



Metadata

Plant macrofossils (UK)

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General information

name of the database:

full name of the database: *Plant macrofossils (UK)*

type of database ([more information](#)): *others*

short description of the database/summary:

This database holds data collected by the Environmental Change Research Centre (ECRC) at UCL relating to plant macrofossil data from cores from the UK. Currently access is restricted to ECRC staff and researchers only.

science keywords according to [GCMD](#):

topic: *Biosphere, Terrestrial Hydrosphere*

keywords: *Plant macrofossils, cores*

ISO topic category according to [ISO 19115](#):

Biota, Environment, Inland Waters

Technical and administrative specifications

data format: *Access*
operating system: *Win XP*
current availability: *internal*
currently available through [GBIF](#): *no*
exchange planned: *no*
update level: *others/specify*
others/details: *Updated as new data are generated*

documentation:

Do you plan to publish the data on the BioFresh data portal:

contact details:

metadata contact person:

first, last name: *Thomas Thomas*
email: *thomas.davidson@ucl.ac.uk*

technical contact person:

first, last name: *Thomas Davidson*
email: *thomas.davidson@ucl.ac.uk*

scientific contact person:

first, last name: *Thomas Davidson*
email: *thomas.davidson@ucl.ac.uk*

comments:

*[Metadata were harvested from the WISER metadatabase
<http://www.wiser.eu/results/meta-database/details.php?id1=58&id2=46>) by
the BioFresh team.]*

Intellectual property rights and citation

(if the database is already published):

database creator (data compiler):

data contributors to/owners of this database:

single

criteria for using the data in a publication/scientific analysis:

Other/Additional criteria

Other/Additional criteria:

Data provider must give consent to any publication.

citation of this database:

title:

*<http://www.wiser.eu> - Water Bodies in Europe: Integrative Systems to assess Ecological status and Recovery (Version **).*

year:

year of access

version (if applicable):

version number from website

citation of the metadata:

General data specifications

regional coverage of the database:

scale of the database: *continental*
continents: *Europe*

spatial extend (bounding coordinates):

southernmost latitude [°]: *49.927648*
northernmost latitude [°]: *60.845898*
westernmost longitude [°]: *-10.724609*
easternmost longitude [°]: *1.654297*
minimum altitude: *-3 meters*
maximum altitude: *1343 meters*
countries: *Europe: Ireland, United Kingdom*

Site specifications

coordinate system/grid data:

datum (e.g. WGS84): *WGS84*

site coding:

site coding available: *yes*
alphanumerical

number of digits: *4*

example: *FELB*

number of sites:

<100

exact number of sites: *52*

comments:

The database does not contain information on geology but most of the sites are calcareous.

Climate and environmental data

climate related data:

environmental data:

physico-chemistry data: *no data available*

comments: *There is no chemistry data in the database*

comments: *The macrofossil data base contains data on shifts in plants macrofossil assemblages in sediment cores. Eutrophication is the main driver of change in these cores but explicit information in the change in stressors over time is not held in the database.*

Biological data

biological data origin:

organism group addressed:

macroalgae, macrophytes, angiosperms

comments:

The samples in the database consist of macrofossil analysis from 723 sediment samples. These may contain a number of species in each sample.

Sample specifications/sample resolution

macroalgae:

sample information:

taxonomic resolution: *genus, species*

percentage of species level data: 70

taxonomic coding:

sample specifications: *quantitative (abundance data)*

specification of method(s) used for sampling and sorting:

absolute abundance per 100 cubic cm of sediment

macrophytes:

sample information:

taxonomic resolution: *genus, species*

percentage of species level data: 70

taxonomic coding:

sample specifications: *quantitative (abundance data)*

specification of method(s) used for sampling and sorting:

absolute abundance per 100 cubic cm of sediment

angiosperms:

sample information:

taxonomic resolution: *genus, species*

percentage of species level data: 70

taxonomic coding:

sample specifications: *quantitative (abundance data)*

specification of method(s) used for sampling and sorting:

absolute abundance per 100 cubic cm of sediment

Other specifications

availability of photos: *no*
availability of maps: *no*
quality control procedures: