Lake fish data: Switzerland, France, Italy

Full name of the dataset: Lake fish data: Switzerland, France, Italy
Dataset short name: Projet Lac

Type of dataset (more information): species (taxonomic group) per site database including environmental information

Specify: Fish
Data type: point data/observation data

Short description of the dataset/summary:
The core database is the result of systematically surveying fish communities using gillnetting, electrofishing and hydroacoustics in more than 20 large lakes in Switzerland, eastern France and northern Italy.

Science keywords according to GCMD:
Topic: Biosphere
Keywords: Aquatic ecosystems; Lakes

ISO topic category according to ISO 19115:
Biota
**Technical and administrative specifications**

- **data format:** MySQL
- **operating system:** Win 7
- **data language:** English
- **current access level:** internal
- **currently available through GBIF:** no
- **exchange planned:** no
- **comments:** Exchange with GBIF not currently planned, but may be possible in future

**update level:** continuously updated

**documentation:**

- **language:** English

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

**contact details:**

- **metadata contact person:** Pascal.Vonlanthen@eawag.ch
- **institution:** Eawag
- **address:** Seestrasse 79
- **postal code, city:** 6047 Kastanienbaum
- **province, state:** Luzern
- **country:** Switzerland

- **technical contact person:** Guy.Periat@eawag.ch

- **scientific contact person:**
Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):
contact name: Eawag

data contributors to/owners of this dataset:
single

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

other/additional criteria: Currently open to collaborations and data-sharing on request. The complete dataset will be made publicly available in the future (release date is yet to be determined).

citation of this dataset:
author(s): Pascal Vonlanthen, Guy Periat, Ole Seehausen
title: Projet Lac: systematic surveys of fish communities using gillnetting, electrofishing and hydroacoustics in more than 20 large lakes in Switzerland, eastern France and northern Italy
year: 2014

citation of the metadata:

comments: Currently open to collaborations and data-sharing on request. The complete dataset will be made publicly available in the future (release date is yet to be determined)
General data specifications

regional coverage of the dataset: Switzerland, France, Italy
scale of the dataset: national
continents: Europe
comments: Ongoing sampling
Site specifications

coordinate system/grid data:
  datum (e.g. WGS84): WGS84

number of sites: >1000
Climate and environmental data

climate related data:

environmental data:
Biological data

biological data origin:  from sampling
   specify project:  Projet Lac

organism group addressed:  fish
### Sample specifications/sample resolution

**fish:**

**sample information:**
- covered timeframe: 2011 - 2014
- historical data: no
- palaeo data: no
- season: autumn
- time series data: no

**taxonomic resolution:** genus, species

**taxonomic coding:**

**sample specifications:**
- specific sample location (e.g. littoral, profundal, transect, shoreline, hyporheic zone, etc.):

  All major habitats of each lake were sampled
Dataset: Lake fish data: Switzerland, France, Italy

Other specifications

GIS layers, shapes related to the dataset: no data available
availability of photos: yes
quality control procedures: