

The new CETAF Registry of collections and integration of the current CETAF passport.

A collection information hub for the European Natural Science Community

You are here: Home

Welcome

CETAF's 33 members represent 59 institutions that hold over half the world's biological collections and work in over 100 collaborative projects. Our Members explore and document the natural world focusing on studying the species and their evolutionary history. In doing so, they contribute in the advancement of research in a multitude of disciplines.

Discover the profile of CETAF's members or navigate by topic.



Authors: Patrick Semal, Laura Tilley, Franck Theeten, Ana Casino

Current Service: The CETAF Passports



Search



Log in

EXPLORING AND DOCUMENTING DIVERSITY IN NATURE

Home About Us ▾ Taxonomy ▾ Taxonomic Facilities ▾ Services ▾ Members ▾ Media ▾ Community ▾ Contact

Royal Belgian Institute of Natural Sciences

IDENTIFICATION	EARTH SCIENCES (Geology, Mineralogy, Palaeontology,...)															
DIRECTOR AND PERSONNEL	<table border="1"> <thead> <tr> <th>Typology</th> <th>Primary types</th> <th>Individual specimens/objects</th> <th>% registered cards</th> <th>% recorded cards in database</th> </tr> </thead> <tbody> <tr> <td>1.1Palaeontology</td> <td>40000</td> <td></td> <td></td> <td>22</td> </tr> <tr> <td>1.2Mineralogy</td> <td>3</td> <td></td> <td></td> <td>100</td> </tr> </tbody> </table>	Typology	Primary types	Individual specimens/objects	% registered cards	% recorded cards in database	1.1Palaeontology	40000			22	1.2Mineralogy	3			100
Typology	Primary types	Individual specimens/objects	% registered cards	% recorded cards in database												
1.1Palaeontology	40000			22												
1.2Mineralogy	3			100												
FACILITIES	LIFE SCIENCES (Zoology, Biology, Botany, Mycology,...)															
RESEARCH	<table border="1"> <thead> <tr> <th>Typology</th> <th>Primary types</th> <th>Individual specimens/objects</th> <th>% registered cards</th> <th>% recorded cards in database</th> </tr> </thead> <tbody> <tr> <td>2.1Zoology</td> <td>200000</td> <td>30650000</td> <td></td> <td>15</td> </tr> </tbody> </table>	Typology	Primary types	Individual specimens/objects	% registered cards	% recorded cards in database	2.1Zoology	200000	30650000		15					
Typology	Primary types	Individual specimens/objects	% registered cards	% recorded cards in database												
2.1Zoology	200000	30650000		15												
COLLECTIONS	Total specimens (all collections) 30,650,000															
TAXONOMIC EXPERTISE	Heritage sciences (art, manuscripts, maps, photographs...) scientific books: 300 000 titles journals 450 000 volumes															
PUBLIC RELATIONS AND COMMUNICATIONS	GENETIC REPOSITORIES															
EDUCATION AND TRAINING	Does your institution have a DNA bank? No															
CURRENT AND FUTURE INTERESTS	Does your institution have a seed bank? No															
	COLLECTION'S RELATED INFORMATION															
	Number of outgoing loans (parcels / specimens) per year 2013 = 304 loans (scientific and exhibitions)															
	Number of scientific visitors per year 1488															

Last update 09.25.19

News

SYNTHESYS+ Workshop on Training Needs

DISSCo Rising - the Digital Transformation of Natural Science Collections

CETAF E-SCORE Award for Excellence in Research Based on Natural Science Collections - First Edition 2020

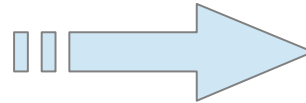
Call for Applications – DISSCo General Assembly Membership

