Exported from the BioFresh data portal, http://data.freshwaterbiodiversity.eu
Visit the BioFresh metadatabase query tool, http://data.freshwaterbiodiversity.eu/metadb/metaDBQry
Visit the BioFresh metadatabase full text search, http://data.freshwaterbiodiversity.eu/metadb/metaDBfts

General information

name of the database:

full name of the database: *EuMon database on Biodiversity Monitoring Schemes*

database short name: *DaEuMon*

type of database (more information**):** *others*

specify: *biodiversity monitoring programs and schemes*

data type: *descriptive data*

short description of the database/summary:

Metadatabase about biodiversity Monitoring schemes: The EuMon consortium, comprising 16 partners from 11 EU-countries, designed databases and carried out online surveys to provide an overview of monitoring approaches and monitoring organisations in Europe. One database, the PMN database, covers characteristics of organisations that involve volunteers in biodiversity monitoring (see Overview graphs& tables and BioMAT background information) and a second one, called DaEuMon, addresses coverage and methodological aspects of biodiversity monitoring. Both databases are automatically updated with each new entry. BioMAT allows extracting information from the databases to generate graphs and tables or to contact monitoring schemes for particular habitats or species groups. On this page we provide information on DaEuMon.

science keywords according to GCMD**:**

topic: *Biosphere*

keywords: *monitoring, species, habitats*

ISO topic category according to ISO 19115**:**

Biota, Environment

Technical and administrative specifications

data format:	*csv*
others/details:	*meta information*
operating system:	*all operating systems*
data language:	*English*
current availability:	*web (public), restricted access*
web address (URL):	*http://eumon.ckff.si/about_daeumon.php*
others/details:	*http://eumon.ckff.si/biomat/1.0.1.php*
update level:	*continously updated*
documentation:	
type:	*manual, scientific paper*
language:	*English*
Do you plan to publish the data on the BioFresh data portal:	
media for data delivery:	*e-mail, others/specify*
web address:	*http://eumon.ckff.si/biomat/1.0.0.php*
others/details:	*requested information will be handed out in excel format, size according to the required data*

contact details:

metadata contact person:

first, last name:	*Mathias Scholz*
phone:	*++49 341 - 2351644*
email:	*eumon@ufz.de, mathias.scholz@ufz.de, dirk.schmeller@ufz.de*
institution:	*UFZ - Helmoltz Centre for Environmental Research*
address:	*Permoserstr. 15*
postal code, city:	*04318 Leipzig*
country	*Germany*
web address:	*http://www.ufz.de/index.php?en=11382*

technical contact person:

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scientific contact person:

email:	*eumon@ufz.de, mathias.scholz@ufz.de, dirk.schmeller@ufz.de*
comments:	*Copyright and disclaimer: EuMon, BioMAT, and DaEuMon database All rights reserved. USE THIS SOFTWARE AT YOUR OWN RISK. THE EUMON TEAM WILL NOT BE LIABLE FOR ANY DIRECT OR INDIRECT DAMAGE OR LOSS CAUSED BY THE USE OR THE INABILITY TO USE THIS SOFTWARE. CONDITIONS OF USE: We explicitly encourage the use of DaEuMon and BioMAT. BioMAT is freely available for non-commercial use provided you acknowledge EuMon/BioMAT as source. For any other kinds of uses, e.g., for extensive non-open access scientific publications based on DaEuMon, please contact the EuMon coordinator for permission (eumon@ufz.de).*

Intellectual property rights and citation

(if the database is already published):

database creator (data compiler):

contact email: *eumon@ufz.de, mathias.scholz@ufz.de, bianca.bauch@ufz.de*

data contributors to/owners of this database:

single

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

Other/Additional criteria

Other/Additional criteria: *Copyright and disclaimer: EuMon, BioMAT, and DaEuMon database*
All rights reserved. USE THIS SOFTWARE AT YOUR OWN RISK. THE EUMON TEAM WILL NOT BE LIABLE FOR ANY DIRECT OR INDIRECT DAMAGE OR LOSS CAUSED BY THE USE OR THE INABILITY TO USE THIS SOFTWARE.
CONDITIONS OF USE: We explicitly encourage the use of DaEuMon and BioMAT. BioMAT is freely available for non-commercial use provided you acknowledge EuMon/BioMAT as source. For any other kinds of uses, e.g., for extensive non-open access scientific publications based on DaEuMon, please contact the EuMon coordinator for permission (eumon@ufz.de).

