



## Metadata

# AlgaTerra Information System

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## General information

### name of the dataset:

full name of the dataset: *AlgaTerra Information System*

dataset short name: *AlgaTerra*

**type of dataset ([more information](#)):** *species/taxa database (e.g. red list database)*

data type: *descriptive data*

short description of the dataset/summary:

*The AlgaTerra Information System available at <<http://www.algaterra.org/>> is an information system for micro algal biodiversity: a synthesis of taxonomic, molecular and ecological information.*

*Scope: Besides names of algae the AlgaTerra Information System is offering evaluated information on their synonyms and their concepts. In addition, it is providing types, taxonomic, morphologic, specimen, picture, molecular and ecological data of mainly non-marine micro algae.*

**science keywords according to [GCMD](#):**

topic: *Biosphere, Biological Classification*

keywords: *Algae, Diatoms, Green algae, Microalgae, Phytoplankton, Phytobenthos, Taxonomic data, Type collections, Molecular data, Ecology*

**ISO topic category according to [ISO 19115](#):**

*Biota*

## Technical and administrative specifications

|  |   |
|--|---|
| <b>data format:</b>  | <i>others/specify</i>   |
| others/details:  | <i>MS SQL Server 2000</i>   |
| <b>operating system:</b>   | <i>Win Server</i>   |
| others/details:  | <i>Win Server 2003</i>  |
| <b>data language:</b>  | <i>English</i>  |
| <b>current access level:</b>   | <i>web (public)</i>   |
| web address (URL):   | <i>http://www.algaterra.org</i>   |
| <b>Do you plan to publish the data on the Freshwater Biodiversity Data Portal:</b> |   |
| web address:   | <i>DB: http://www.algaterra.org; Access point URL: http://ww3.bgbm.org/biocase/pywrapper.cgi?dsa=AlgaterraTypen; Access point URL: http://ww3.bgbm.org/biocase/pywrapper.cgi?dsa=AlgaTerra; Access point URL:http://ww3.bgbm.org/biocase/pywrapper.cgi?dsa=Al</i> |
| others/details:  | <i>Database and Access points</i>   |
| comments:  | <i>no fees</i>  |
| <b>update level:</b>   | <i>continuously updated</i>   |
| <b>documentation:</b>  |   |
| type:  | <i>internal description</i>   |
| language:  | <i>English</i>  |
| others/details:  | <i>http://www.algaterra.org/ATDB/HomeMain.cfm</i>   |
| <b>contact details:</b>  |   |
| metadata contact person:   |   |
| first, last name:  | <i>Regine Jahn</i>  |
| email:   | <i>r.jahn@bgbm.org</i>  |
| institution:   | <i>Botanic Garden and Botanical Museum Berlin-Dahlem, Freie Universitaet Berlin</i>   |
| address:   | <i>Koenigin-Luise-Str. 6-8</i>  |
| postal code, city:   | <i>14195 Berlin</i>   |
| province, state:   | <i>Berlin</i>   |
| country:   | <i>Germany</i>  |
| web address:   | <i>http://www.bgbm.org/</i>   |
| technical contact person:  |   |
| first, last name:  | <i>Anton GÃfÆ'Ã,Ã¼ntsch</i>   |
| email:   | <i>biodiversitydata@bgbm.org</i>  |
| scientific contact person:   |   |
| first, last name:  | <i>Regine Jahn</i>  |
| email:   | <i>r.jahn@bgbm.org</i>  |

## Intellectual property rights and citation

(if the dataset is already published):

**dataset creator (data compiler):**

contact name: *Botanic Garden and Botanical Museum Berlin-Dahlem*

**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.*

**citation of this dataset:**

author(s):

*Jahn, R. & Kusber, W.-H. (eds)*

title:

*AlgaTerra Information System [online]. Botanic Garden and Botanical Museum Berlin-Dahlem, Freie Universität Berlin. Available from <<http://www.algaterra.org>>.*

year:

*2003*

**citation of the metadata:**

**comments:**

*Further references: <http://www.algaterra.org/Publi.htm>*

## **General data specifications**

### **regional coverage of the dataset:**

scale of the dataset: *global*

## **Site specifications**

**coordinate system/grid data:** *latitude/longitude, format:*  
datum (e.g. WGS84): *WGS84*  
grid data available: *no*

**number of sites:** *100 - 1000*

## **Biological data**

**biological data origin:**

specify project: *from sampling*  
*AlgaTerra, GBIF-D*  
*general compilation*

specify method: *Types data from collections, literature*

organism group addressed: *phytoplankton, phytobenthos, (benthic) diatoms, macroalgae*

comments: *The database is mainly non-marine, but not exclusively freshwater.*

## Species related information

### phytoplankton:

#### **taxonomic resolution:**

other taxonomic levels: *infraspecific: subspecies, variety, form*

#### **taxonomic coding:**

taxalist according to: *NCU 3e*

full reference: *Greuter, W., Zimmer, B. & Berendsohn, W.G. (ed.):  
NCU-3e. Names in Current Use for Extant Plant Genera  
electronic version (1.0): <http://www.bgbm.org/iapt/ncu/genera/Default.htm>*

#### **availability of specific ecological/biological information:**

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### phytobenthos:

#### **taxonomic resolution:**

other taxonomic levels: *infraspecific: subspecies, variety, form*

#### **taxonomic coding:**

taxalist according to: *NCU 3e*

full reference: *Greuter, W., Zimmer, B. & Berendsohn, W.G. (ed.):  
NCU-3e. Names in Current Use for Extant Plant Genera  
electronic version (1.0): <http://www.bgbm.org/iapt/ncu/genera/Default.htm>*

#### **availability of specific ecological/biological information:**

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### (benthic) diatoms:

#### **taxonomic resolution:**

other taxonomic levels: *infraspecific: subspecies, varie*

#### **taxonomic coding:**

taxalist according to: *NCU 3e*

full reference: *Greuter, W., Zimmer, B. & Berendsohn, W.G. (ed.):  
NCU-3e. Names in Current Use for Extant Plant Genera  
electronic version (1.0): <http://www.bgbm.org/iapt/ncu/genera/Default.htm>*

#### **availability of specific ecological/biological information:**

comments: *Plus alternative classifications e.g. by Hustedt-collection as of 2003.*

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### macroalgae:

#### **taxonomic resolution:**

other taxonomic levels: *infraspecific: subspecies, varie*

#### **taxonomic coding:**

taxalist according to: *NCU 3e*

full reference: *Greuter, W., Zimmer, B. & Berendsohn, W.G. (ed.):  
NCU-3e. Names in Current Use for Extant Plant Genera  
electronic version (1.0): <http://www.bgbm.org/iapt/ncu/genera/Default.htm>*

#### **availability of specific ecological/biological information:**

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## Other specifications

availability of photos: *yes*

availability of maps: *no*

### quality control procedures:

Were any quality control procedures applied to your dataset?

*yes*

quality control protocols and comments:

*Names check (data entry)*