



Metadata

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Fish-SPRICH: a database of freshwater fish species richness throughout the World

Exported from the BioFresh data portal, <http://data.freshwaterbiodiversity.eu>
Visit the BioFresh metadatabase query tool, <http://data.freshwaterbiodiversity.eu/metaDB/metaDBQry>
Visit the BioFresh metadatabase full text search, <http://data.freshwaterbiodiversity.eu/metaDB/metaDBfts>

General information

database entry ID: *BF8*

name of the database:

full name of the database: *Fish-SPRICH: a database of freshwater fish species richness throughout the World*

database short name: *SPRICH*

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

data type: *shape files, descriptive data*

short description of the database/summary:
Global freshwater fish richness at the drainage basin scale related to native, endemic and introduced species richness.

science keywords according to [GCMD](#):

topic: *Biological Classification*

keywords: *freshwater; fish; species richness; global scale; rivers; basin scale*

ISO topic category according to [ISO 19115](#):
Environment, Inland Waters

Technical and administrative specifications

data format: *Excel*
operating system: *Win XP*
data language: *English*
current access level: *restricted access*
update level: *continuously updated*
Do you plan to update the database during BioFresh (before 4/2014)?
yes

documentation:

delivery of the database for the BioFresh data portal:

media: *e-mail*
format: *MS Excel 97-2003*

contact details:

meta data contact:

first, last name: *Thierry Oberdorff*
email: *oberdorf@mnhn.fr*

technical contact person:

first, last name: *Pablo Tedesco*
email: *pablo.tedesco@mnhn.fr*

scientific contact person:

first, last name: *Thierry Oberdorff*
email: *oberdorf@mnhn.fr*

institution:

name: *Institut de Recherche pour le Développement - UMR BOREA*
address: *43, rue Cuvier*
postal code, city: *75005 Paris*
country: *France*

Intellectual property rights and citation

database owner: *BioFresh project partner*

contact details: *oberdorf@mnhn.fr; brosse@cict.fr*

citation:

author(s): *Brosse, S., Beauchard, O., Blanchet, S., Dürr, H.H., Grenouillet, G., Hugueny, B., Lauzeral, C., Leprieur, F., Tedesco, P.A., Villéger, S. & Oberdorff, T.*

reference title: *Fish-SPRICH: a database of freshwater fish species richness throughout the World. Hydrobiologia, doi:10.1007/s10750-012-1242-6*
<<http://dx.doi.org/10.1007/s10750-012-1242-6>>

year: *2013*

database related references: *See ESM1*

data provider(s) to this database: *multiple*

number: *2*

provider 1:

provider institute: *UPS*

contact name: *Sebastien Brosse*

contact email: *brosse@cict.fr*

database availability for: *BioFresh scientific purposes, BioFresh data portal (public)*

criteria for using the data in a publication/scientific analysis:
Data can be used without restrictions, but must be publicly acknowledged and cited correctly.

provider 2:

provider institute: *IRD*

contact name: *Thierry Oberdorff*

contact email: *oberdorf@mnhn.fr*

database availability for: *BioFresh scientific purposes, BioFresh data portal (public)*

criteria for using the data in a publication/scientific analysis:
Data can be used without restrictions, but must be publicly acknowledged and cited correctly.

comments: *Data must be cited as follows: Brosse S., Beauchard O., Blanchet S., Dürr H.H., Grenouillet G., Hugueny B., Lauzeral C., Leprieur F., Tedesco P. A., Villeger S. & Oberdorff T. 2013. Fish-SPRICH: a database of freshwater fish species richness throughout the World. Hydrobiologia 700:343-349.*

General data specifications

regional coverage of the database:

scale of the database: *global*

continents: *Africa, North America, South America, Asia, Europe, Oceania*

spatial extend (bounding coordinates):

southernmost latitude [°]: *0-90*

northernmost latitude [°]: *0-90*

westernmost longitude [°]: *0-180*

easternmost longitude [°]: *0-180*

Site specifications

coordinate system/grid data:	<i>Latitude/Longitude, format: DD</i>
datum (e.g. WGS84):	<i>WGS84</i>
number of sites:	<i>>1000</i>
exact number of sites:	<i>1058</i>

Biological data

biological data origin:

specify method:	<i>general compilation</i>
organism group addressed:	<i>literature survey</i>
	<i>fish</i>

Sample resolution

fish:

taxonomic resolution: *species*

taxonomic coding:

Other specifications

GIS layers, shapes related to the database:

species distribution
hydrological information (as HydroSHEDS)
catchments, river-sub-basins
land use
population density
environmental variables (freshwater or terrestrial)
climatic variables (current and predictions)

availability of photos:

no

availability of maps:

yes

quality control procedures:

Were any quality control procedures applied to your database?

no

quality control protocols and comments:

These data files have been quality controled by the BioFresh data team. A number of minor technical and coordinate related issues have been corrected in agreement with the authors.