



Metadata

Diatom and Non-diatom (Soft-algae) Taxa Names

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General information

name of the dataset:

full name of the dataset: *Diatom and Non-diatom (Soft-algae) Taxa Names*

dataset short name: *Diatom and Non diatom Soft algae Taxa Names*

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

short description of the dataset/summary:

Sets of names used for analysis of algal samples in the USGS NAWQA, EPA NARS, and ANSP projects

A common set of names is important for maximizing taxonomic consistency among analysts and comparability among datasets. Academy phycologists and collaborators, with support from the USGS, US EPA, and several state agencies, have developed and maintained a set of taxa names for use in agency sponsored projects and elsewhere. The current set of names (2011) has evolved from initial sets over the past 15-20 years. Many phycologists at several institutions have contributed to expanding and updating the names. Much of this work was supported by the USGS and documented in USGS NAWQA Workshop reports.

The first set of names, or ?taxonomic systems?, was developed in 1994. Names have been updated about every 3 years, typically as part of USGS NAWQA taxonomic workshops.

science keywords according to [GCMD](#):

topic: *Biosphere, Biological Classification*

keywords: *Diatom, microalgae, phytoplankton, phytobenthos, taxa list*

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/nawqa/Taxalist.aspx*
update level: *continuously updated*
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/nawqa/Taxalist.aspx*
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):

Academy of Natural Sciences and collaborators

title:

2011 - present year. ANSP/NAWQA/EPA 2011 diatom and non-diatom taxa names. Names of algae taxa used beginning August 2011 for analysis of samples collected by USGS NAWQA, EPA NARS, and ANSP PCER projects. Phycology Section, Patrick Center for Environmental Research, Academy of Natural Sciences, Philadelphia, PA. Retrieved [date] from the Taxa names page at <http://diatom.ansp.org/nawqa/Taxalist.aspx>.

year:

2011

version (if applicable):

2011

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

quality control procedures: