General information

name of the dataset: REBECCA Lakes Phytoplankton

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

data type: point data/observation data

science keywords according to GCMD:

  topic: Terrestrial Hydrosphere
  keywords: Phytoplankton, lakes, EU, REBECCA

ISO topic category according to ISO 19115:

  Biota, Inland Waters
Technical and administrative specifications

**data format:** Access
**operating system:** Win XP
**current access level:** internal
currently available through **GBIF:** no
exchange planned: no
**update level:** completed
others/details: completed reg. NO, FI, SE; not completed for rest of Europe

**documentation:**

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

metadata contact person:
first, last name: Birger Skjelbred
email: birger.skjelbred@niva.no
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:
first, last name: Birger Skjelbred
email: birger.skjelbred@niva.no

scientific contact person:
first, last name: Anne Lyche Solheim
e-mail: als@niva.no

**comments:** [Metadata were harvested from the WISER metadatabase (http://www.wiser.eu/results/meta-database/details.php?id1=51&id2=59) by the BioFresh team.]
Dataset: REBECCA Lakes Phytoplankton

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 contains data from several data providers, who have set different criteria for use of the data. An overview of the criteria is available from the database's contact person.

citation of this dataset:


  version (if applicable): year of access

  version number from website

citation of the metadata:

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General data specifications

regional coverage of the dataset:
  scale of the dataset: continental
  continents: Europe
  countries: Austria, Belgium, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Latvia, Lithuania, Netherlands, Norway, Poland, Romania, Spain, Sweden, United Kingdom
## Site specifications

**coordinate system/grid data:**
- datum (e.g. WGS84): WGS84
- site coding available: yes
- numerical example: running number

**number of sites:**
- >1000
- exact number of sites: 1573

**comments:**
- Smallest surface area: 0 - 1 km2
- Calcareous: Ca > 20 mg/L
Climate and environmental data

climatic related data:
environmental data:
physico-chemistry data: total P, ortho P, total dissolved P, nitrate, nitrite, total N, ammonium, hardness, alkalinity, water temperature, pH, conductivity, chlorophyll, colour
comments: No data on euphotic depth, thermocline depth, current velocity and substrate composition available.
Dataset: REBECCA Lakes Phytoplankton

**Biological data**

**biological data origin:**

- general compilation
- various monitoring Programs (Moe et al)

**organism group addressed:**

phytoplankton
Sample specifications/sample resolution

**Phytoplankton:**

**Sample information:**
- Covered timeframe: 1988 - 2003
- Season: spring, summer, autumn

**Taxonomic resolution:**
- Percentage of species level data: 99%

**Taxonomic coding:**
- Coding system: REBECCA

**Sample specifications:**
- Quantitative (abundance data)

Other important sample related informations:

*Only 1% of the samples covered only higher level of taxonomy. No data available on station/habitat.*
Other specifications

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

Maps of species richness in Scandinavia available
Norway: Maps of TOC and other environmental parameters given by Tom Andersen/Sigurd Larsen

On different Scales: Grids of
- lake density, precipitation, air temperature (Global)
- regional grids of Alkalinity, TP, Humic Content (Scandinavia)