



## Metadata

# REBECCA Lakes Phytoplankton

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Visit the Freshwater Metadatabase, [http://data.freshwaterbiodiversity.eu/metadb/about\\_metadata](http://data.freshwaterbiodiversity.eu/metadb/about_metadata)

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### General information

**name of the dataset:**

full 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 vannforskning (NIVA)*  
address: *Gaustadall en 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*  
email: *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.]*

## 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:**

title:

*<http://www.wiser.eu> - Water Bodies in Europe: Integrative Systems to assess Ecological status and Recovery (Version \*\*).*

year:

*Moe et al. Aq Ecol 2008; Ptacnik et al. Aq Ecol 2008.*

version (if applicable):

*year of access*

*version number from website*

**citation of the metadata:**

## General data specifications

### regional coverage of the dataset:

scale of the dataset: *continental*

continents: *Europe*

countries: *Europe: 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 km<sup>2</sup>*

*Calcareous: Ca > 20 mg/L*

## Climate and environmental data

**climate 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, termocline depth, current velocity and substrate composition available.*

## Biological data

### biological data origin:

specify method: *general compilation*  
organism group addressed: *various monitoring Programs (Moe et al)*  
*phytoplankton*

## Sample specifications/sample resolution

### phytoplankton:

#### **sample information:**

covered timeframe:

year from - to: 1988 - 2003

season: *spring, summer, autumn*

#### **taxonomic resolution:** *genus, species*

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.*

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## 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/Siðren Larsen*

*On different Scales: Grids of*

*- lake density, precipitation, air temperature (Global)*

*- regional grids of Alkalinity, TP, Humic Content (Scandinavia)*