General information

name of the dataset:

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

    dataset short name: *SPRICH*

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

    data type: *shape files, descriptive data*

    short description of the dataset/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: *continously updated*
documentation:
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: *Thierry Oberdorff*
    email: *oberdorf@mnhn.fr*
    institution: *Institut de Recherche pour le Développement - UMR BOREA*
    address: *43, rue Cuvier*
    postal code, city: *75005 Paris*
    country   *France*

    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*

Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):

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

data contributors to/owners of this dataset:

                                             multiple

    number: *2*

provider 1:

    provider institute: *UPS*

    contact name: *Sebastien Brosse*

    contact email: *brosse@cict.fr*

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

                                               Other/Additional criteria

    other/additional criteria: *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*

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

                                               Other/Additional criteria

    other/additional criteria: *Data can be used without restrictions, but must be publicly acknowledged and cited correctly.*

citation of this dataset:

    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.*

    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*

citation of the metadata:

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 dataset:

scale of the dataset:	*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: *latitude/longitude, format: DD*
  datum (e.g. WGS84):   *WGS84*

number of sites: *>1000*
  exact number of sites: *1058*
comments: *The spatial extent of the database is the drainage bassin, so the "number of sites" refered above is actually the number of drainage bassins*

Biological data

biological data origin:

	general compilation
specify method:	*literature survey*
organism group addressed:	*fish*

Sample resolution

<u>fish:</u>

taxonomic resolution:	*species*
taxonomic coding:	

<u>fish:</u>

taxonomic resolution:	*species*

Other specifications

GIS layers, shapes related to the dataset:

> *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 dataset?

> *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.*