



# Metadata

## Fish Occurrence Database of the Family Aphaniidae

SUPPORTED BY



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: *Fish Occurrence Database of the Family Aphaniidae*

full name of the dataset (original/national language):

*Fish Occurrence Database of the Family Aphaniidae*

dataset short name:

*Fish Database Family Aphaniidae*

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

specify: *occurrence data*

data type: *point data/observation data*

short description of the dataset/summary:

*The database contains 1064 geo-referenced distribution data of fish species of all genera within the family Aphaniidae. The data has been partially downloaded from GBIF, and has been quality checked and is now being uploaded again by providing additional data from published scientific and grey literature as well as from site scale records.*

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

topic: *Biosphere, Biological Classification*

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

*Biota, Geoscientific Information, Inland Waters, Location*

#### INSPIRE keywords according to [GEMET](#):

*Species distribution*

#### own science keywords:

*Aphaniidae, taxonomy, site records, GBIF*

## Technical and administrative specifications

**data format:** *Excel*  
 others/details: *type of file: Microsoft Excel worksheet (.xlsx)*  
**operating system:** *all Windows systems*  
**data language:** *English*  
**current access level:** *internal*  
 currently available through [GBIF](#): *yes*  
 exchange planned: *yes*  
 data in data repository: *no*

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

*yes*

**update level:** *continuously updated*

### documentation:

type: *manual*  
 language: *English*  
 specify: *The dataset in Excel is in English.*

### contact details:

#### metadata contact person:

first, last name: *Baran Yogurtcuoglu*  
 phone: *+90-0-312-297-8039*  
 email: *yokbaran@gmail.com*  
 institution: *Hacettepe University*  
 address: *Department of Biology, Beytepe*  
 postal code, city: *06800 Ankara*  
 province, state: *Çankaya*  
 country: *Turkey*  
 web address: [http://www.biology.hacettepe.edu.tr/tr/doc\\_dr\\_baran\\_yogurtcuoglu-96](http://www.biology.hacettepe.edu.tr/tr/doc_dr_baran_yogurtcuoglu-96)

#### technical contact person:

first, last name: *Baran Yogurtcuoglu*  
 phone: *+90-0-312-297-8039*  
 email: *yokbaran@gmail.com*

#### scientific contact person:

first, last name: *Baran Yogurtcuoglu*  
 phone: *+90-0-312-297-8039*  
 email: *yokbaran@gmail.com*

## Intellectual property rights and citation

(if the dataset is already published):

### dataset creator (data compiler):

contact name: *Baran Yogurtcuoglu*  
 contact email: *yokbaran@gmail.com*  
 contact institution: *Hacettepe University*

### data contributors to/owners of this dataset:

number: *multiple*  
 number: *2*

### provider 1:

provider institute: *Hacettepe University*  
 contact name:  
 contact email: *yokbaran@gmail.com*  
 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 dataset creator/data contributors must be informed prior to publication. Data must be acknowledged and cited correctly.*

### provider 2:

provider institute: *Museum fuer Naturkunde*  
 contact name:  
 contact email: *Joerg.Freyhof@mfn.berlin*  
 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 dataset creator/data contributors must be informed prior to publication. Data must be acknowledged and cited correctly.*

### citation of this dataset:

author(s): *Yogurtcuoglu, B. & Freyhof, J.*  
 title and journal (name, number, pages):

*Fish Occurrence Database of the Family Aphaniidae. Published to GBIF via the BioFresh IPT.*

year: *2020*

doi (if applicable): <https://doi.org/10.15468/mqbnga>

### citation of the metadata:

author(s): *Yogurtcuoglu, B. & Freyhof, J.*

title and journal (name, number, pages):

