name of the dataset: SEPA River macroinvertebrate data for 2005/2006

type of dataset (more information): species distribution data

data type: point data/observation data, shape files

short description of the dataset/summary:
Family level and species level data from river monitoring stations across Scotland. Sites across Scotland on main rivers, selected to provide a representative assessment of water quality in those rivers.

science keywords according to GCMD:

topic: Biosphere

keywords: Macroinvertebrates; Scotland; water quality; assessment; river monitoring

ISO topic category according to ISO 19115:

Biota, Inland Waters
## Technical and administrative specifications

<table>
<thead>
<tr>
<th><strong>data language:</strong></th>
<th>English</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>web address (URL):</strong></td>
<td><a href="https://data.nbn.org.uk/Datasets/GA000353">https://data.nbn.org.uk/Datasets/GA000353</a></td>
</tr>
<tr>
<td><strong>others/details:</strong></td>
<td><a href="http://data.gbif.org/datasets/resource/916">http://data.gbif.org/datasets/resource/916</a></td>
</tr>
<tr>
<td><strong>currently available through GBIF:</strong></td>
<td>yes</td>
</tr>
<tr>
<td><strong>update level:</strong></td>
<td>completed</td>
</tr>
</tbody>
</table>

**documentation:**

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

- **media for data delivery:** online internet (HTTP)
- **web address:** https://data.nbn.org.uk/Datasets/GA000353

**contact details:**

<table>
<thead>
<tr>
<th><strong>metadata contact person:</strong></th>
<th>Paul Gilbertson</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>first, last name:</strong></td>
<td>Paul Gilbertson</td>
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<tr>
<td><strong>email:</strong></td>
<td><a href="mailto:paulbe@ceh.ac.uk">paulbe@ceh.ac.uk</a></td>
</tr>
<tr>
<td><strong>institution:</strong></td>
<td>Scottish Environment Protection Agency / SEPA Corporate Office</td>
</tr>
<tr>
<td><strong>address:</strong></td>
<td>Erskine Court, Castle Business Park</td>
</tr>
<tr>
<td><strong>postal code, city:</strong></td>
<td>FK9 4TR Stirling</td>
</tr>
<tr>
<td><strong>country:</strong></td>
<td>Scotland</td>
</tr>
<tr>
<td><strong>web address:</strong></td>
<td><a href="http://www.sepa.org.uk">www.sepa.org.uk</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>technical contact person:</strong></th>
<th>Cathy Bennett</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>scientific contact person:</strong></td>
<td>Cathy Bennett</td>
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<tr>
<td><strong>first, last name:</strong></td>
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<td><strong>email:</strong></td>
<td><a href="mailto:cathy.bennett@sepa.org.uk">cathy.bennett@sepa.org.uk</a></td>
</tr>
</tbody>
</table>

**comments:**

[Metadata were harvested from NBN. Currently there is no automatic update of data through the BioFresh Data Portal. Please check the original source (https://data.nbn.org.uk/Datasets/GA000353) for information about revised or updated entries before using the data.]
Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):
  contact name: SEPA
  contact email: www.sepa.org.uk

data contributors to/owners of this dataset:
  single

criteria for using the data in a publication/scientific analysis:
  The dataset is publicly available (data portal, data archive) and can be used without restrictions, but must be acknowledged and cited correctly.

other/additional criteria: For using and referencing data from the NBN Gateway please see https://data.nbn.org.uk/Terms

citation of this dataset:

citation of the metadata:
General data specifications

regional coverage of the dataset:
  scale of the dataset: national
  continents: Europe
  countries: Europe: United Kingdom
  comments: Only Scotland is covered.
Site specifications

coordinate system/grid data:
number of sites: >1000
  exact number of sites: 2201
Biological data

biological data origin: from sampling
specify project: Routine water quality assessment

organism group addressed: amphibians, macro-invertebrates (Mollusca, Crayfish, Crabs, Ephemeroptera, Odonata, Plecoptera, Trichoptera, Chironomidae), other group(s): Coelenterata, Annelida
Sample resolution

amphibians:
taxonomic resolution: species
taxonomic coding:

macro-invertebrates:
taxonomic resolution: species
taxonomic coding:

other group(s):
taxonomic resolution: species
taxonomic coding:
Other specifications

GIS layers, shapes related to the dataset: 

Species distribution

Availability of photos: no
Availability of maps: yes

Quality control procedures:
Were any quality control procedures applied to your dataset?

Yes

Quality control protocols and comments:

Data subject to both internal analytical quality control (AQC) and to external audit, and to conformance with SEPA quality system. Further information is available from SEPA Ecology Units.