box around the right and left arrow buttons with the annotation 'Include/remove individual sections'; a box around the 'Remove Sections' and 'Remove Maps' buttons with the annotation 'Include/remove multiple sections'; and a box around the up and down arrow buttons with the annotation 'Change section order'.

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  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.

The image shows a bibliographic record page. On the left is the abstract, and on the right is the 'Abstract details' pane. Red boxes highlight the 'Abstract details' pane and the 'Metadata' section within it. Arrows point from the labels 'Bibliographic information' and 'Metadata' to these respective sections.

Abstract details

Foreign Title
Cultivo de duas linhagens de tilápia nilótica sob diferentes densidades de estocagem em tanques-rede.

Author(s)
[Pedreira, M. M.](#), [Schorer, M.](#),
[Oliveira, I. F. de](#), [Tessitore, A. J.](#)

Author Affiliation
Laboratório de Aquicultura e Ecologia Aquática, Universidade Federal dos Vales do Jequitinhonha e Mucuri (UFVJM), Diamantina, MG, Brazil.

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Journal article
Revista Acadêmica - Ciência Animal
2018; 14: 37-45

ISSN
1981-4173

Publisher information
Pontifícia Universidade Católica do Paraná São José dos Pinhais Brazil

Language of Text
Portuguese

Language of Summary
English

URL
<http://www2.uccor.br/revista/index.php>

Geographical Location
Brazil - Minas Gerais

Organism descriptor(s)
[Oreochromis niloticus](#)

Descriptor(s)
[aquaculture](#)
[aquatic animals](#)
[aquatic organisms](#)

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 [Pedreira, M. M.](#); This has performed a site search using the search string `au:"Pedreira, M. M."` which has returned all records this author has contributed to.

The image shows a search results page. A red box highlights the author name [Pedreira, M. M.](#) in the 'Abstract details' pane from the previous image. An arrow points from this box to the search input field on the current page, which contains the search string `au:"Pedreira, M. M."`. The search results show 24 results found, with the first result being 'Commercial feed and frozen Artemia nauplii for curimatã-pacu larvae in first feeding.'

Abstract details

Foreign Title
Cultivo de duas linhagens de tilápia nilótica sob diferentes densidades de estocagem em tanques-rede.

Author(s)
[Pedreira, M. M.](#), [Schorer, M.](#),
[Oliveira, I. F. de](#), [Tessitore, A. J.](#)

Search over 15,000 Datasheets and over 200,000 abstracts.

Search: Filter by type Search

Advanced Bibliographic Search

>>> Sign up to receive our Aquaculture e-news and book alerts <<<

24 results found

Search results

Mark: All / None

Abstract

Commercial feed and frozen *Artemia* nauplii for curimatã-pacu larvae in first feeding.

The objective of this work was to evaluate the supply of frozen *Artemia* nauplii, commercial

Refine Results

Sort Order

Relevance
Date (Recent First)
Date (Oldest First)
Alphabetical (A to Z)

Geographical Location

Brazil (5)
Minas Gerais (5)
Thailand (1)

Advanced Searching

Field searching

The search box for AC 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	cc
Conference	ct
Language	la
Publication type	it
Year	yr
Record number	pa
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	cp
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	ls
Language(s) of Text	la
Location of Publisher	lp
Main Abstract	ab
Organism Descriptors	od
Pan Number	pa
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: **de: parasite**

Multiple word search: **de: parasite and od: salmon**

Searching with parentheses: **(de: parasite or de: "fish diseases") and salmon**

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:	The Organism Descriptor field is used for animal and plant names	od: "tilapia"
Geographic Location	gl:	Geographic Location field is used for country and other geographic names	gl: egypt
Descriptor	de:	The Descriptor field is used for all the "other" terms that are neither animal, plant nor geographic	de: nutrition
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: "North Africa"
Identifier	id:	This field is used for non-preferred index terms	id: "fishery production"

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. AC 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: Otolith
Author	author:	Personal author Author variant Additional author Document editor Corporate author	author:Tzeng

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 Identifier	subject: growth stimulants

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 ABSTRACTS 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](#).