CETAF at Strategic Workshop for Biodiversity Partnership

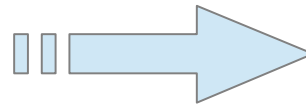
March

M	T	W	T	F	S	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

CETAF Passport & CETAF Collection Registry Integration



Distributed System of Scientific Collections

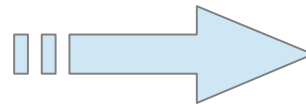


**ONE WORLD
COLLECTION**

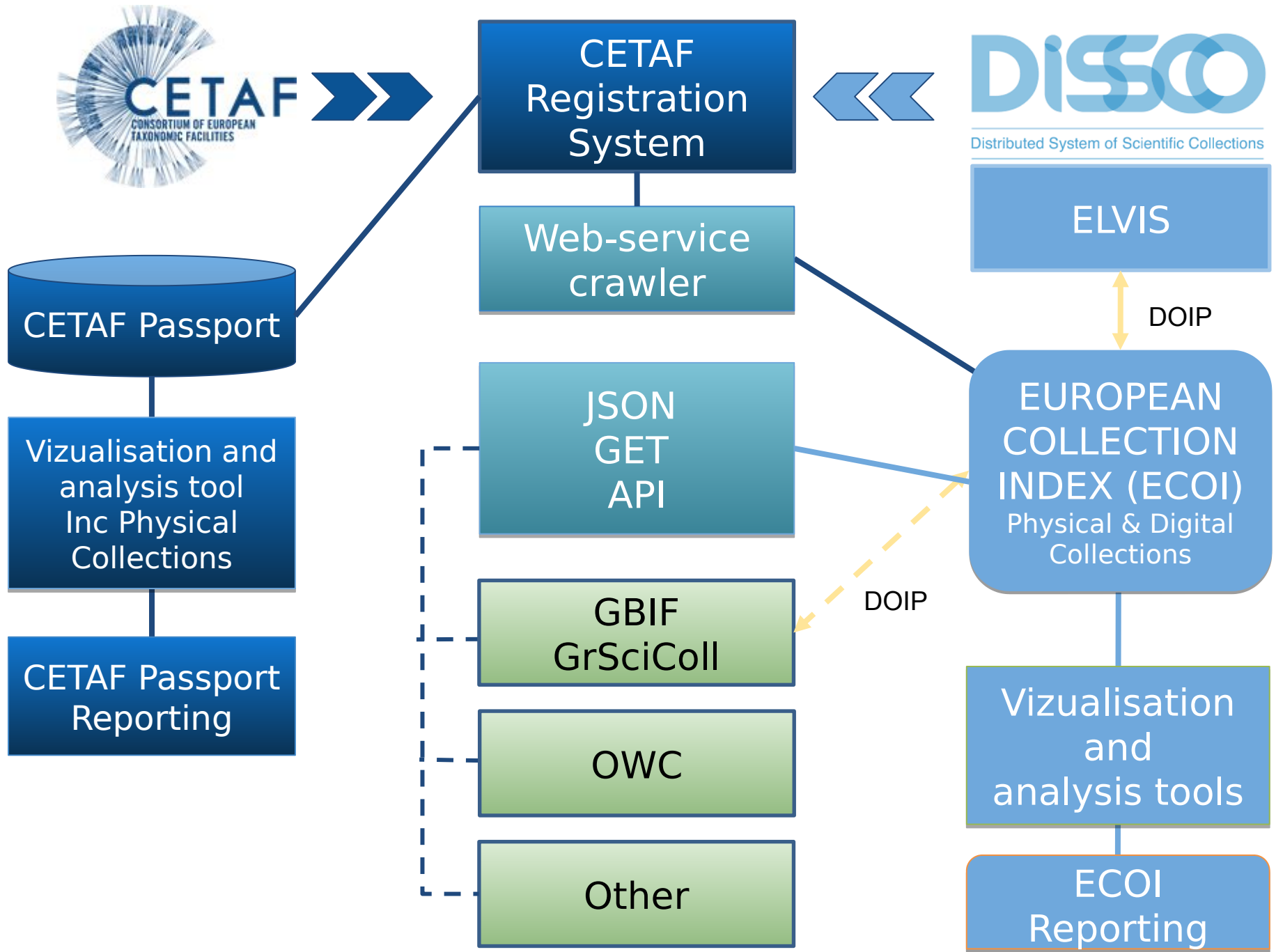
Collection Registry for internal
CETAF related projects

Collection Registry for non
CETAF but DiSSCo members

DATA authority for external
NH collection related infrastructures



Global Workflow



The new CETAF Collection Registry and its advancement from the CETAF Passports



Institutional Profiles

You are here: [Home](#)

Welcome

CETAF's 33 members represent 59 institutions that hold over half the world's biological collections and work in over 100 collaborative projects. Our Members explore and document the natural world focusing on studying the species and their evolutionary history. In doing so, they contribute in the advancement of research in a multitude of disciplines.

