



Metadata

Stygofauna Mundi

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General information

database entry ID: *BF_DIG2*

name of the database:

full name of the database: *Stygofauna Mundi*

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

data type: *descriptive data*

short description of the database/summary:

The Stygofauna Mundi database is an Access database gathering all the information on groundwater crustacean species distribution contained in 36 chapters of Botosaneanu L. (1986). These chapters were digitised in the framework of the EU FP7 BioFresh project.

Botosaneanu L. (1986). Stygofauna Mundi. A faunistic, distributional, and ecological synthesis of the world fauna inhabiting subterranean waters (including the Marine Interstitial). Leiden E.J. BRILL. The Netherlands. 740 pages.

science keywords according to [GCMD](#):

topic: *Biosphere, Biological Classification*

keywords: *Crustacea, groundwater, world, Isopoda, Spelaeogriphacea, Amphipoda, Thermosbaenacea, Decapoda*

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

Biota, Inland Waters

Technical and administrative specifications

data format: Access
operating system: Win XP
data language: others/specify
specify: Multiple languages: English, French
current access level: others/specify
currently available through [GBIF](#): no
exchange planned: no
comments: The data base can be obtained from:

- F. Malard: florian.malard@univ-lyon1.fr
- N. Bailly: N.BAILLY@CGIAR.ORG

update level: completed
Do you plan to update the database during BioFresh (before 4/2014)?
no

documentation:

delivery of the database for the BioFresh data portal:

media: e-mail
size: 6000 kb
format: Database file (e.g. mdb, dbf)

contact details:

meta data contact:

first, last name: Florian Malard
phone: 00 33 4 72 43 15 61
email: florian.malard@univ-lyon1.fr

technical contact person:

first, last name: Nicolas Bailly
email: N.BAILLY@CGIAR.ORG

scientific contact person:

first, last name: Florian Malard
phone: 00 33 4 72 43 15 61
email: florian.malard@univ-lyon1.fr

institution:

name: Université Claude Bernard Lyon 1
address: 43, Bd du 11 Novembre 1918
postal code, city: 69622 Villeurbanne
country: FRANCE
web address: <http://umr5023.univ-lyon1.fr/>

comments: Taxonomy and nomenclature reflect the ones used in the original book and were not updated in this database.

Intellectual property rights and citation

database owner: *BioFresh project partner*

contact details: *florian.malard@univ-lyon1.fr*

citation:

author(s): *F. Malard and N. Bailly*

reference title: *A faunistic, distributional, and ecological synthesis of the world crustacean fauna inhabiting subterranean waters.*

year: *2012*

database related references: *Botosaneanu L. (1986). Stygofauna Mundi. A faunistic, distributional, and ecological synthesis of the world fauna inhabiting subterranean waters (including the Marine Interstitial). Leiden E.J. BRILL. The Netherlands. 740 pages.*

data provider(s) to this database: *single*

number: *1*

database availability for: *BioFresh scientific purposes, BioFresh data portal (public)*

criteria for using the data in a publication/scientific analysis: *Data can be used without restrictions, but must be publicly acknowledged and cited correctly.*

Other/Additional criteria: *This work is licensed under a Creative Commons CCZero 1.0 License <http://creativecommons.org/publicdomain/zero/1.0/legalcode> and available according to the community norms at <http://www.canadensys.net/norms>*

General data specifications

regional coverage of the database:

scale of the database:

global

continents:

Africa, North America, South America, Asia, Europe, Oceania

country distribution

other distribution data

specify:

Ecoregions according to Botosaneanu 1986

comments:

Worldwide coverage, self-defined ecoregion system available with dataset (shapefile).

Site specifications

coordinate system/grid data: \hat{A}
number of sites: *100 - 1000*

Biological data

biological data origin:

specify method: *general compilation*
organism group addressed: *Data from Botosaneanu, 1986*
comments: *macro invertebrates, zooplankton*
Isopoda, Spelaeogriphacea, Amphipoda, Thermosbaenacea, Decapoda.

Sample resolution

macro invertebrates:

taxonomic resolution: *species, other*

other taxonomic levels: *subspecies*

percentage of species level data: *99*

taxonomic coding:

zooplankton:

taxonomic resolution: *species*

percentage of species level data: *99*

taxonomic coding:

Other specifications

GIS layers, shapes related to the database:

	<i>others/specify</i>
others (specify):	<i>Shape file of the ecoregions used for species distribution data</i>
availability of photos:	<i>no</i>
availability of maps:	<i>no</i>
quality control procedures:	
quality control protocols and comments:	<i>All species names were reviewed in order to avoid any typos, country names were standardised and consistency checks (e.g. for countries vs. ecoregion) were performed.</i>