



Metadata

Diatoms and Other Algae: The ANSP Algae Image Database

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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: *Diatoms and Other Algae: The ANSP Algae Image Database*

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

specify: *image database*

short description of the dataset/summary:

The ANSP Algae Image Database contains light micrograph images of diatom taxa from rivers throughout the USA. Many taxa are represented. There are multiple images of several to help represent within-taxon variability. The images were made primarily by ANSP Patrick Center Phycology Section staff as part of their routine analysis of algal samples.

Purposes of the database are to:

*provide a set of reference images for ANSP algal analysts and collaborators to help them maintain consistency in taxonomic identifications
help document names of taxa used in papers and reports by providing easy access to representative images
make images available to other phycologists as a resource to help with identifications*

The set of images available here is not meant to be comprehensive or to be taxonomically definitive, but only to show representative specimens that can be used to supplement image resources in the published taxonomic literature. Read the documentation to learn more about the database and how to search for and view images. More images will be added on a regular basis.

science keywords according to [GCMD](#):

topic: *Biosphere, Biological Classification*

keywords: *Diatoms, phytobenthos, phytoplankton, microalgae, USA, images, photographs*

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

Biota, Inland Waters

Technical and administrative specifications

current access level: *web (public)*
web address (URL): *http://diatom.ansp.org/algae_image/*

documentation:

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

media for data delivery: *online internet (HTTP)*
web address: *http://diatom.ansp.org/algae_image/*

contact details:

metadata contact person:
first, last name: *Don Charles*
email: *charles@ansp.org*
institution: *The Academy of Natural Sciences*
address: *1900 Benjamin Franklin Parkway*
postal code, city: *PA 19103 Philadelphia*
province, state: *Philadelphia*
country: *USA*

technical contact person:

scientific contact person:

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:

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):

The Academy of Natural Sciences

title:

ANSP Algae Image Database from the Phycology Section, Patrick Center for Environmental Research, The Academy of Natural Sciences at <http://diatom.acnatsci.org/AlgaeImage/>

citation of the metadata:

General data specifications

regional coverage of the dataset:

scale of the dataset:	<i>continental</i>
continents:	<i>North America</i>
countries:	<i>North America: United States</i>

Site specifications

coordinate system/grid data:

Biological data

biological data origin:

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

Species related information

phytoplankton:

taxonomic resolution: *species*

taxonomic coding:

availability of specific ecological/biological information:

phytobenthos:

taxonomic resolution: *species*

taxonomic coding:

availability of specific ecological/biological information:

(benthic) diatoms:

taxonomic resolution: *species*

taxonomic coding:

availability of specific ecological/biological information:

Other specifications

availability of photos: yes

quality control procedures: