name of the dataset: REBECCA Rivers Macroinvertebrates

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

short description of the dataset/summary: Macroinvertebrates in rivers, compiled during EU FP6 project REBECCA.

science keywords according to GCMD:

topic: Biosphere, Terrestrial Hydrosphere

keywords: Macroinvertebrates, rivers, EU, REBECCA

ISO topic category according to ISO 19115:

Biota, Environment, Inland Waters
## Technical and administrative specifications

<table>
<thead>
<tr>
<th>data format:</th>
<th>Access</th>
</tr>
</thead>
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<tr>
<td>operating system:</td>
<td>Win 2000</td>
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<tr>
<td>current access level:</td>
<td>restricted access</td>
</tr>
<tr>
<td>currently available through <strong>GBIF</strong>:</td>
<td>no</td>
</tr>
<tr>
<td>exchange planned:</td>
<td>no</td>
</tr>
<tr>
<td>update level:</td>
<td>others/specify</td>
</tr>
<tr>
<td>others/details:</td>
<td>Some details might be added/corrected</td>
</tr>
</tbody>
</table>

### documentation:

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

- **metadata contact person:**  
  - first, last name: Jannicke Moe  
  - email: jmo@niva.no  
  - institution: Norsk institutt for vannforskning (NIVA)  
  - address: Gaustadalléen 21  
  - postal code, city: 0349 Oslo  
  - country: Norway  
  - web address: http://www.niva.no

- **technical contact person:**  
  - first, last name: Jannicke Moe  
  - email: jmo@niva.no

- **scientific contact person:**  
  - first, last name: Torleif Bålken  
  - email: tob@niva.no

**comments:**  
[Metadata were harvested from the WISER metadatabase (http://www.wiser.eu/results/meta-database/details.php?id1=52&id2=56) by the BioFresh team.]
Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):

data contributors to/owners of this dataset:
single

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

other/additional criteria:
The database is compiled from different datasets with different levels of access rights.
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): Moe, S. J., A. K. Schartau, T. Bækken, B. McFarland
year: 2008

citation of the metadata:

© BioFresh - Funded by the European Union under the 7th Framework Programme - contract no. 226874
General data specifications

regional coverage of the dataset:
  scale of the dataset: continental
  continents: Europe
  countries: Europe: Norway, Slovakia, Sweden, United Kingdom
Site specifications

**coordinate system/grid data:**
- **comments:** Coordinate systems vary among countries; some unknown

**other site classification parameters:**
- **site coding available:** yes
- **example:** Site codes vary among countries
- **number of sites:** >1000
- **exact number of sites:** 1693
- **comments:** Geology is not reported

Data on colour/humic level and alkalinity is available for many sites.
Climate and environmental data

climate related data:  
environmental data:  
physico-chemistry data:  
included in the physico-chemistry data: total P, ortho P, nitrate, total N, ammonium, alkalinity, pH, conductivity, colour  
other physico-chemical parameters: Turbidity, Zn, Si, TOC, SO4, Mg, Cl, Na, K, F, Fe, Cd, Pb
Dataset: REBECCA Rivers Macroinvertebrates

Biological data

biological data origin: from sampling
specify project: REBECCA
organism group addressed: macro-invertebrates
## Sample specifications/sample resolution

**macro-invertebrates:**

**sample information:**
- covered timeframe: 1971 - 2005
- season: spring, summer, autumn, winter

**taxonomic resolution:**
- percentage of species level data: 18

**taxonomic coding:**
- coding system: ID AQEM, DV

**sample specifications:**
- quantitative (abundance data)
- replicate samples: yes

**Replicate samples for for some samples only.**
### Other specifications

<table>
<thead>
<tr>
<th>availability of photos:</th>
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</thead>
<tbody>
<tr>
<td>availability of maps:</td>
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<td>quality control procedures:</td>
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<tr>
<td>comments:</td>
<td><em>The database is compiled from different datasets with different levels of access rights.</em></td>
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</tbody>
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