General information

name of the dataset:

    full name of the dataset: *Stygofauna Mundi*

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

    data type: *descriptive data*

    short description of the dataset/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*
documentation:	
Do you plan to publish the data on the Freshwater Biodiversity data portal:	
media for data delivery:	*e-mail*
contact details:	
metadata contact person:	
first, last name:	*Florian Malard*
phone:	*00 33 4 72 43 15 61*
email:	*florian.malard@univ-lyon1.fr*
institution:	*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/*
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*
comments:	*Taxonomy and nomenclature reflect the ones used in the original book and were not updated in this database.*

Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):

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

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.

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*

citation of this dataset:

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

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

year: *2012*

citation of the metadata:

General data specifications

regional coverage of the dataset:

scale of the dataset:	*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:
number of sites: *100 - 1000*

Biological data

biological data origin:

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

general compilation

Sample resolution

<u>macro-invertebrates:</u>

taxonomic resolution:	*species, other*
other taxonomic levels:	*subspecies*
percentage of species level data:	*99*

taxonomic coding:

<u>zooplankton:</u>

taxonomic resolution:	*species*
percentage of species level data:	*99*

taxonomic coding:

Other specifications

GIS layers, shapes related to the dataset:

	others/specify
others (specify):	*Shape file of the ecoregions used for species distribution data*

availability of photos: *no*

availability of maps: *no*

quality control procedures:

quality control protocols and comments:

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.