Discover the [profile of CETAF's members](#) or navigate by topic.

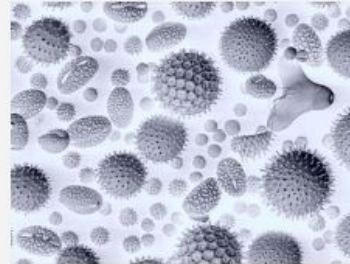
[Organisation](#)



[Facilities](#)



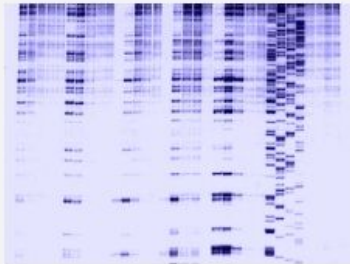
[Research](#)



[Collections](#)



[Taxonomic expertise](#)



[Public relations](#)



[Education and training](#)



[Current and future interests](#)



Navigation page of CETAF Member institutions

All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Bavarian Natural History Collections	Berlin Natural History Museum	Botanic Garden and Botanical Museum Berlin	Centre of Natural History Hamburg	Comenius University - Faculty of Natural Sciences - Zoology	Comenius University - Faculty of Natural Sciences - Botany	Conservatory and Botanic Gardens of the	Department of Biological and Environmental	Estonian Museum of Natural History
Estonian University of Life Sciences	Charles University Faculty of Science, Charles University in Prague	Finnish Museum of Natural History	German Oceanographic Museum	Göteborg Natural History Museum	Gothenburg Botanical Garden	Hungarian Natural History Museum	Institute of Biodiversity and Ecosystem	Institute of Botany, The Czech Academy of Sciences
Institute of Geology, Tallin University of Technology	London Natural History Museum	Meise Botanic Garden	Mürztzeum - Nature Discovery Center	Museum And Institute of Zoology - Polish	Museum of Natural History of the City of	Museum of Nature and Environment Lübeck	National Museum	National Museum of Natural History, Paris
National Museum of Natural History	National Museum of Natural Sciences	National Museums Scotland	Natural History Museum - University of Oslo	Natural History Museum Namu Bielefeld	Natural History Museum of Crete	National History Museum of Denmark	Natural History Museum of Genova - Giacomo	Natural History Museum, University of Florence
Natural History Museum, Vienna	Naturalis Biodiversity Center	Pavol Jozef Šafárik University in Košice - Faculty of Science	Royal Belgian Institute of Natural Sciences	Royal Botanic Garden of Edinburgh	Royal Botanic Garden of Madrid	Royal Botanic Gardens, Kew	Royal Museum of Central Africa	Senckenberg Society for Nature Research
Slovak Academy of Sciences - Institute of Botany	Slovak Academy of Sciences - Institute of Zoology	Slovak National Museum - Museum of National	State Museum of Nature and Man Oldenburg	State Natural History Museum Braunschweig	Stuttgart State Museum of Natural History	Swedish Museum of Natural History	The Hebrew University of Jerusalem, The National Natural History Collections	The Steinhardt Museum of Natural History, Israel National Center for Biodiversity Studies
Übersee-Museum Bremen	University of Tartu, Natural History Museum and Botanical Garden	Upper Austrian State Museum - Biology	Zoological Collection of the University of Rostock	Zoological Institute and Museum Greifswald	Zoological Museum Kiel	Zoological Research Museum Alexander Koenig - Leibniz Institute for Animal Biodiversity		

Explore Passport by

[Country](#)

[Institution](#)

Collections Registry

[Collection type](#)

Includes CETAF Passport Collections information



Institutional Profiles

You are here: [Home](#) / [CETAF Members](#) / [Countries](#) / [Belgium](#) / [Royal Belgian Institute of Natural Sciences](#) / [Passport](#) / [BE-RBINS Passport Collections](#)

BE-RBINS Passport Collections

LSID/GRSCICOLL URI

urn:lsid:biocol.org:col:35271

<https://www.gbif.org/grscicoll/institution/>

• [LSID](#) urn:lsid:biocol.org:col:35271

Index Hebarium code

<http://sweetgum.nybg.org/science/ih/>

Head of Collections / heritage

Title(s):

Name(s): Patrick Semal

Phone: +32(0)26274380

e-mail: patrick.semal(at)naturalsciences.be

Position: Head of Scientific Service of Heritage

Research field: Paleoanthropology

Outstanding collection features

RBINS has an estimated **38 million specimens** in its vaults. That makes RBINS one of the ten most important natural history collections in the world, as well as the largest in Europe after Paris and London. Treasures such as the Bernissart Iguanodons, the Spy Neandertals, the Dautzenberg shell collection, the four fragments of moon rock, the thylacine (Tasmanian wolf), and Baron De Selys Longchamps' insect collections are unique in the world.