citation of this database:

author(s): *HENLE, K., BAUCH, B., BELL, S., FRAMSTAD, E., KOTARAC, M., HENRY, P.-Y., LENGYEL, S., GROBELNIK, V., SCHMELLER, D.S.*

title: *Observing Biodiversity Changes in Europe. In: SETTELE, J., PENEV, L., GEORGIEV, T. GRABAUM, R., GROBELNIK, V., HAMMEN, V., KLOTZ, S., KOTARAC, M., KÜHN, I. (Hrsg.): Atlas of Biodiversity Risk. PENSOFT, Sofia-Moscow, 264 S.*

year: *2010*

citation of the metadata:

comments: *Copyright and disclaimer: EuMon, BioMAT, and DaEuMon database*
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CONDITIONS OF USE: We explicitly encourage the use of DaEuMon and BioMAT. BioMAT is freely available for non-commercial use provided you acknowledge EuMon/BioMAT as source. For any other kinds of uses, e.g., for extensive non-open access scientific publications based on DaEuMon, please contact the EuMon coordinator for permission (eumon@ufz.de).

General data specifications

regional coverage of the database:

scale of the database:	*continental*
continents:	*Europe*
countries:	*Europe: Åland Islands, Albania, Andorra, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Faroe Islands, Finland, France, Germany, Gibraltar, Greece, Guernsey, Hungary, Iceland, Ireland, Isle of Man, Italy, Jersey, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malta, Moldova, Monaco, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovakia, Slovenia, Spain, Svalbard, Sweden, Switzerland, Ukraine, United Kingdom, Vatican City, Kosovo, Pridnestrovie (Transnistria)*
comments:	*also open for countries outside Europe!*
comments:	*continuously up-dated*

Site specifications

coordinate system/grid data:

    grid data available: *no*
    comments: *no coordinate info; data per country*

number of sites: *>1000*

Climate and environmental data

climate related data: *no data available*
environmental data: *no parameter data per catchment available*
physico-chemistry data: *no data available*

stressors influencing the sites: *no stressor data available*

Biological data

biological data origin:

	general compilation
specify method:	*EUMON project, meta information according to the monitoring programm /scheme coordinator, see database*
organism group addressed:	*mammals, water birds, reptiles (turtles), amphibians, terrestrial invertebrates, fish, macro-invertebrates (Mollusca, Crayfish, Crabs, Ephemeroptera, Odonata, Plecoptera, Trichoptera, Chironomidae), macrophytes, angiosperms*

Sample specifications/sample resolution

mammals:
sample information:

    comments: *see EuMon database*
                                  http://eumon.ckff.si/monitoring/

                                  http://eumon.ckff.si/biomat/1.0.0.php
taxonomic resolution: *order, genus, species*
    comments: *meta data on sample specifications is given per data set*

taxonomic coding:
    taxalist according to: *fauna europaea, Habtitat directive Annex 1, 2 and 4*
sample specifications:
    specification of method(s) used for sampling and sorting:
                                    meta data on sample specifications is given per data set
    sample type (e.g. habitat specific samples, composite samples etc.):
                                    meta data on sample specifications is given per data set
    specific sample location (e.g. littoral, profundal, transect, shoreline, hyporheic zone, etc.):
                                    meta data on sample specifications is given per data set
    other important sample related informations:
                                    see EuMon database
    comments: *see EuMon database*

water birds:
sample information:

    historical data: *no*
    temporal resolution/frequency of sampling:
                                    meta data on sample specifications is given per data set
    comments: *see EuMon database*
taxonomic resolution: *order, genus, species*
    comments: *meta data on sample specifications is given per data set*
taxonomic coding:
    taxalist according to: *fauna europaea, Habtitat directive Annex 1, 2 and 4*
sample specifications:
    specification of method(s) used for sampling and sorting:
                                    meta data on sample specifications is given per data set
    sample type (e.g. habitat specific samples, composite samples etc.):
                                    meta data on sample specifications is given per data set
    specific sample location (e.g. littoral, profundal, transect, shoreline, hyporheic zone, etc.):
                                    meta data on sample specifications is given per data set
    other important sample related informations:
                                    see EuMon database
    comments: *see EuMon database*

