



Welcome to GlobalWeb

An online collection of food webs

What is a Food Web?

Some key recent reviews

 Thompson et al. (2012) Tree	 Dunne. (2006)	 Thompson et al. (2012) Fresh Biol
 Ings et al. (2019) Jee	 Berlow et al (2004) Jee	 Williams & Martinez (2000) Nature

Click here to search Food Web database

Biome	<input type="text" value="Freshwater"/>
Environment	<input type="text" value="Stream"/>
No. of taxa	<input type="text" value="Any"/>
No. of links	<input type="text" value=">500"/>
Continent	<input type="text" value="Europe"/>
Dominant taxa	<input type="text" value="Invertebrates"/>
Includes parasites	<input type="text" value="No"/>
Year of collection	<input type="text" value="Any"/>
Taxonomic resolution	<input type="text" value="Low"/>
<input type="button" value="Download"/>	

Welcome to GlobalWeb, a non-profit database containing an online collection of published food webs made freely available to the scientific community. It is hosted by the University of Canberra, Canberra, Australia. GlobalWeb is intended as a tool to assist food web researchers particularly interested in direct trophic interactions between taxa. The database has been built for ease of use, however below is some information to help guide you through the interface.

The GlobalWeb database (<http://globalwebdb.com>) has been optimised to operate with Internet Explorer 8.0 or higher or current versions of Chrome, Firefox, Safari.

The database contains a collection of more than 360 food web matrices (Excel data files), and more than 120 reference papers (PDF files). Food web files have been tagged with key words that describe the characteristics of the interaction, such as the type of food web (e.g. marine/freshwater/terrestrial), habitat (e.g. lake/river/estuary), location, size, resolution of the web, etc. Key terms can be selected from the drop down menus on the GlobalWeb interface, and all files with the corresponding combination of key terms can then be extracted from the database. All extracted files will be downloaded to a compressed (zipped) folder. To obtain a download of all food web files, select "All" from the Biome menu, and the entire collection will download.

Food web (excel) files:

The first row in every food web matrix file contains the citation for the publication in which the food web was published. The second row and first column contain the species/taxa names lists. An entry of 1 or any other positive number in the matrix indicates a trophic link between the organism in that column with the organism in the corresponding row. In most cases the species row consumes the species column. An entry of 0 indicates the absence of a trophic interaction.

The accuracy and form of the food web matrices given here represents our best effort at the time of publication. Users are requested to inform us of errors.

Users of the database agree to the following Terms and Conditions.

The University of Canberra has compiled the database in good faith and has endeavoured to offer an overall good quality product and a reliable service. However, such content may contain unintentional errors and the site is made available to you "AS IS" without any warranty or representation in relation to the quality, operability or availability of the site. As the database may not be completely free of errors, you are advised to verify your work. Neither the University of Canberra nor its partners who have been involved in the creation, production or delivery of the database shall be liable for any direct, indirect, special, incidental, or consequential damages arising out of the use of, or the inability to use, the database or documentation, even if advised of the possibility of such damages.

While every reasonable effort has been made to assure that the food webs we provide you represent the results of the original publication, supplemented in some cases by additional biological information, we make no guarantee of the accuracy of the original publication or of the accuracy of the edited food web we are providing you.

The University of Canberra does not guarantee that the database will be usefully accessible in every hardware/software environment.

The hyperlinks displayed on the GlobalWeb interface are provided for convenient reference only. If you choose to follow any hyperlink you will be leaving the site. The University of Canberra does not control or endorse the content of any other website and accordingly takes no responsibility for such content and will not be liable for the use of any hyperlinks.

Except as specifically provided above, the University of Canberra makes no warranty or representation, either express or implied, with respect to this database or its documentation, including their quality, merchantability, performance or fitness for a particular purpose.

Some notes to consider:

- All food webs should be inspected for data orientation (ie. Direction of consumer-consumed interaction).
- Where reference material is unavailable, the “Year of collection” has been tagged as the decade in which the information was published.
- If the sampling period spanned across two decades, the later decade was noted as the “Year of collection”.
- The “Number of taxa” are taken as the number of units/nodes in the food web list. One node may represent a group of similar taxa.
- The “Number of links” are a count of the data in the matrix, therefore it does not account for the negatives in the matrix.
- ‘Unknown’ in the “Includes parasites” dropdown menu has been assigned to food webs where no reference material is available.
- Food web no. 90 has been omitted due to an error in the original database source.

Adding data to GlobalWeb:

- If you wish to have your own published food web data added to the GlobalWeb database, please send your request and an abstract or your publication to either of the following site administrators:

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