These collections, which are the result of many decades of exploration and research, help us to better understand the history of life on Earth and biodiversity, and to come up with better ways of protecting the environment. Today, with the aid of modern technology, scientists are making new discoveries about this natural heritage.

The collections can be roughly divided up into six categories: **entomology**, **recent invertebrates**, **recent vertebrates**, **anthropology**, **palaeontology** and **geology**. Click on the pictures below for a more detailed overview of the collection categories, the rare specimens, the importance of collections for science and find out more about the people whose job it is to conserve these natural treasures.

BE-RBINS Passport Collections

by padmin — last modified Dec 15, 2020 02:48 PM — [History](#)



Edit



List of collections

Contextual help



CMS

Export as XLS

Link



Institution



Organisation

Collections



Facilities



Research



Communication



Training

Taxonomic Expertise



Finances












Interests














Return to HOME of institution



Collections Menu

-  Collection
-  Link
-  Collections Staff Member
-  Geography
-  Stratigraphy
-  Storage
-  Digitization
-  MIDS
-  Valorization

Passport Menu

-  Introduction
-  Institution
-  Organisation
-  Collections
-  Facilities
-  Research
-  Taxonomic Expertise
-  Public relations & Communication
-  Education and Training
-  Interests & Involvement
-  Finances

You are here: [Home](#) / [CETAF Passport and Collections registry manual](#) / [Collections](#) / [Collections Registry](#) / [Collection digitization](#)

Collection digitization

by padmin — last modified Nov 12, 2020 01:43 PM

Digitization is a child of the collection or sub-collection. You can see this in the path address. You can always return to a higher level using the links of this path address.

You are here: [Home](#) / [CETAF Members](#) / [Countries](#) / [Belgium](#) / [Royal Belgian Institute of Natural Sciences](#) / [BE-RBINS Passport Collections](#) / [Collections](#) / [BE-RBINS ANT](#) / [BE-RBINS ANT-BIO](#) / [BE-RBINS ANT-BIO Digitisation](#)

BE-RBINS ANT-BIO Digitisation

by [Patrick Semal Admin](#) — last modified Sep 25, 2020 12:46 PM



General

Proportion digitized

Digitization Priorities

Institution database iframe

List of digitized specimens

Imaging

Target

detailed, overview

Technique

2D : picture, 2D : picture SEM, 3D : internal : microcomputed tomography, 3D : internal : computed tomography, 3D : surface : photogrammetry, 3D : surface : scan : structure ligh, 3D : surface, 2d+ : multispectral

Calibration

scaled, calibrated, internal scale

Setup description

Information

What

Record: creator, Deposited: Institute name, Taxon: name(s), Material type: Storage, Material type: BioGeo, UI: Unique identifier, Record: creation date&time, Material type: GeoPaleo (if applicable)

Who

Collector: name

When

Collection date (if present on specimen)

Human Biology



Collections

by padmin — last modified Oct 01, 2020 10:36 PM



BE-RBINS ANT

Anthropology



BE-RBINS BOT

Botany



BE-RBINS INV

Zoology Invertebrates



BE-RBINS VER

Zoology Vertebrates



BE-RBINS PAL

Palaeontology



BE-RBINS GEO

Geology



BE-RBINS EXT

Extraterrestrial



BE-RBINS MIC

Microorganisms



BE-RBINS MOL

DNA / RNA / Tissue



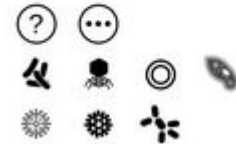
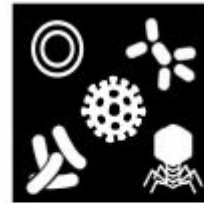
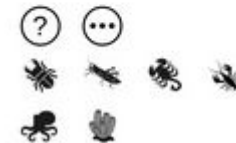
BE-RBINS HER