reptiles:
sample information:

    comments: *see EuMon database*
taxonomic resolution: *species*
    comments: *meta data on sample specifications is given per data set*
taxonomic coding:

taxalist according to:	*fauna europaea, Habtitat directive Annex 1, 2 and 4*

sample specifications:

specification of method(s) used for sampling and sorting:
> *meta data on sample specifications is given per data set*

sample type (e.g. habitat specific samples, composite samples etc.):
> *meta data on sample specifications is given per data set*

specific sample location (e.g. littoral, profundal, transect, shoreline, hyporheic zone, etc.):
> *meta data on sample specifications is given per data set*

other important sample related informations:
> *see EuMon database*

comments:
> *see EuMon database*

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amphibians:

sample information:

comments:
> *see EuMon database*

taxonomic resolution: *species*

comments:
> *see EuMon database*

taxonomic coding:

sample specifications:

specification of method(s) used for sampling and sorting:
> *meta data on sample specifications is given per data set*

sample type (e.g. habitat specific samples, composite samples etc.):
> *meta data on sample specifications is given per data set*

specific sample location (e.g. littoral, profundal, transect, shoreline, hyporheic zone, etc.):
> *meta data on sample specifications is given per data set*

other important sample related informations:
> *see EuMon database*

comments:
> *see EuMon database*

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terrestrial invertebrates:

sample information:

comments:
> *see EuMon database*

taxonomic resolution: *species*

comments:
> *meta data on sample specifications is given per data set*

taxonomic coding:

taxalist according to:
> *fauna europaea, habitat drective 1, 2 and 4*

sample specifications:

specification of method(s) used for sampling and sorting:
> *meta data on sample specifications is given per data set*

sample type (e.g. habitat specific samples, composite samples etc.):
> *meta data on sample specifications is given per data set*

specific sample location (e.g. littoral, profundal, transect, shoreline, hyporheic zone, etc.):
> *meta data on sample specifications is given per data set*

other important sample related informations:
> *see EuMon database*

comments:
> *see EuMon database*

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fish:

sample information:

comments:
> *see EuMon database*

taxonomic resolution: *species*

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comments:	*see EuMon database*

taxonomic coding:

taxalist according to:	*fauna europaea, habitat directive , annex 1, 2, and 4*

sample specifications:

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

meta data on sample specifications is given per data set

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

meta data on sample specifications is given per data set

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

meta data on sample specifications is given per data set

other important sample related informations:

meta data on sample specifications is given per data set

comments:	*see EuMon database*

macro-invertebrates:

sample information:

temporal resolution/frequency of sampling:

meta data on sample specifications is given per data set

comments:	*see EuMon database*

taxonomic resolution:	*genus, species*
comments:	*see EuMon database*

taxonomic coding:

taxalist according to:	*fauna europaea, habitat directive, Annex 1, 2 and 4*

sample specifications:

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

meta data on sample specifications is given per data set

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

meta data on sample specifications is given per data set

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

meta data on sample specifications is given per data set

other important sample related informations:

see EuMon database

comments:	*see EuMon database*

macrophytes:

sample information:

comments:	*see EuMon database*

taxonomic resolution:	*genus, species*
comments:	*see EuMon database*

taxonomic coding:

sample specifications:

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

meta data on sample specifications is given per data set

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

meta data on sample specifications is given per data set

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

meta data on sample specifications is given per data set

other important sample related informations:

see EuMon database

comments:	*see EuMon database*

<u>angiosperms:</u>
sample information:
    comments: *see EuMon database*
taxonomic resolution: *order, genus, species*
    comments: *see EuMon database*
taxonomic coding:
sample specifications:
    specification of method(s) used for sampling and sorting:
        meta data on sample specifications is given per data set
    sample type (e.g. habitat specific samples, composite samples etc.):
        meta data on sample specifications is given per data set
    specific sample location (e.g. littoral, profundal, transect, shoreline, hyporheic zone, etc.):
        meta data on sample specifications is given per data set
    other important sample related informations:
        see EuMon database
    comments: *see EuMon database*

Other specifications

GIS layers, shapes related to the database:

no data available

availability of photos: *no*

availability of maps: *no*

quality control procedures:

Were any quality control procedures applied to your database?

yes

quality control protocols and comments:

Database entries are continually checked for completeness and plausibility by the EuMon team