



Metadata

Indian Ocean Islands - Historic Freshwater Insect Data

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General information

name of the dataset:

full name of the dataset: *Indian Ocean Islands - Historic Freshwater Insect Data*
dataset short name: *IOI - Historic freshwater EPT data*

type of dataset ([more information](#)): *museum collection data (historical data)*

specify: *Occurrence records: museums/literature*

data type: *point data/observation data*

short description of the dataset/summary:

The data collection includes species occurrence records of freshwater aquatic insect taxa, namely EPT (Ephemeroptera, Plecoptera, Trichoptera) from the Indian Ocean Islands (Madagascar, Mauritius, Seychelles). The species records have been collated from existing historical museum records and collections as well as from published scientific literature sources.

The data set is a work in progress and more data will be added to it over time. The focus initially will be on Madagascar, followed by the smaller islands in no particular order.

keywords according to [GCMD](#):

topic: *Biosphere, Climate Indicators*

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

Biota, Environment, Inland Waters

INSPIRE keywords according to [GEMET](#):

Environmental monitoring facilities

own science keywords:

Aquatic Ecology, Freshwater, EPT, Mayflies, Stoneflies, Caddisflies, Aquatic Ecosystem

related project:

GBIF-BID-AF2017-0306-NAC: The Forgotten African Islands - Addressing the gap in freshwater biodiversity knowledge for the Indian Ocean Islands.

funding:

This project is funded by the European Union through the Global Biodiversity Information Facility (GBIF) and its Biodiversity Information for Development (BID) Programme.

Technical and administrative specifications

data format: *Excel*
operating system: *all operating systems*
data language: *English*
current access level: *web (public)*
 currently available through [GBIF](#): *yes*
 exchange planned: *yes*
 data in data repository: *yes*
 specify repository: *Parts of the data are already published through GBIF.*

Do you plan to publish the data on the Freshwater Biodiversity Data Portal:
already published through the Freshwater Biodiversity Data Portal
update level: *continuously updated*

documentation:
 type: *internal description*
 language: *English*

contact details:

metadata contact person:
 first, last name: *Vere Ross-Gillespie*
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 country: *South Africa*
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technical contact person:
 first, last name: *Astrid Schmidt-Kloiber*
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scientific contact person:
 first, last name: *Miasa Eustache*
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comments: *For scientific queries Dr Miasa Eustache or Dr Vere Ross-Gillespie can be contacted.*

Intellectual property rights and citation

dataset publisher (if already published): *BioFresh (through Astrid Schmidt-Kloiber)*

dataset creator (data compiler):

contact name: *Dr Vere Ross-Gillespie*
 contact email: *vere@groundtruth.co.za*
 contact institution: *GroundTruth*

data contributors to/owners of this dataset:

number: *multiple*
 4

provider 1:

provider institute: *GroundTruth*
 contact name: *Dr Vere Ross-Gillespie*
 contact email: *vere@groundtruth.co.za*
 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.

provider 2:

provider institute: *Natural History Museum-London*
 contact name: *Dr Lyndall Pereira-Da-Conceicoa*
 contact email: *l.pereira@nhm.ac.uk or lyndall.pereira@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 must be acknowledged and cited correctly.

provider 3:

provider institute: *Natural History Museum-London*
 contact name: *Dr Benjamin Price*
 contact email: *b.price@nhm.ac.uk*
 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.

provider 4:

provider institute: *Cantonal Museum of Zoology Lausanne*
 contact name: *Dr Michel Sartori*
 contact email: *michel.sartori@vd.ch*
 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): *Ross-Gillespie, V., Pereira-Da-Conceicoa, L., Price, B., Sartori, M., Eustache, M., Hampson, P. and Schmidt-Kloiber, A.*

title and journal (name, number, pages):

Historical Freshwater Aquatic Insect Taxa (EPT) and Diatoms from the Indian Ocean Islands.

year: *2018*

version (if applicable): *Published on 30 May 2018*

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

citation of the metadata:

author(s):

General data specifications

regional coverage of the dataset:

spatial extent of the dataset: *regional*
continents: *Africa*
countries: *Africa: Madagascar, Mauritius, Seychelles*

world climatic regions according to [Köppen](#):

Group A: tropical/megathermal climates

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

Africa: Madagascar Eastern Highlands, Madagascar Eastern Lowlands, Northwestern Madagascar, Seychelles, Southern Madagascar, Western Madagascar

ecosystem type:

rivers, general freshwater

coverage timeframe:

1948

year to:

2014

Site specifications

coordinate system/grid data:	<i>latitude/longitude projected</i>
datum (e.g. WGS84):	<i>WGS84</i>
grid data available:	<i>no</i>
site coding available:	<i>no</i>
number of sites:	<i>100 - 1000</i>

Biological data

biological data origin:

specify project:

general compilation,

specify method:

Occurrence data collated from museum records and published scientific literature

organism group addressed:

macro-invertebrates (Ephemeroptera, Plecoptera, Trichoptera)

Species related information

macro-invertebrates:

taxonomic resolution:

percentage of species level data: 95

taxonomic coding:

taxalist according to: *no coding used*

availability of specific ecological/biological information:

Other specifications

availability of photos: *no*

availability of maps: *no*

quality control procedures:

Were any quality control procedures applied to your dataset?

yes

quality control protocols and comments:

Taxonomic experts in their respective fields have verified the species level data and distribution records that have been published. Lat/Long coordinates have been error checked and cleaned.