Heritage



BE-RBINS DAT

Data



11 main collections
and 65 sub-collections
and free sub-sub-collections

Collection descriptors

You are here: [Home](#) / [CETAF Members](#) / [Countries](#) / [Belgium](#) / [Royal Belgian Institute of Natural Sciences](#) / [BE-RBINS Passport Collections](#) / [Collections](#) / [BE-RBINS VZ](#) / [BE-RBINS VZ-AMP](#)

BE-RBINS VZ-AMP

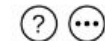
← Unique acronym

by [Patrick Semal Admin](#) — last modified Aug 31, 2020 11:21 AM — [History](#)

Amphibians



Amphibians



Identification

Collection GrSciColl UID/PID

This is the code used by the European Collections Object Index

Identifiers in other systems

Abstract

Rich text description of this collection like a scientific paper abstract



The amphibian collection contains more than 135,000 specimens. We have type material for 109 species. The majority of the specimens were collected by herpetologist Gaston François de Witte on his missions to the national parks in Congo (between 1933 and 1958). On many more recent missions over the years herpetologist Philippe Kok has amassed a beautiful and valuable collection of amphibians, containing species from Guyana (South America).

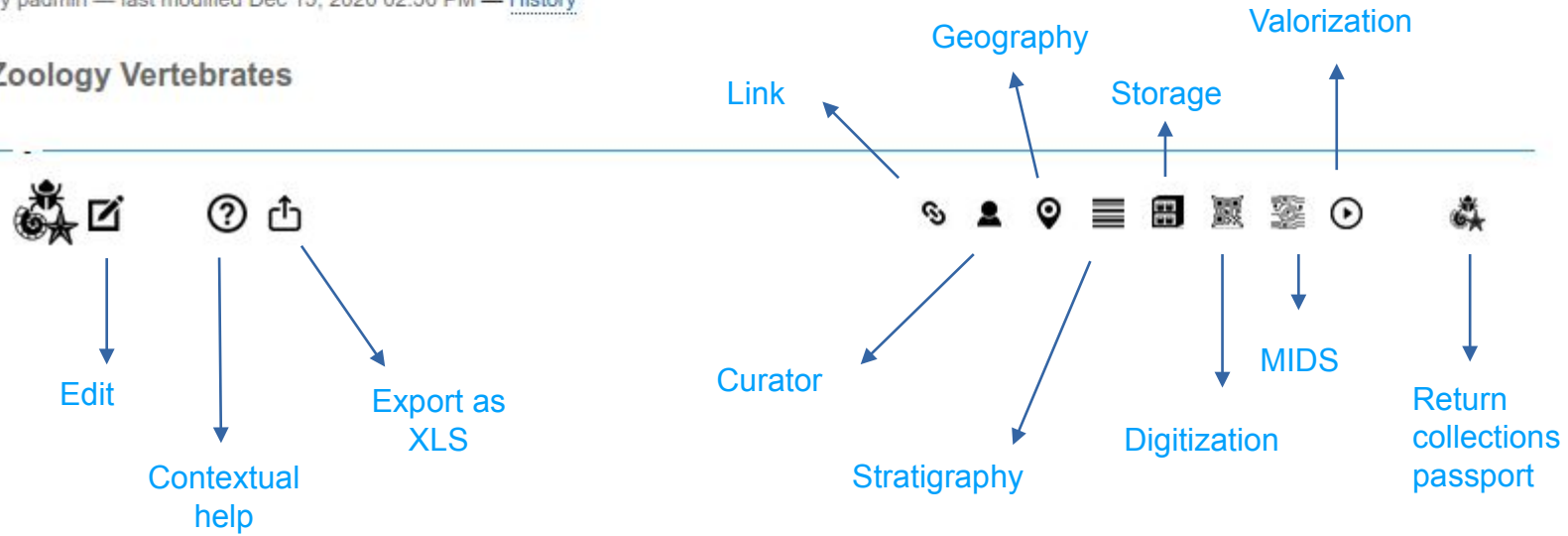


You are here: [Home](#) / [CETAF Members](#) / [Countries](#) / [Belgium](#) / [Royal Belgian Institute of Natural Sciences](#) / [BE-RBINS Passport Collections](#) / [Collections](#) / [BE-RBINS VER](#)

