General information

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/).

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)
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 team
    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 team

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: BioFresh

dataset creator (data compiler): BioFresh Consortium
contact name: 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: 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
Dataset: Freshwater fishes 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:**

<table>
<thead>
<tr>
<th>method</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>general compilation</td>
<td>Data from fisheries plans and studies of the Italian provinces, regions, parks, some other local administration databases, grey literature?</td>
</tr>
</tbody>
</table>

**organism group addressed:**

fish
Dataset: **Freshwater fishes Italy**

## Sample resolution

**fish:**

<table>
<thead>
<tr>
<th><strong>taxonomic resolution:</strong></th>
<th>order, species</th>
</tr>
</thead>
<tbody>
<tr>
<td>percentage of species level data:</td>
<td>100</td>
</tr>
<tr>
<td>comments:</td>
<td>Use of species names by country was verified by Jörg Freyhof. If modified, the original/verbatim name is stored in the field &quot;previousIdentifications&quot;.</td>
</tr>
</tbody>
</table>

**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.