



Metadata

Environment Agency freshwater invertebrate single species families

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General information

name of the dataset:

full name of the dataset: *Environment Agency freshwater invertebrate single species families*

type of dataset ([more information](#)): *species distribution data*

data type: *point data/observation data, shape files*

short description of the dataset/summary:

The data come from the freshwater invertebrate component of the Environment Agency's national ecology database (BIOSYS) and relate to the aquatic stages of the invertebrates. Most data have been collected from main rivers as part of an extensive routine monitoring network. The data are restricted to a selection of families which contain one species only.

science keywords according to [GCMD](#):

topic: *Biosphere*

keywords: *Freshwater Invertebrates, BIOSYS, water quality, England, Wales*

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

Biota, Inland Waters

Technical and administrative specifications

data language: *English*
web address (URL): *http://data.gbif.org/datasets/resource/1884*
others/details: *www.environment-agency.gov.uk/*
currently available through [GBIF](#): *yes*
exchange planned:
comments: *see also:*
http://data.nbn.org.uk/datasetInfo/taxonDataset.jsp?refID=0&dsKey=GA000378

documentation:

Do you plan to publish the data on the Freshwater Biodiversity data portal:

contact details:

metadata contact person:

first, last name: *Alice Hiley*
email: *meadow13@gotadsl.co.uk*
institution: *Environment Agency*
address: *National Customer Contact Centre*
postal code, city: *S60 1BY Rotherham, PO Box 544*
country: *UK*
web address: *www.environment-agency.gov.uk*

technical contact person:

first, last name: *Paul Gilbertson*
email: *paulbe@ceh.ac.uk*

scientific contact person:

first, last name: *Marina Flamank*
email: *marina.flamank@environment-agency.gov.uk*

comments:

[This entry is currently filled by the BioFresh team by visiting the site and needs to be validated by one of the data holders.]

Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):

contact name: *Environment Agency*

contact email: *www.environment-agency.gov.uk*

data contributors to/owners of this dataset:

single

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

The dataset is publicly available (data portal, data archive) and can be used without restrictions, but must be acknowledged and cited correctly.

citation of this dataset:

title:

UK National Biodiversity Network: Environment Agency - Environment Agency freshwater invertebrate species (single species families) (accessed through GBIF data portal, <http://data.gbif.org/datasets/resource/1884>, 2013-03-13)

citation of the metadata:

General data specifications

regional coverage of the dataset:

scale of the dataset:	<i>national</i>
continents:	<i>Europe</i>
countries:	<i>Europe: United Kingdom</i>
comments:	<i>England and Wales.</i>

Site specifications

coordinate system/grid data:

number of sites: >1000

exact number of sites: 10280

Biological data

biological data origin: *from sampling*
specify project: *Routine and ad-hoc freshwater invertebrate samples taken by the Environment Agency*

organism group addressed: *macro-invertebrates (Mollusca, Odonata)*

Sample resolution

macro-invertebrates:

taxonomic resolution:

species

comments:

The data are restricted to a selection of families which contain one species only.

taxonomic coding:

Other specifications

GIS layers, shapes related to the dataset:

species distribution

availability of photos:

no

availability of maps:

yes

quality control procedures:

Were any quality control procedures applied to your dataset?

yes

quality control protocols and comments:

Validation on this data set is restricted to the correction of obvious spatial errors. The identification of these species has been subject to formal quality control since 1990 and should therefore be of a high standard. Due to the nature of the species in this data set (single species families), it is likely that most records, including those earlier than 1990 are of a good quality.