



## Metadata

### Friedrich Hustedt Diatom Study Centre

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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](http://data.freshwaterbiodiversity.eu/metadb/about_metadata)

#### General information

##### name of the dataset:

full name of the dataset: *Friedrich Hustedt Diatom Study Centre*  
dataset short name: *BRM*

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

specify: *material, specimen and literature database*  
data type: *descriptive data*

short description of the dataset/summary:

*Diatom database available at:  
<http://web-apps.awi.de/Hustedt-Diatoms/Curator/> (an older interface is still online under  
<http://diatomwebserver.awi.de/fmi/iwp/cgi?-db=WebStart&-loadframes>, but only for limited time)*

*Further information available under <http://www.awi.de/en/go/hustedt>.*

*The database has been developed around the collection of Friedrich Hustedt, and focuses on the three elements: material, specimens and publications. All specimen information for the collection is complete but some data concerning other material/slides from Europe has not yet been entered. Data is also complete concerning type specimens deposited by other authors since the establishment of the collection.*

*Specimens are entered as those appearing on the slides although in some cases, subsequent names are given under  $i\frac{1}{2}$ comments $i\frac{1}{2}$ . The database also has a complete entry of all of the publications held at the centre (now more than 6,500).*

*The database is designed to be versatile and workers are encouraged to explore the possibilities for searching via alternative pathways when familiar with the basic principles outlined on the help page.*

##### science keywords according to [GCMD](#):

topic: *Biological Classification*  
keywords: *Diatoms, Bacillariophyta, collection, type specimens, taxonomy, Hustedt, BRM*

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

*Biota*

## Technical and administrative specifications

<b>data format:</b>	<i>others/specify</i>
others/details:	<i>FileMaker Pro</i>
<b>operating system:</b>	<i>Apple Mac</i>
others/details:	<i>FileMaker also runs on Windows PCs</i>
<b>data language:</b>	<i>English</i>
specify:	<i>and German for some locality descriptions</i>
<b>current access level:</b>	<i>web (public)</i>
web address (URL):	<i>http://web-apps.awi.de/Hustedt-Diatoms/Curator/</i>
currently available through <a href="#">GBIF</a> :	<i>no</i>
exchange planned:	
comments:	<i>no info available, but cannot be found in GBIF</i>
<b>update level:</b>	<i>continuously updated</i>
<b>documentation:</b>	
type:	<i>others/specify</i>
language:	<i>English</i>
others/details:	<i>Help pages on website:</i> <i>http://diatomwebserver.awi.de/fmi/iwp/cgi?-db=WebStart&amp;-loadframes</i>

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

#### contact details:

##### metadata contact person:

first, last name: *Bank Beszteri*  
phone: *+49-471-4831-1530*  
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##### technical contact person:

first, last name: *Friedel Hinz*  
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##### scientific contact person:

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#### comments:

*This entry was originally filled by the BioFresh team by visiting the site [aaike.dewever@naturalsciences.be] and was modified by B. Beszteri, curator of the Hustedt Collection, on 18.03.2011 (bank.beszteri@awi.de)*

## Intellectual property rights and citation

(if the database is already published):

**dataset creator (data compiler):**

contact email: *bank.beszteri@awi.de*

**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:**

title: *http://www.awi.de/en/go/hustedt - The Friedrich Hustedt Diatom Study Centre (Version \*\*).*

*http://web-apps.awi.de/Hustedt-Diatoms/Curator/ - The Database (Version \*\*).*

year: *year of access*

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

**citation of the metadata:**

**comments:** *for the moment, we do not have a possibility to provide data in other forms beyond the public web interface*

## General data specifications

### regional coverage of the dataset:

#### comments:

*start date approximate; end date open as the collection is continuously expanding. Geographic coverage is global, freshwater and marine habitats from all over the world. Additionally, fossil samples are also included.*

*We hope in the near future be able to provide more information on geographic coverage (as point data). The database is mostly georeferenced using the Marsden system, so for the moment, we could deliver information on the distribution of our accessions across Marsden squares (see [http://www.awi.de/en/research/research\\_divisions/biosciences/polar\\_biological\\_oceanography/diatom\\_centre/database/georeferencing/](http://www.awi.de/en/research/research_divisions/biosciences/polar_biological_oceanography/diatom_centre/database/georeferencing/) for more details)*

## Site specifications

coordinate system/grid data:

## Biological data

### biological data origin:

organism group addressed: *(benthic) diatoms*  
comments: *... and all other life forms of diatoms*

## Species related information

(benthic) diatoms:

**taxonomic resolution:**

*species*

comments:

*Usually species level identification is available. Identifications are linked to authors, which represents our reference to a taxonomic system*

*The taxonomic classifications we use are of those authors who described the taxa concerned, so there is no single consistent taxonomy behind the names in our database. In several cases, the names themselves do not reflect most up-to-date taxonomic classifications.*

**taxonomic coding:**

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

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## **Other specifications**

**quality control procedures:**