MM000 Aquatic Sciences (General)

MM110 Fisheries

MM120 Aquaculture (Animals)

MM130 Aquaculture (Plants)

MM300 Aquatic Biology and Ecology

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:MM110
cabicode:	Allows users to search both the alphanumerical assigned code index as above and the CABI code title index	cabicode:MM110 or cabicode:Fisheries

Content pages

Content pages enable you to focus searching on specific content types across the AC platform. The content page can be selected from the horizontal menu bar shown in the screen shot below. These 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.

Content page menu

Refine results pane

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.

Content filter automatically selected

MyAC

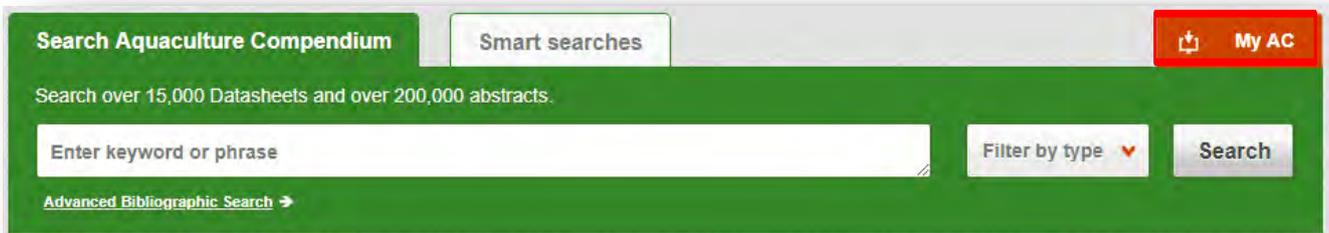
The MyAC feature improves search functionality for users allowing users to:

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

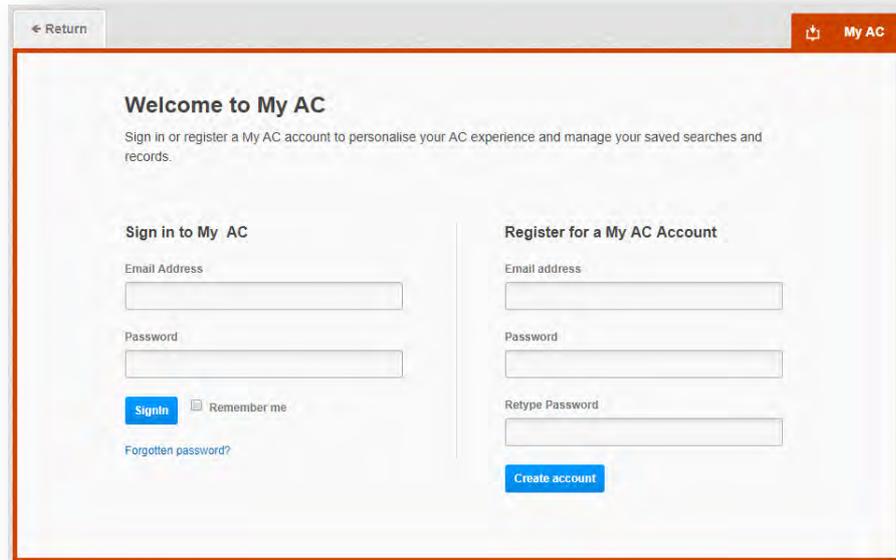
To gain the full functionality of MyAC and for the system to record and recall your searching activity you must be signed in. It is therefore recommended that you sign-in to MyAC at the beginning of all your search sessions on AC.