BE-RBINS VER

by padmin — last modified Dec 15, 2020 02:50 PM — [History](#)

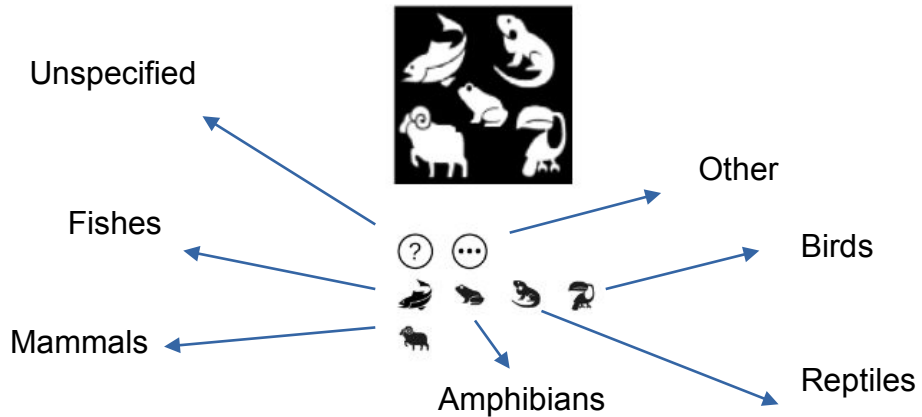
Zoology Vertebrates



Vertebrates



Vertebrates



9 information units
/ 760 fields

Exporting collection information



Institutional Profiles

You are here: [Home](#) / [CETAF Members](#) / [Countries](#) / [Belgium](#) / [Royal Belgian Institute of Natural Sciences](#) / [Passport](#) / [BE-RBINS Passport Col](#)
[Human Biology](#) / [Export](#)

Export

Show entries

Search:

Items	tags
Link to Collection Web Page	
BE-RBINS ANT Geography	
BE-RBINS ANT Stratigraphy	
BE-RBINS ANT Storage	
BE-RBINS ANT-BIO Digitisation	
BE-RBINS ANT Valorisation	

Showing 1 to 6 of 6 entries

[Excel export](#)



Export as XLS

This collection

[Collection page](#)

[Curator](#)

[Geography](#)

[Stratigraphy](#)

[Storage](#)

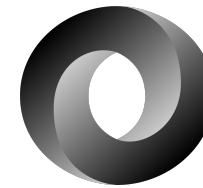
[Digitisation](#)

[Valorisation](#)



Exporting/Importing: JSON webservice

Machines



JSON



The screenshot shows the RESTer browser extension interface. On the left is a sidebar with navigation options: RESTer, Requests, Settings, Environment, Organize, and History. The main area displays a REST client interface for a GET request to `http://collections.naturalsciences.be/projects/digit-3/price/natural-history-museums/instit`. The 'HEADERS' tab is active, showing an 'Accept' header with the value 'application/json'. A 'SEND' button is visible. Below the request, the response is shown as '200 OK' with a status of '200 OK', a size of '18.86 KB', and a response time of '96 ms'. The response headers include: Server: nginx/1.17.0, Date: Wed, 25 Mar 2020 13:16:12 GMT, Content-Type: application/json, Content-Length: 19126, Connection: keep-alive, and X-Frame-Options: SAMEORIGIN. The response body is a JSON array of objects, with the first object expanded to show its structure:

```
1 {
2   "@id": "http://collections.naturalsciences.be/projects/digit-3/price/natural-history-museums/institut-royal-des-sciences-naturelles-de-belgique-brussels",
3   "@type": "Document",
4   "contributors": [],
5   "creation_date": "2014-05-06T13:00:58+02:00",
6   "creators": [
7     "mars"
8   ],
9   "description": "",
10  "language": "en",
11  "modification_date": "2015-10-11T03:15:12+02:00",
12  "parent": {
13    "@id": "http://collections.naturalsciences.be/projects/digit-3/price/natural-history-museums",
14    "@type": "Folder",
15    "description": "",
16    "review_state": "private",
17    "title": "Natural History Museums"
18  },
19  "related": [],
```

A JSON web service API can deliver the content for harvesting or synchronisation