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:

  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

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

(if the dataset is already published):

**dataset creator (data compiler):**
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:

year: 2003

**citation of the metadata:**
Further references: http://www.algaterra.org/Publi.htm

**comments:**
Further references: http://www.algaterra.org/Publi.htm
Dataset: AlgaTerra Information System

General data specifications

regional coverage of the dataset: global

scale of the dataset: global
Dataset: AlgaTerra Information System

Site specifications

<table>
<thead>
<tr>
<th>coordinate system/grid data:</th>
<th>latitude/longitude, format:</th>
</tr>
</thead>
<tbody>
<tr>
<td>datum (e.g. WGS84):</td>
<td>WGS84</td>
</tr>
<tr>
<td>grid data available:</td>
<td>no</td>
</tr>
</tbody>
</table>

| number of sites:            | 100 - 1000                  |
## Biological data

**biological data origin:** from sampling  
**specify project:** 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:** in infraspecific: subspecies, variety, form
- **taxonomic coding:**
  - taxalist according to: NCU 3e

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

**phytobenthos:**
- **taxonomic resolution:** in infraspecific: subspecies, variety, form
- **taxonomic coding:**
  - taxalist according to: NCU 3e

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

(benthic) diatoms:
- **taxonomic resolution:** in infraspecific: subspecies, variety
- **taxonomic coding:**
  - taxalist according to: NCU 3e

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

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

**macroalgae:**
- **taxonomic resolution:** in infraspecific: subspecies, variety
- **taxonomic coding:**
  - taxalist according to: NCU 3e

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