



Metadata

European riparian ground beetles

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General information

name of the dataset:

full name of the dataset: *European riparian ground beetles*

type of dataset ([more information](#)): *species (taxonomic group) per site database including environmental information*

data type: *point data/observation data*

short description of the dataset/summary:

The database is based on a literature review concerning Central European ground beetles and was part of workpackage 6 in the EU funded project BioFresh (www.freshwaterbiodiversity.eu). The data were collected from relevant literature (including local journals and grey literature) as well as from unpublished collections and private databases.

science keywords according to [GCMD](#):

topic: *Biosphere*

keywords: *ground beetles, floodplains, riparian areas, hydromorphological degradation, literature review*

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

Biota, Inland Waters

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: *no*
data in data repository: *yes*
specify repository: *BioFresh*
comments: *Data are available via the Freshwater Biodiversity Data Portal (<http://data.freshwaterbiodiversity.eu>) and therefore also available to GBIF.*
update level: *completed*

documentation:

type: *internal description*
language: *English*

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

already published through BioFresh
media for data delivery: *BioFresh IPT (<http://data.freshwaterbiodiversity.eu/ipt/>)*
web address: *<http://data.freshwaterbiodiversity.eu/ipt/>*

contact details:

metadata contact person:
first, last name: *Kathrin Januschke*
phone: *+49 (0)201 183 3113*
email: *kathrin.januschke@uni-due.de*
institution: *Department of Aquatic Ecology, University of Duisburg-Essen*
postal code, city: *45141 Essen*
province, state: *North Rhine-Westphalia*
country: *Germany*

technical contact person:

first, last name: *Kathrin Januschke*
phone: *+49 (0)201 183 3113*
email: *kathrin.januschke@uni-due.de*

scientific contact person:

first, last name: *Kathrin Januschke*
phone: *+49 (0)201 183 3113*
email: *kathrin.januschke@uni-due.de*

Intellectual property rights and citation

dataset publisher is already published *BioFresh*

dataset creator (data compiler):

contact name: *Dr. Kathrin Januschke*
contact email: *kathrin.januschke@uni-due.de*
contact institution: *Department of Aquatic Ecology*

data contributors to/owners of this dataset:

number: *multiple*
4

provider 1:

provider institute: *Callistus - Gemeinschaft für Zoologische & Ökologische Untersuchungen*
contact name: *Diplom-Biol. Michael-Andreas Fritze*
contact email: *fritze@callistus.de*
criteria for using the data in a publication/scientific analysis: *Other/Additional criteria*
other/additional criteria: *Data provider must be offered co-authorship for publications using this dataset. Data must be publicly acknowledged and cited correctly.*

provider 2:

provider institute: *Department Biosciences, Centre of Natural History*
contact name: *Mag. Wolfgang Paill*
contact email: *wolfgang.paill@museum-joanneum.at*
criteria for using the data in a publication/scientific analysis: *Other/Additional criteria*
other/additional criteria: *Data provider must be offered co-authorship for publications using this dataset. Data must be publicly acknowledged and cited correctly.*

provider 3:

provider institute: *Department Biosciences, Centre of Natural History*
contact name: *Mag. Tanja Holler*
contact email: *tanja.holler@museum-joanneum.at*
criteria for using the data in a publication/scientific analysis: *Other/Additional criteria*
other/additional criteria: *Data provider must be offered co-authorship for publications using this dataset. Data must be publicly acknowledged and cited correctly.*

provider 4:

provider institute:
contact name: *Mag. Laura Pabst*
contact email: *pabst.laura@gmail.com*
criteria for using the data in a publication/scientific analysis: *Other/Additional criteria*
other/additional criteria: *Data provider must be offered co-authorship for publications using this dataset. Data must be publicly acknowledged and cited correctly.*

citation of this dataset:

author(s): *BioFresh (publisher), Kathrin Januschke (provider)*
title: *European riparian ground beetles. Published on <http://data.freshwaterbiodiversity.eu>, accessed on [date].*
year: *2015*
doi (if applicable): *<http://dx.doi.org/10.13148/bfcf10>*

citation of the metadata:

General data specifications

regional coverage of the dataset:

scale of the dataset: *continental*

continents: *Europe*

spatial extent (bounding coordinates):

southernmost latitude [°]: *43.49*

northernmost latitude [°]: *53.08*

westernmost longitude [°]: *1.4*

easternmost longitude [°]: *16.725*

minimum altitude: *0 metres*

maximum altitude: *2140 metres*

countries: *Europe: Austria, Belgium, France, Germany, Italy, Netherlands, Switzerland*

Site specifications

coordinate system/grid data:	<i>latitude/longitude, format: DD</i>
datum (e.g. WGS84):	<i>WGS84</i>
grid data available:	<i>no</i>
site coding:	
site coding available:	<i>yes</i>
	<i>alphanumerical</i>
number of digits:	<i>8</i>
example:	<i>ATCAR119</i>
number of sites:	<i>100 - 1000</i>
exact number of sites:	<i>214</i>

Climate and environmental data

climate related data: *no data available*

environmental data: *no parameter data per catchment available*

available parameters per site: *information on riparian vegetation (incl. information on modification)*

available parameters per site: *total vegetation coverage; only for some samples*

available parameters per site: *substrate composition*

available parameters per site: *presence data and percentages depending on methods of studies*

comments: *Due to the fact that data was achieved from literature, methods and data depth varied between studies.*

physico-chemistry data: *no data available*

stressors influencing the sites:

reference sites available: *no*

stressor	restored sites available	data before/after restoration available	stressor gradient available	comments
hydromorphological degradation	yes	no	yes	for some sites available
hydrologic stress (e.g. impoundment, flow velocity reduction, hydropeaking, water abstraction, flow velocity increase)	no	no	no	for some sites available

Biological data

biological data origin:

specify method:	<i>general compilation</i>
organism group addressed:	<i>literature review of several sampling projects</i>
	<i>terrestrial invertebrates (Carabidae)</i>

Sample specifications/sample resolution

terrestrial invertebrates:

sample information:

covered timeframe:

year from - to: 1972 - 2012

historical data: no

season: spring, summer, autumn

temporal resolution/frequency of sampling:

differs between projects

time series data: yes

comments: *Nine sites with time series data available.*

taxonomic resolution:

species

percentage of species level data: 100

comments: *Carabid species*

taxonomic coding:

taxalist according to: *Fauna Europaea*

citation: *Audisio et al. 2015. Fauna Europaea: Coleoptera 2 (excl. series Elateriformia, Scarabaeiformia, Staphyliniformia and superfamily Curculionoidea). Biodiversity Data Journal 3: e4750. doi: 10.3897/BDJ.3.e4750*

coding system: *species name, author, year*

example: *Bembidion prasinum (Duftschmid, 1812)*

sample specifications:

quantitative (abundance data), semi-quantitative, presence/absence

replicate samples: no

number of samples: 352

specification of method(s) used for sampling and sorting:

Information in most cases not available.

sample type (e.g. habitat specific samples, composite samples etc.):

Differs between datasets: pitfall traps and/or hand samplings. Information in most cases not available.

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

Riparian and/or floodplain areas.

Other specifications

GIS layers, shapes 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?

no