Creating a MyAC account

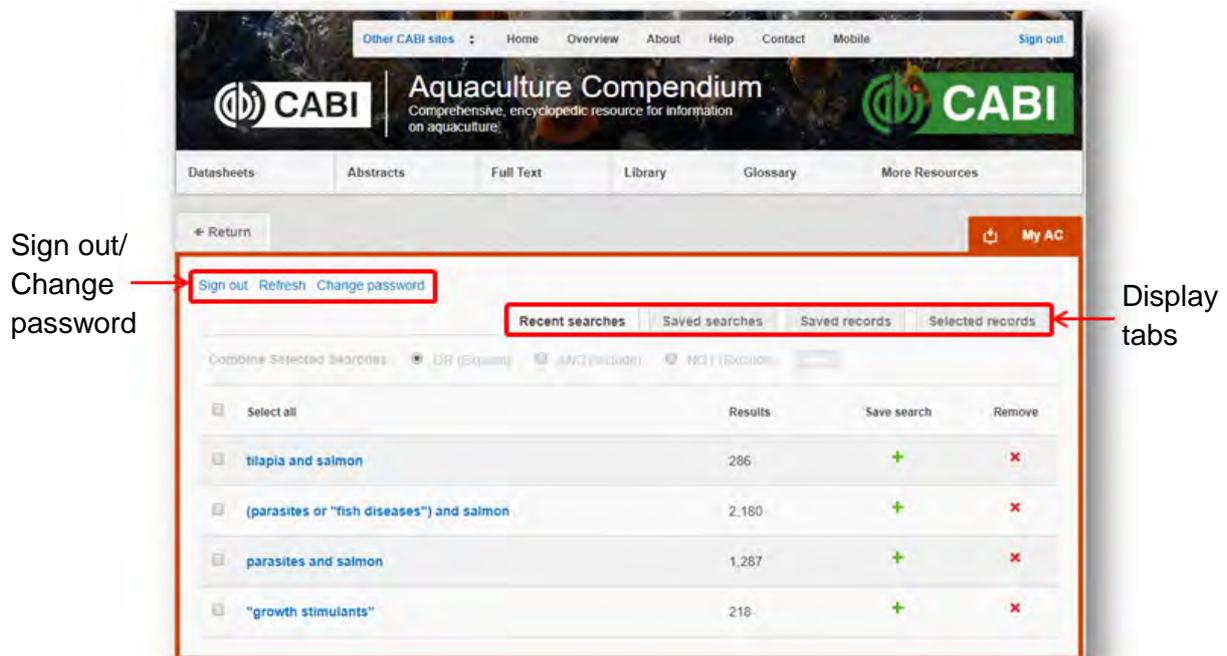
Before you can access the features of MyAC you first need to create an account. Click on  button in the top-right hand corner of the search box as shown below:



This will direct you to a list of your recent searches. Click on the [Sign in or register](#) link to be taken 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 MyAC 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 **X**



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 and the AND Boolean operator has been chosen from the combined search options.

Combining options

Selected searches

Select all	Results	Save search	Remove	
<input type="checkbox"/>	tilapia and salmon	286	+	-
<input type="checkbox"/>	(parasites or "fish diseases") and salmon	2,180	+	-
<input checked="" type="checkbox"/>	parasites and salmon	1,287	+	-
<input checked="" type="checkbox"/>	"growth stimulants"	218	+	-

Once your options have been selected perform the search by clicking the **Search** 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 OR operator we have expanded the results but alternatively by using this feature with the AND or NOT operator the we can also limit results.

Search Aquaculture Compendium Smart searches My AC

Search over 15,000 Datasheets and over 200,000 abstracts.

(parasites and salmon) OR ("growth stimulants") Filter by type Search

Advanced Bibliographic Search

>>> Sign up to receive our Aquaculture e-news and book alerts <<<

1,505 results found

Refine Results

Sort Order

- Relevance
- Date (Recent First)
- Date (Oldest First)
- Alphabetical (A to Z)

Geographical Location

- Nordic Countries (191)
- Norway (178)
- Canada (164)
- UK (156)
- USA (109)
- MORE RESULTS...

Item Type

- Journal article (1,304)
- Datasheet (105)
- Conference paper (93)
- Book chapter (30)
- Book (14)
- MORE RESULTS...

Search results Results

Mark: All / None

Abstract

Enhanced transcriptomic responses in the Pacific salmon louse *Lepeophtheirus salmonis oncorhynchi* to the non-native Atlantic Salmon *Salmo salar* suggests increased parasite fitness.

Background: Outcomes of infections with the salmon louse *Lepeophtheirus salmonis* vary considerably among its natural hosts (*Salmo, Oncorhynchus* spp.). Host-parasite interactions range from weak to strong host responses accompanied by high to low parasite abundances, respectively. Parasite...