*Fish Occurrence Database of the Family Aphaniidae. Freshwater Metadata Journal 0: 0-0*

year: *0000*

doi (if applicable): <https://doi.org/10.15504/fmj.0000.0>

## General data specifications

### regional coverage of the dataset:

spatial extent of the dataset: *global*

continents: *Africa, Asia, Europe*

### spatial extent (bounding coordinates):

southernmost latitude [°]: *7.966667*

northernmost latitude [°]: *45.7833333*

westernmost longitude [°]: *-6.9671360*

easternmost longitude [°]: *69.7174000*

countries: *Africa: Algeria, Djibouti, Egypt, Eritrea, Ethiopia, Libya, Morocco, Somalia, Sudan, Tunisia, Somaliland*

*Asia: Bahrain, Cyprus, India, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Palestinian territories, Saudi Arabia, Syria, Turkey, United Arab Emirates, Yemen*

*Europe: Albania, Croatia, France, Greece, Italy, Malta, Montenegro, Slovenia, Spain*

freshwater ecoregions of the world (FEOW) according to [WWF](#):

*Africa: Dry Sahel, Ethiopian Highlands, Horn of Africa, Lower Nile, Mediterranean Northwest Africa, Nile Delta, Northern Eastern Rift, Sahara, Western Red Sea Drainages*

*Asia: Baluchistan, Lower & Middle Indus*

*Europe: Aegean Drainages, Arabian Interior, Atlantic Northwest Africa, Caspian Highlands, Central Anatolia, Coastal Levant, Dalmatia, Eastern Iberia, Esfahan, Gulf of Venice Drainages, Ionian Drainages, Italian Peninsula & Islands, Jordan River, Kavir & Lut Deserts, Lower Tigris & Euphrates, Namak, Northern Anatolia, Northern Hormuz Drainages, Oman Mountains, Orontes, Orumiyeh, Sinai, Southern Anatolia, Southern Iberia, Southwestern Arabian Coast, Thrace, Upper Tigris & Euphrates, Vardar, Western Anatolia*

**ecosystem type:** *rivers, lakes/ponds, wetlands, general freshwater, coastal areas*

**coverage timeframe:** *1877*

year to: *2020*

**comments:** *there are also records without date*

---

## Site specifications

**coordinate system/grid data:** *latitude/longitude, format: DD*  
datum (e.g. WGS84): *WGS84*  
grid data available: *no*

**number of sites:** *100 - 1000*

---

## Biological data

**biological data origin:** *from sampling,*  
specify project: *international & national projects*  
*general compilation,*  
specify method: *literature survey*  
comments: *Some of the data that come from sampling have been collected by national and international projects that were funded by ministries, research institutes or universities.*

organism group addressed: *fish*

---

## Sample resolution

fish:

### taxonomic resolution:

percentage of species level data: 100

### taxonomic coding:

taxalist according to: *Freyhof & Yogurtcuoglu (2020)*

citation: *Freyhof, J. & Yogurtcuoglu, B. (2020): A proposal for a new generic structure of the killifish family Aphaniidae with the description of *Aphaniops teimorii* (Teleostei: Cyprinodontiformes). *Zootaxa* (in press).*

---

### sample specifications:

---

## Other specifications

### GIS layers, shape files related to the dataset:

*no data available*

### availability of maps:

yes

### quality control procedures:

Were any quality control procedures applied to your dataset?

yes

quality control protocols and comments:

*Many of the occurrence data were controlled by the barcoding results of Geiger et al. (2014) as well as our own unpublished molecular data.*

reference(s):

*Geiger, M.F., Herder, F., Monaghan, M.T., Almada, V., Barbieri, R., Bariche, M., Berrebi, P., Bohlen, J., Casal-Lopez, M., Delmastro, G.B., Denys, G.P.J., Dettai, A., Doadrio, I., Kalogianni, E., Kärst, H., Kottelat, M., Kovacic, M., Laporte, M., Lorenzoni, M., Marcic, Z., Özulug, M., Perdices, A., Perea, S., Persat, H., Porcelotti, S., Puzzi, C., Robalo, J., Sanda, R., Schneider, M., Slechtova, V., Stoumboudi, M., Walter, S. & Freyhof, J. (2014): Spatial heterogeneity in the Mediterranean Biodiversity Hotspot affects barcoding accuracy of its freshwater fishes. *Molecular Ecology Resources* 14, 1210-1221.*