



Metadata

Macroinvertebrate data of the Belgian River Meuse from 1998 to 2011

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General information

name of the dataset:

full name of the dataset: *Macroinvertebrate data of the Belgian River Meuse from 1998 to 2011*
dataset short name: *Meuse River macroinvertebrate dataset*

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

data type: *point data/observation data*

short description of the dataset/summary:

Between 1998 and 2011 the SPW-DEMNA sampled macroinvertebrates in 3 reaches of the River Meuse (Hastière, Andenne, Lixhe) with a protocol adapted for deep rivers.

Environmental and fish data for the Meuse are also available as separate datasets.

keywords according to [GCMD](#):

topic: *Terrestrial Hydrosphere*

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

Biota

INSPIRE keywords according to [GEMET](#):

Environmental monitoring facilities, Species distribution

own science keywords:

Macroinvertebrate, River Meuse, invasive, long term monitoring

related project:

Planctonic resources decrease, and habitat alterations, which consequences for the functioning of communities? University of Namur

funding:

We would like to thank the SPW (Belgium) for providing the data corresponding to their Meuse River monitoring programs. This work was funded by the University of Namur.

Technical and administrative specifications

data format: *Excel*
operating system: *Win 7*
data language: *English*
current access level: *web (public)*
currently available through [GBIF](#): *no*
exchange planned: *no*
data in data repository: *no*

Do you plan to publish the data on the Freshwater Biodiversity Data Portal:

already published through the Freshwater Biodiversity Data Portal

update level: *completed*

documentation:

type: *scientific paper*
language: *English*

contact details:

metadata contact person:

first, last name: *Adrien Latli*
phone: *081 72 42 87*
email: *adrien.latli@unamur.be*
institution: *University of Namur - URBE*
address: *Rue Bruxelles, 61*
postal code, city: *5000 Namur*
country: *Belgium*

technical contact person:

first, last name: *Adrien Latli*
phone: *081 72 42 87*
email: *adrien.latli@unamur.be*

scientific contact person:

first, last name: *Patrick Kestemont*
phone: *+32 (0)81 72 43 63*
email: *patrick.kestemonti@unamur.be*

Intellectual property rights and citation

(if the dataset is already published):

dataset creator (data compiler):

contact name: *Latli Adrien*
contact email: *adrien.latli@unamur.be; patrick.kestemont@unamur.be*
contact institution: *University of Namur*

data contributors to/owners of this dataset:

number: *multiple*
number: *2*

provider 1:

provider institute: *SPW Wallonie*
contact name: *Chérot Frédéric*
contact email: *frederic.cherot@spw.wallonie.be; dgarne@spw.wallonie.be*
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 dataset creator/data contributors must be informed prior to publication. Data must be acknowledged and cited correctly.

provider 2:

provider institute: *University of Namur*
contact name: *Adrien Latli*
contact email: *adrien.latli@unamur.be; patrick.kestemont@unamur.be*
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.

citation of this dataset:

author(s): *Latli, A. & Chérot, F.*
title and journal (name, number, pages):
Macroinvertebrate data of the Belgian River Meuse from 1998 to 2011.
year: *2017*

citation of the metadata:

author(s): *Latli A., Chérot F. & Kestemont P.*
title and journal (name, number, pages):
Macroinvertebrate data of the Belgian River Meuse from 1998 to 2011.
Freshwater Metadata Journal 0: 0-0
year: *0000*
doi (if applicable): *<https://doi.org/10.15504/fmj.0000.0>*

General data specifications

regional coverage of the dataset:

spatial extent of the dataset: *regional*
continents: *Europe*

spatial extent (bounding coordinates):

southernmost latitude [°]: *50°9'*
northernmost latitude [°]: *50°45'*
westernmost longitude [°]: *4°49'*
easternmost longitude [°]: *5°41'*
minimum altitude: *49 metres*
maximum altitude: *100 metres*
countries: *Europe: Belgium*

Site specifications

coordinate system/grid data:	<i>latitude/longitude projected</i>
datum (e.g. WGS84):	<i>WGS84</i>
grid data available:	<i>no</i>
site coding available:	<i>no</i>
number of sites:	<i><100</i>
exact number of sites:	<i>3</i>

Biological data

biological data origin: *from sampling,*
specify project: *European survey program*
specify method:
organism group addressed: *macro-invertebrates*

Sample resolution

macro-invertebrates:

taxonomic resolution:

taxonomic coding:

taxalist according to:

AQEM/Star

citation:

Schmidt-Kloiber, A., Graf, W., Lorenz, A. & Moog, O. (2006): The AQEM/STAR taxalist - a pan-European macro-invertebrate ecological database and taxa inventory. Hydrobiologia 566: 325-342.

coding system:

no coding used

Other specifications

GIS layers, shape files related to the dataset:

no data available

availability of photos:

no

availability of maps:

no

quality control procedures:

Were any quality control procedures applied to your dataset?

yes

quality control protocols and comments:

We performed a number of systematic checks using the OpenRefine software.