Author(s) Braden, L. M.; Sutherland, B. J. G.; Koop, B. F.; Jones, S. R. M.
 Publisher BioMed Central Ltd, London, UK
 Citation BMC Genomics, 2017, 18, 110, pp (30 January 2017)

Save to My AC

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 MyAC. To save a search visit the recent search tab from the MyAC page and click on the save search button 

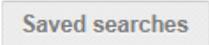
Return My AC

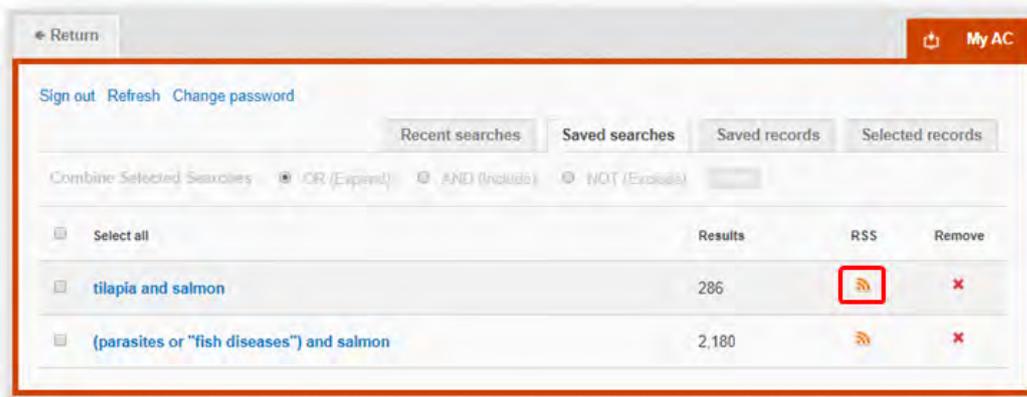
Sign out Refresh Change password

Recent searches Saved searches Saved records Selected records

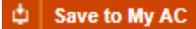
Combine Selected Searches OR (Expand) AND (Include) NOT (Exclude)

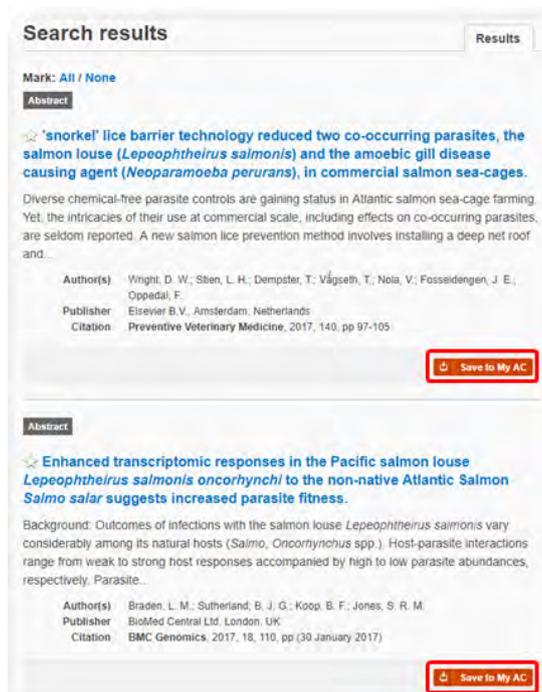
Select all	Results	Save search	Remove
<input type="checkbox"/> (parasites and salmon) OR ("growth stimulants")	1,505		
<input type="checkbox"/> tilapia and salmon	286		
<input type="checkbox"/> (parasites or "fish diseases") and salmon	2,180		
<input type="checkbox"/> parasites and salmon	1,287		
<input type="checkbox"/> "growth stimulants"	218		

To view your saved searches click on the saved searches tab . 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 AC 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 



