name of the dataset:
full name of the dataset: NIVA macrophytes HYMO

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: Norwegian lakes with different hydromorphological pressures. Macrophytes samples by NIVA in different projects with different goals.

science keywords according to GCMD:
- topic: Biosphere, Biological Classification, Terrestrial Hydrosphere
- keywords: Lakes, hydromorphological pressures

ISO topic category according to ISO 19115:
- Biota, Environment, Inland Waters
Technical and administrative specifications

data format: Excel
operating system: Win XP
current access level: internal
currently available through GBIF: no
update level: continuously updated
documentation:

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

metadata contact person: Norsk institutt for vannsforskning (NIVA)
institution: Norsk institutt for vannsforskning (NIVA)
address: Gaustadalléen 21
postal code, city: 0349 Oslo
country: Norway
web address: http://www.niva.no

technical contact person: Marit Mjelde
first, last name: Marit Mjelde
email: marit.mjelde@niva.no

scientific contact person: Marit Mjelde
first, last name: Marit Mjelde
email: marit.mjelde@niva.no

comments: [Metadata were harvested from the WISER metadatabase (http://www.wiser.eu/results/meta-database/details.php?id1=45&id2=57) 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:**

Data provider must be offered co-authorship for publications using this dataset. Data must be publicly acknowledged and cited correctly.

**citation of this dataset:**

- year: year of access
- version (if applicable): version number from website

**citation of the metadata:**
General data specifications

regional coverage of the dataset:
  scale of the dataset:  national
  continents:           Europe
spatial extend (bounding coordinates):
  southernmost latitude [°]:  58.035248
  northernmost latitude [°]:  71.273246
  westernmost longitude [°]:  4.392578
  easternmost longitude [°]:  31.097656
  minimum altitude:          0 metres
  maximum altitude:          2469 metres
  countries:                 Europe: Norway
Site specifications

coordinate system/grid data:
number of sites: $<$100
  exact number of sites: 35
Climate and environmental data

climate related data:  
environmental data:  
physico-chemistry data:  \( \text{total } P, \text{ total } N, \text{ colour} \)
Biological data

biological data origin:

organism group addressed: macrophytes
Dataset: NIVA macrophytes HYMO

**Sample specifications/sample resolution**

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<thead>
<tr>
<th>macrophytes:</th>
<th>sample information:</th>
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<tr>
<td>taxonomic resolution:</td>
<td>other</td>
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<td>percentage of species level data:</td>
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<td>taxonomic coding:</td>
<td>coding system:</td>
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<td>RUBIN-codes</td>
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<tr>
<td>sample specifications:</td>
<td>semi-quantitative</td>
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</tbody>
</table>
Dataset: NIVA macrophytes HYMO

Other specifications

availability of photos: no
availability of maps: no
quality control procedures: no