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:

data type: Occurrence records: museums/literature

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


total 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: Vere Ross-Gillespie
first, last name: Vere Ross-Gillespie
phone: +27 33 343 2229
email: vere@groundtruth.co.za
institution: GroundTruth
address: 9 Quarry Road Hilton
postal code, city: 3245 Hilton, Pietermaritzburg
province, state: KwaZulu-Natal
country: South Africa
web address: www.groundtruth.co.za

technical contact person: Astrid Schmidt-Kloiber
first, last name: Astrid Schmidt-Kloiber
phone: +43 1 47654 81225
email: astrid.schmidt-kloiber@boku.ac.at

scientific contact person: Miasa Eustache
first, last name: Miasa Eustache
phone: +261 321198116
email: miasaeustache@gmail.com

comments: For scientific queries Dr Miasa Eustache or Dr Vere Ross-Gillespie can be contacted.
Intellectual property rights and citation

dataset publisher: 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

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

covered timeframe:
    year from: 1948
    year to: 2014
Site specifications

**coordinate system/grid data:**
- *latitude/longitude*
- *projected*

**datum (e.g. WGS84):**
- *WGS84*

**grid data available:**
- *no*

**site coding available:**
- *no*

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