



## Metadata

# EPA: Freshwater Biological Traits Database

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Exported from the Freshwater Biodiversity Data Portal, <http://data.freshwaterbiodiversity.eu>  
Visit the Freshwater Metadatabase, [http://data.freshwaterbiodiversity.eu/metadb/about\\_metadata](http://data.freshwaterbiodiversity.eu/metadb/about_metadata)

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### General information

**name of the dataset:**

full name of the dataset: *EPA: Freshwater Biological Traits Database*

**type of dataset ([more information](#)):** *biological or ecological traits/information database*

data type: *point data/observation data*

short description of the dataset/summary:

*The Freshwater Biological Traits Database currently contains traits data for 3,857 North American macroinvertebrate taxa, and includes habitat, life history, mobility, morphology and ecological trait data.*

**science keywords according to [GCMD](#):**

topic: *Biological Classification, Terrestrial Hydrosphere*

keywords: *Climate change effects; river and stream ecosystems; ecological traits; macro-invertebrates;*

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

*Biota, Environment, Inland Waters*

## Technical and administrative specifications

**data format:** *Excel*  
**operating system:** *all Windows systems*  
**data language:** *English*  
**current access level:** *web (public)*  
web address (URL): *http://cfpub.epa.gov/ncea/global/traits/search.cfm*  
currently available through [GBIF](#): *no*  
exchange planned:

**update level:** *continuously updated*

### documentation:

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

media for data delivery: *online internet (HTTP)*  
web address: *http://cfpub.epa.gov/ncea/global/traits*

### contact details:

metadata contact person:  
first, last name: *Britta Bierwagen*  
phone: *001-703-347-8613*  
email: *bierwagen.britta@epa.gov*  
institution: *USEPA Headquarters*  
address: *Ariel Rios Building, 1200 Pennsylvania Avenue, N. W.*  
postal code, city: *8601P Washington, DC 20460*  
country: *USA*  
web address: *http://www.epa.gov/*

technical contact person:

scientific contact person:

**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: *US EPA*

**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: *U.S. EPA. Freshwater Biological Traits Database (Final Report). U.S. Environmental Protection Agency, Washington, DC, EPA/600/R-11/038F, 2012.*

year: *2012*

**citation of the metadata:**

**comments:** *The traits data were gathered from multiple sources.*

## General data specifications

### regional coverage of the dataset:

scale of the dataset: *national*

continents: *North America*

available distribution data: *country distribution*

## Biological data

**biological data origin:**

specify project:

*from sampling*

*project on climate change effects on river and stream ecosystems that was conducted by the Global Change Research Program in the National Center for Environmental Assessment in the U.S. EPA Office of Research and Development*

organism group addressed:

*macro-invertebrates*

## Species related information

macro-invertebrates:

**taxonomic resolution:** *species*

**taxonomic coding:**

**availability of specific ecological/biological information:**

*origin (native/introduced), biogeographical data, temperature preferences,  
hydrologic preferences, habitat preferences*

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## Other specifications

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