General information

name of the dataset:

    full name of the dataset: *Catalogue of Diatom Names*

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

    data type: *descriptive data*

    short description of the dataset/summary:

Catalogue of Diatom names available at:

http://researcharchive.calacademy.org/research/diatoms/names/

The Catalogue of Diatom Names is a relational database of diatom names and publications, compiled by staff at the California Academy of Sciences. It includes a table of genus names, a table of species and infraspecific taxa names, and a table of publications. We have recorded basic nomenclatural information for each name such as authorship, place and date of publication, and nomenclatural status. We have personally verified over 50% of the entries.

science keywords according to GCMD**:**

    topic: *Biological Classification*

    keywords: *Diatoms, Bacillariophyta, Names database, Taxalist*

ISO topic category according to ISO 19115**:**

Biota

Technical and administrative specifications

data language:	*English*
current access level:	*web (public)*
web address (URL):	*http://researcharchive.calacademy.org/research/diatoms/names/*
update level:	*continously updated*
documentation:	
type:	*others/specify*
language:	*English*

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

contact details:

metadata contact person:	
first, last name:	*Elisabeth Fourtanier*
email:	*efourtanier@calacademy.org*
technical contact person:	
scientific contact person:	
first, last name:	*Elisabeth Fourtanier*
email:	*efourtanier@calacademy.org*
comments:	*[This entry is currently filled by the BioFresh team by visiting the site and needs to be validated by one of the data holders.]*

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): *Fourtanier, Elisabeth & Kociolek, J. Patrick*

title: *Catalogue of Diatom Names, California Academy of Sciences, On-line Version updated dd mmm yyyy.*

Available online at

http://research.calacademy.org/research/diatoms/names/index.asp

year: *year of access*

version (if applicable): *version number from website*

citation of the metadata:

General data specifications

regional coverage of the dataset:

Site specifications

coordinate system/grid data:

Biological data

biological data origin:

organism group addressed: *(benthic) diatoms*
    comments: *All diatoms (not restricted to benthic diatoms). Includes: marine, freshwater, living and fossil diatoms.*

biological data origin:

Species related information

<u>(benthic) diatoms:</u>

taxonomic resolution: *genus, species, other*
   other taxonomic levels: *subspecies, variety, form*
taxonomic coding:
availability of specific ecological/biological information:

<u>(benthic) diatoms:</u>

taxonomic resolution:

Other specifications

quality control procedures: