



Metadata

ILL

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General information

name of the dataset:

full name of the dataset: *ILL*

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

data type: *point data/observation data, shape files*

short description of the dataset/summary:

Gewaesserrandstreifenprogramm III: Ex-Post-Evaluation of a 18 year conservation project (size 1.160 ha): floodplain dynamic without restriction on brooks and small rivers along the Ill, whole catchment

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 pdf; xls can probably be organized*
operating system: *all Windows systems*
data language: *German*
update level: *completed*
documentation:
Do you plan to publish the data on the Freshwater Biodiversity data portal:
contact details:

metadata contact person:

first, last name: *Barbara Stammel*
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technical contact person:

scientific contact person:

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comments:

*Meta-data- Institution:
Aueninstitut Neuburg
Schloss Gruenau
86633 Neuburg a.d. Donau*

Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):

contact name: *Zweckverband Natura Ill-Theel*

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:

citation of the metadata:

General data specifications

regional coverage of the dataset:

scale of the dataset: *regional*
continents: *Europe*
countries: *Europe: Germany*
comments: *Ill and tributaries near St. Wendel (bigger city: Saarlouis)*

Site specifications

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

number of sites: *<100*
exact number of sites: *43*

Climate and environmental data

climate related data: *no data available*
 available per: *per catchment*
 comments: *can be checked if necessary*
environmental data: *no parameter data per catchment available*
no parameter data per site available

stressors influencing the sites:

reference sites available: *no*

stressor	restored sites available	data before/after restoration available	stressor gradient available	comments
eutrophication	yes	yes	yes	
hydromorphological degradation	yes	yes	yes	

Biological data

biological data origin:

specify project:

from sampling

Ex-Post Evaluation of Gewaesserrandstreifenprogramm III

organism group addressed:

terrestrial invertebrates, fish, macro-invertebrates, other group(s):

Biotoypes, riparian vegetation (grassland), birds

comments:

terrestrial invertebrates: Carabids, Saltatoria, butterflies,

Sample specifications/sample resolution

terrestrial invertebrates:

sample information:

covered timeframe:

year from - to: 1994 - 2011

historical data: no

season: summer

temporal resolution/frequency of sampling:

carabids and saltatoria: only in 1994 and 2011 once; butterflies: additionally 2003 - 2006

time series data: yes

taxonomic resolution:

species

comments: *carabids, butterflies, saltatoria*

taxonomic coding:

taxalist according to: *carabids: MUELLER-MOTZFELD 2004*

coding system: *saltatoria: CORAY & LEHMANN (1998), HELLER et al. (1998)*

sample specifications:

quantitative (abundance data)

replicate samples: yes

number of samples: 13

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

carabids: 13 Sites, Barber pitches (9 cm diameter), every two weeks in May and June

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

butterflies 14 sites: frequency estimation according to ULRICH (1982, 1992), 4 times May, June, July, August/September

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

Saltatoria: 27 sites; 3 times; frequency-estimation in 4 classes;

fish:

sample information:

covered timeframe:

year from - to: 1994 - 2011

historical data: no

palaeo data: no

season: *spring, autumn*

time series data: yes

taxonomic resolution:

species

taxonomic coding:

sample specifications:

quantitative (abundance data)

replicate samples: yes

number of samples: 13

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

*13 stretches (ca. 400 m): 2 times: May and September
1994: instruments for smaller brooks (5 m width, 1,2 m depth)IG 80, co-current flow, 130 - 250 V, 2,5 A, 35 to 100 Hz. for deeper and wider rivers co-current flow: IG 200; impulse at 20 A, 10 KW at 50 Hz;
2011:co-current flow-instrument EFKO FEG 2000: 2 kW*

macro-invertebrates:

sample information:

covered timeframe:
year from - to: 1994 - 2011
historical data: no
palaeo data: no
season: spring, autumn
temporal resolution/frequency of sampling:
only 1994 and 2011
time series data: yes
comments: makrozoobenthos and Odonata
taxonomic resolution: genus, species
comments: makrozoobenthos, additionally odonata
taxonomic coding:
taxalist according to: makrozoobenthos: MEIER et al. 2006
sample specifications: quantitative (abundance data), semi-quantitative
replicate samples: yes
number of samples: 6
specification of method(s) used for sampling and sorting:
makrozoobenthos: 6 stretches; semi-quantitative time-sample-method (2 times (April and October)
sample type (e.g. habitat specific samples, composite samples etc.):
odonata: 3 stretches; 3-4 times (May, June, August, frequency estimation in 7 classes;

other group(s):**sample information:**

covered timeframe:
year from - to: 1994 - 2011
historical data: no
season: summer
time series data: yes
taxonomic resolution: species
comments: vegetation only grasslands
taxonomic coding:
sample specifications: quantitative (abundance data)
replicate samples: yes
number of samples: 46
specification of method(s) used for sampling and sorting:
vegetation in grassland-stands: 46 sites of 20-25 m²; according to Braun-Blanquet (1964) and Barkmann (1964);
sample type (e.g. habitat specific samples, composite samples etc.):
Birds: 4 stretches (2km, 2,4 km, 0,8km, 2 km), 3 times a year (April, May, June, at least 2 weeks distance)additional indicator species (Braunkehlchen, Eisvogel, Rohrammer, Teichrohrsaenger, Wasseramsel, Wasserralle, Zwergtaucher)

Other specifications

GIS layers, shapes related to the dataset:

others (specify):	<i>others/specify</i>
availability of photos:	<i>biotoptypes</i>
availability of maps:	yes
quality control procedures:	yes