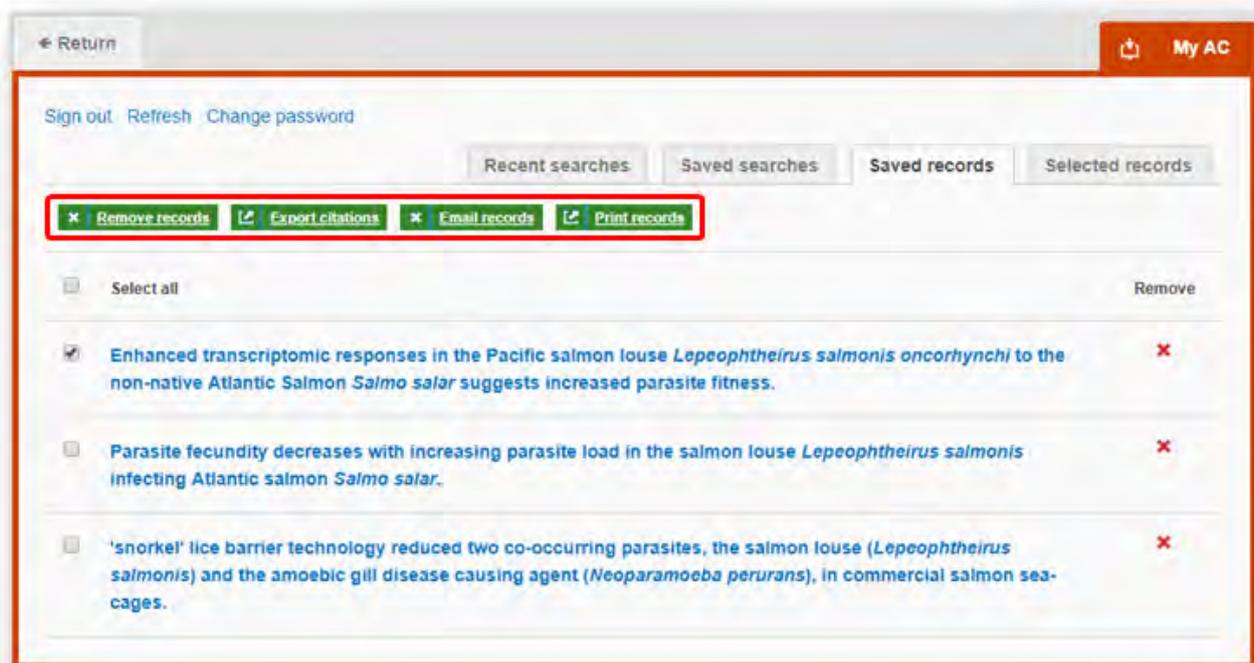
Saving and exporting records

The MyAC 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 MyAC tool before conducting searches. When signed in and a search has been conducted each record in the displayed results will have  a button associated to it. 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 **✖** button. To delete multiple records check the boxes next 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	microsporidiosis	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	microsporidiosis and crustacea	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	crustacea and "fish diseases"	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	crustacea and ("fish diseases" or parasites)	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	crustacea* and "fish diseases"	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
Animal Diseases:	Datasheet providing information covering approximately 300 infectious diseases. Includes lists for pathogens and other factors affecting the health of pigs, poultry and ruminants.	<ul style="list-style-type: none"> • Distribution data & map • Signs & Pathology • Management • Epidemiology & Impact
Pathogen:	Datasheets for different pathogens that cause animal diseases.	<ul style="list-style-type: none"> • Identify • Biology
Arthropod	Datasheets for further information on known arthropods that cause diseases in animals	<ul style="list-style-type: none"> • Identity • Signs & Pathology
Vector of Animal disease	Datasheet on the vectors that are known to introduce a disease.	<ul style="list-style-type: none"> • Identity • Distribution
Cultured Aquatic Species:	Datasheets providing detailed information on the biology & taxonomy of aquatic species as well as information on husbandry, production and health	<ul style="list-style-type: none"> • Identity • Distribution data & map • Biology • Management & Welfare
Case study	Datasheets helping link theory and practice in aquaculture and aquatic resource management across extension, research and industry.	<ul style="list-style-type: none"> • Case study • External links
Growout system	Datasheets providing information on growout production systems	<ul style="list-style-type: none"> • Overview • Management & Design • Economics & Impact
Ecosystems	Datasheets providing detailed information on ecosystems and the relation to aquaculture management	<ul style="list-style-type: none"> • Overview • Ecosystem & Aquaculture
Key Topic	Datasheets providing information on key topics involved in aquaculture e.g. government policies, production techniques	<ul style="list-style-type: none"> • Identity • Food Quality • Food Safety
Country:	Datasheets covering over 490 countries and geographic regions.	<ul style="list-style-type: none"> • List of Animal Diseases