



# Metadata

## Freshwater fishes Italy

SUPPORTED BY



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)

---

### General information

#### name of the dataset:

full name of the dataset: *Freshwater fishes Italy*

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

data type: *point data/observation data*

short description of the dataset/summary:

*The database reflects the widely distributed data for Italian freshwater fish occurrences collected in the last 20 years. These data are actually hidden in fisheries plans and studies of the Italian provinces, regions, parks, and some other local administration databases and ?grey literature?. These databases and literature resources are collected together, and the records are georeferenced and organized into one database (using Artedian [http://artedi.nrm.se/fishbase\\_se/software/artedian/](http://artedi.nrm.se/fishbase_se/software/artedian/)).*

science keywords according to [GCMD](#):

topic: *Biosphere*

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

*Biota, Environment, Inland Waters, Location*

## Technical and administrative specifications

**data format:** *Excel*  
**operating system:** *all Windows systems*  
**data language:** *English*  
**current access level:** *web (public)*  
web address (URL): *http://data.freshwaterbiodiversity.eu/ipt/resource.do?r=bf\_cf22*  
currently available through [GBIF](#): *yes*  
exchange planned: *yes*  
comments: *The original data format is Excel, but all data are available through the BioFresh data portal.*

**update level:** *completed*

**documentation:**  
type: *internal description*  
language: *English*

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

media for data delivery: *e-mail*

### contact details:

metadata contact person:

first last name: ~~BioFresh Data~~ *BioFresh Data @naturalsciences.be, anne.hartmann@boku.ac.at*  
institution: *GRAIA Srl*  
address: *Via Repubblica 1*  
postal code, city: *21020 Varano Borghi (VA)*  
country: *ITALY*  
web address: *www.graia.eu*

technical contact person:

first last name: ~~BioFresh Data~~ *BioFresh Data @naturalsciences.be, anne.hartmann@boku.ac.at*

scientific contact person:

first, last name: *Cesare Puzzi*  
phone: *0039 0332 961097*  
email: *cesare.puzzi@graia.eu / alessandra.ippoliti@graia.eu*

**comments:** *Data were processed and integrated into the BioFresh data portal by the BioFresh data team.*

## Intellectual property rights and citation

~~dataset publisher~~ is already published *BioFresh*

### dataset creator (data compiler):

contact name: *BioFresh Consortium*  
contact email: *freyhof@igb-berlin.de*

### 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.*

other/additional criteria:

*For any commercial use, potential users should get in touch with the original data creator/owner.*

### citation of this dataset:

author(s): *BioFresh (data publisher), Cesare Puzzi, Alessandra Ippoliti (data provider)*  
title: *Distribution data of Italian freshwater fish mobilised through BioFresh. Published on <http://data.freshwaterbiodiversity.eu>, accessed on [date].*  
year: *2015*  
doi (if applicable): *<http://dx.doi.org/10.13148/bfcf22>*

### citation of the metadata:

doi (if applicable): *<http://dx.doi.org/10.13148/bfcf22>*

## **General data specifications**

### **regional coverage of the dataset:**

scale of the dataset: *national*  
continents: *Europe*

### **spatial extend (bounding coordinates):**

southernmost latitude [°]: *47.060141*  
northernmost latitude [°]: *36.581875*  
westernmost longitude [°]: *6.633795*  
easternmost longitude [°]: *18.573250*  
minimum altitude: *-3,44 metres*  
maximum altitude: *4807,5 metres*  
countries: *Europe: Italy*

## Site specifications

**coordinate system/grid data:** *latitude/longitude, format: DD*

**number of sites:** *>1000*

exact number of sites: *52545*

## **Biological data**

### **biological data origin:**

specify method:

*general compilation*

*Data from fisheries plans and studies of the Italian provinces, regions, parks, some other local administration databases, ?grey literature?*

organism group addressed:

*fish*

## Sample resolution

### fish:

**taxonomic resolution:** *order, species*

percentage of species level data: *100*

comments: *Use of species names by country was verified by Jörg Freyhof. If modified, the original/verbatim name is stored in the field "previousIdentifications".*

---

### **taxonomic coding:**

## Other specifications

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:

*The quality control is performed by the BioFresh Consortium.*