



Technical and Human infrastructure for Open Research

Permanent IDentifiers in OpenBioMaps (an open conservation and research data management system)

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&

OpenBioMaps
database framework

PIDs in Biodiversity Research

- Scientific species names
- Data => observation data
- Data sources
- Researchers / Observers

General features

- WEB interface
 - upload data
 - query data
 - show data (maps)
 - share data
- API interface
- PID

Permanent Identifiers

Provide:

- Databases
- Datasets

Use:

- DOI
- ORCID

<http://dinpi.openbiomaps.org/projects/dinpi/?metadata>

An OpenBioMaps server which host online databases

database name

Database DOI

DataCite DOI metadata page for dinpi

Identifier

DOI: NOT REGISTERED YET 10.18426/OBM.23mj4em6bca0

Creators

Bérces Sándor

Titles

dinpi

Publisher

OpenBioMaps Consortium

Publication Year

2012 aug. 21.

Subject

DINPI local database

Contributors

Type: Data Manager

Name: Mocskonyi Zsófia

Affiliation: Duna-Ipoly Nemzeti Park Ig. mocskonyizs@dinpi.hu

Type: Data Manager

Name: Bérces Sándor



Database DOI

DataCite DOI metadata page for dinpi

Name: Bérces Sándor

Affiliation: Duna-Ipoly Nemzeti Park bercess@gmail.com

Identifier:

Identifier Scheme: ORCID

Scheme URI: <http://orcid.org/>

Identifier: 0000-0003-2920-8756

Dates

Accepted: 2017 jun. 01.

Languages

Hungarian

English

Resource Type

Dataset / SQL

Alternate Identifier

URL: <http://dinpi.openbiomaps.org/projects/dinpi>

Sizes

4 tables

3433004 rows



Database DOI

DataCite DOI metadata page for dinpi

4 tables

3433004 rows

Rights

Rights:

URI:

Description

Abstract:

A Duna-Ipoly National Park Directorate's (DINPI) species occurrences database

Other:

GEO Projection (epsg): 4326

PostGIS geometry type: point

OBM openness class: 0--

URI: http://openbiomaps.org/obwiki/index.php/FAQ:_RUM



DOI for a dataset

- 1) Creating a complex SQL query
- 2) PUT it into OpenBioMaps as a repeatable query
- 3) Execute the stored query
- 4) Save the results with label -> give local PID
- 5) Assign DOI for this local PID

A simple but long SQL Query

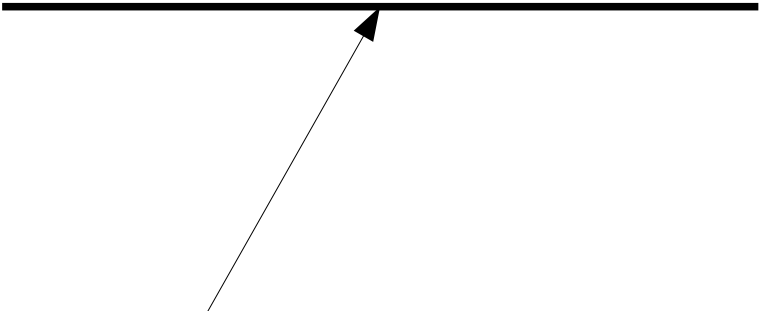
```
"faj" LIKE 'Calopteryx%' OR "faj" LIKE 'Agrion%' OR "faj" LIKE 'Lestes  
%' OR "faj" LIKE 'Chalcolestes%' OR "faj" LIKE 'Sympecma%' OR  
"faj" LIKE 'Coenagrion%' OR "faj" LIKE 'Erythromma%' OR "faj" LIKE  
'Ischnura%' OR "faj" LIKE 'Enallagma%' OR "faj" LIKE 'Pyrrhosoma%'  
OR "faj" LIKE 'Platycnemis%' OR "faj" LIKE 'Aeshna%' OR "faj" LIKE  
'Anaciaeschna%' OR "faj" LIKE 'Brachytron%' OR "faj" LIKE 'Anax%'  
OR "faj" LIKE 'Hemianax%' OR "faj" LIKE 'Gomphus%' OR "faj" LIKE  
'Stylurus%' OR "faj" LIKE 'Onychogomphus%' OR "faj" LIKE  
'Ophiogomphus%' OR "faj" LIKE 'Cordulegaster%' OR "faj" LIKE  
'Epitheca%' OR "faj" LIKE 'Cordulia%' OR "faj" LIKE 'Somatochlora%'  
OR "faj" LIKE 'Orthetrum%' OR "faj" LIKE 'Libellula%' OR "faj" LIKE  
'Sympetrum%' OR "faj" LIKE 'Crocothemis%' OR "faj" LIKE  
'Sympetrum%' OR "faj" LIKE 'Leucorrhinia%'
```

DOI for a dataset

- 1) Creating a complex SQL query
- 2) PUT it into OpenBioMaps as a repeatable query
- 3) Execute the stored query
- 4) Save the results with label -> give local PID
- 5) Ask DOI for this local PID

WEB link for a unique a dataset

<http://dinpi.openbiomaps.org/projects/dinpi/?LQ=49@JKPjw6WNb5dpBzZV>



Local permanent identifier of the stored query result



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THANK YOU FOR YOUR ATTENTION