



Metadata

Plankton net

SUPPORTED BY



Exported from the Freshwater Biodiversity Data Portal, <http://data.freshwaterbiodiversity.eu>
Visit the Freshwater Metadatabase, http://data.freshwaterbiodiversity.eu/metadb/about_metadata

General information

name of the dataset:

full name of the dataset: *Plankton net*
dataset short name: *PLANKTON*NET*

type of dataset ([more information](#)): *species distribution data*

specify: *including image database*
data type: *point data/observation data*

short description of the dataset/summary:

*The PLANKTON*NET data provider at the Alfred Wegener Institute for Polar and Marine Research is an open access repository for plankton-related information. It covers all types of phytoplankton and zooplankton from marine and freshwater areas. PLANKTON*NET's greatest strength is its comprehensiveness as for the different taxa image information as well as taxonomic descriptions can be archived.*

*PLANKTON*NET also contains a glossary with accompanying images to illustrate the term definitions. PLANKTON*NET therefore presents a vital tool for the preservation of historic data sets as well as the archival of current research results.*

*Because interoperability with international biodiversity data providers (e.g. GBIF) is one of our aims, the architecture behind the new planktonnet@awi repository is observation centric and allows for multiple assignment of assets (images, references, animations, etc) to any given observation. In addition, images can be grouped in sets and/or assigned tags to satisfy user-specific needs. Sets (and respective images) of relevance to the scientific community and/or general public have been assigned a persistent digital object identifier (DOI) for the purpose of long-term preservation (e.g. set "Plankton*Net celebrates 50 years of Roman Treaties", handle: 10013/de.awi.planktonnet.set.495)*

science keywords according to [GCMD](#):

topic: *Biosphere, Biological Classification*
keywords: *plankton, phytoplankton, zooplankton, marine, freshwater, photographs, taxonomic data, occurrence data*

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

Biota, Inland Waters

Technical and administrative specifications

data format: *MySQL*
operating system: *all operating systems*
data language: *English*
current access level: *web (public)*
web address (URL): *http://planktonnet.awi.de/*
currently available through [GBIF](#): *yes*
update level: *continuously updated*
documentation:
type: *manual*
language: *English*

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

media for data delivery: *online internet (HTTP)*
web address: *http://planktonnet.awi.de/*

contact details:

metadata contact person:
first, last name: *Alexandra Kraberg*
phone: *+49(4725)819-3237*
email: *Alexandra.Kraberg@awi.de*
institution: *Alfred Wegener Institute*
address: *Kurpromenade (Building C-33)*
postal code, city: *D-27498 Helgoland*
country: *Germany*
web address: *http://www.awi-bremerhaven.de/*

technical contact person:
scientific contact person:
first, last name: *Alexandra Kraberg*

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:

Individual planktonnet datasets have different copyright statements, according to the wishes of the data providers.

However we aim to publish all data under a non-commercial creative commons licence. All images published under a ccl can be used provided that planktonnet and the image author are cited.

For books that have a scientific or educational remit we can also allow use of our images. Decisions are made by the administrators on a one by one basis.

citation of this dataset:

title:

*Plankton*Net Data Provider at the Alfred Wegener Insitute for Polar and Marine Research. hdl: 10013/de.awi.planktonnet. (Version **).*

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: *global*

continents: *North America, South America, Asia, Europe, Oceania*

spatial extend (bounding coordinates):

southernmost latitude [°]: *-35.0434611*

northernmost latitude [°]: *79.20430943*

westernmost longitude [°]: *-171.672363*

easternmost longitude [°]: *168.214375*

countries: *North America: Mexico, United States*

South America: Brazil, Chile

Asia: Hong Kong, Indonesia, Israel

Europe: France, Germany, Italy, Poland, Portugal, United Kingdom

Oceania: Australia, Samoa

comments:

Database covers both marine and freshwater plankton species.

Site specifications

coordinate system/grid data:	<i>latitude/longitude, format: DMS</i>
comments:	<i>Data can be recorded in pn using DMS, DM as well as DD format.</i>
number of sites:	<i>100 - 1000</i>
exact number of sites:	<i>200</i>

Biological data

biological data origin:

specify project:

from sampling

different monitoring programmes and expeditions by AWI and external data providers

organism group addressed:

zooplankton (Cladocera), phytoplankton, (benthic) diatoms

Sample resolution

zooplankton:

taxonomic resolution: *species*

taxonomic coding:

phytoplankton:

taxonomic resolution: *species*

taxonomic coding:

(benthic) diatoms:

taxonomic resolution: *species*

taxonomic coding:

Other specifications

availability of photos: yes
availability of maps: yes
quality control procedures: