



Metadata

Main-Rodach



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General information

name of the dataset:

full name of the dataset: *Main-Rodach*

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:

restoration project (removal of side banking, new side arms, widening and delongation of river cours), observed by 4 PhD Thesis; additional to 3 years of observation: space for time (different times of restoration implementation), compared with refernce sites and gravel pitches

science keywords according to [GCMD](#):

topic: *Biosphere*

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

Biota

Technical and administrative specifications

data format: *txt*
others/details: *only hardcopy*
data language: *German*
current access level: *others/specify*
others/details: *only hardcopy via bibliothek*
currently available through [GBIF](#): *no*
exchange planned: *no*
update level: *completed*
documentation:
type: *scientific paper*

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

contact details:

metadata contact person:

~~first name:~~ ~~Barbara Stammel~~
email: *barbara.stammel@ku.de*
institution: *Aueninstitut Neuburg*
postal code, city: *86633 Neuburg a.d.Donau*
country: *Germany*
web address: *www.ku.de/mgf/geographie/angewandte-physische-geographie/aueninstitut-neuburg/*

technical contact person:

scientific contact person:

Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):

contact name: *Mader, Speierl, Metzner, v.Hessberg*

data contributors to/owners of this dataset:

single

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

Other/Additional criteria

other/additional criteria:

Data cannot be used in publication.

citation of this dataset:

year: *2003*

citation of the metadata:

General data specifications

regional coverage of the dataset:

scale of the dataset:	<i>regional</i>
continents:	<i>Europe</i>
countries:	<i>Europe: Germany</i>
comments:	<i>Main and Rodach near Kronach</i>

Site specifications

coordinate system/grid data: *projected, others: DHDN_3_Degree_Gauss_Zone_3*
datum (e.g. WGS84): *D_Deutsches_Hauptdreiecksnetz*

other site classification parameters: *Floodplain type according to Koenzen (2005): gefaellearme (0,1-0,5)Flussaue des Deckgebirges, sandig-kiesig*

number of sites: *<100*
exact number of sites: *15*

Climate and environmental data

climate related data: *no data available*
 comments: *can be checked if necessary*

environmental data: *no parameter data per catchment available*
 available parameters per site: *information on riparian vegetation (incl. information on modification)*
 available parameters per site: *information on channel form (incl. information on modification)*
 available parameters per site: *information on cross section (incl. information on modification)*
 available parameters per site: *current velocity*
 available parameters per site: *maximum depth*
 available parameters per site: *mean depth*

physico-chemistry data: *conductivity*

stressors influencing the sites:
 reference sites available: *yes*

stressor	restored sites available	data before/after restoration available	stressor gradient available	comments
hydromorphological degradation	yes	no	yes	

comments: *space for time for restoration sites*

Biological data

biological data origin: *from sampling*
specify project: *4 PhD Theses*

organism group addressed: *terrestrial invertebrates, fish, other group(s): riparian vegetation*

Sample specifications/sample resolution

terrestrial invertebrates:

sample information:

covered timeframe:
 year from - to: 1999 - 2001
 historical data: no
 season: spring, summer, autumn
 time series data: yes
 comments: site selection space for time (different ages of restoration projects)

taxonomic resolution:

percentage of species level data: 100
 comments: Apoidea (Wildbienen)

taxonomic coding:

taxalist according to: Schmiedeknecht 1930, Scheuchl 1995, 1996, 1997

sample specifications:

quantitative (abundance data)
 replicate samples: yes
 number of samples: 16
 specification of method(s) used for sampling and sorting:
 3 types: restored sites, reference sites, gravel pitches
 further description in the PhD-Thesis (can be delivered if further information is needed).

fish:

sample information:

covered timeframe:
 year from - to: 1999 - 2004
 season: spring, winter
 temporal resolution/frequency of sampling:
 two times each year: 1999 (spring and winter), 2002 to 2004 (April to Mai; mid to end of October)

taxonomic resolution:

species

taxonomic coding:

sample specifications:

quantitative (abundance data)
 replicate samples: yes
 number of samples: 3
 specification of method(s) used for sampling and sorting:
 three monitoring sites: each a restored and a non-restored (upstream) stretch (200 - 800 m), along the shoreline, electrofishing (Briggs-Stratten, co-confluence-flow: 750 kW, 300-600 V)

other group(s):

sample information:

covered timeframe:
 year from - to: 1999 - 2002
 historical data: no
 season: spring, summer, autumn
 temporal resolution/frequency of sampling:
 three times a year
 time series data: yes
 comments: additional space for time for different restoration ages

taxonomic resolution: *species*
comments: *riparian vegetation*

taxonomic coding:

sample specifications: *quantitative (abundance data)*
replicate samples: *yes*
number of samples: *21*
specification of method(s) used for sampling and sorting:
21 permanent plots fo 5m x 5m, mapping of each species in different layers

Other specifications

GIS layers, shapes related to the dataset:

others (specify): *no data available*
 vegetation mapping, recorded as shape file but not yet available (can probably be organized);
 species distribution for the permanent plots of 25 m2; not yet available

availability of photos: *yes*

availability of maps: *yes*

quality control procedures:

Were any quality control procedures applied to your dataset?
no