



OpenUp!

Opening Up the Natural History Heritage for Europeana

EU Information and Communication Technologies Policy Support Programme (ICT PSP), März 2011- Februar 2014

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OpenUp! (03/2011-02/2014)

- Initiative von **CETAF** (Consortium of European Taxonomic Facilities) und verschiedenen europäischen **GBIF**-Knoten
- Implementierung eines **nachhaltigen Anschlusses naturhistorischer Sammlungen an Europeana** (und potentiell an andere Portale, die die gleiche Technik wie Europeana nutzen)
- die Verbindung wird durch die etablierten Technologien von **BioCASE** und **GBIF** hergestellt
- Entwicklung ergänzender Systeme zur Unterstützung der Datenprovider
 - **Datenqualitätskontrolle** ,
 - **Datentransformation**,
 - **semantische Ergänzungen**, einschließlich der umgangssprachlichen Namen in verschiedenen Sprachen



www.biocase.org



GLOBAL
BIODIVERSITY
INFORMATION
FACILITY

www.gbif.org

OpenUp! Consortium





Portal für zahlreicher europäische Kultureinrichtungen, das den Zugang zum europäischen Kulturerbe erleichtern soll

Start My Europeana Wählen Sie eine Sprache

europeana think culture Suchen Suchen Hilfe

Europeana 1989 - now live
Journey through the fall of the Iron Curtain. Visit

Aus dem Blog

Say Cheese to Mr Duchenne
The pictures below aren't just photos of people pulling funny faces, they are the result of an experiment by one of the Fathers of Neuroscience: Guillaume-Benjamin-Amand Duchenne. Influenced by the fashionable beliefs of physiognomy in the 19th century, Duchenne wanted to

Stampin' Up Colourful Etchings
Today we're highlighting some of the many colourful etchings that can be found in Europeana. Full of exquisite details and bursting with vivid colours, these etchings are wonders to the eye. The technique of etching has been around for many ...

Bilder - Gemälde, Zeichnungen, Karten, Fotografien und Bilder von Museumsobjekten

Texte - Bücher, Zeitungen, Briefe, Tagebücher und Archivalien

Tonaufnahmen - Musik und Gesprochenes von Phonographenzylindern, Tonbändern, Schallplatten und aus Rundfunksendungen

Videos - Filme, Wochenschauen und Fernsehsendungen



Suchen ▾ Nofretete

Suchen

Hilfe

dieses Formular:

Nofretete ✖

Suche verfeinern:

▾ Stichwörter hinzufügen

+ Hinzufügen

▾ nach Medienart

IMAGE (62)

TEXT (8)

▸ durch Sprache der Beschreibung

▸ durch Jahr

▸ durch Herkunftsland

▸ nach Urheberrecht

▸ nach Beiträger

Von Nutzern beigetragene Inhalte einbeziehen

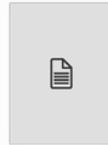
verbreiten:

verbreiten

Ergebnisse pro Seite: 24 ▾

Ergebnisse 1 - 24 von 70

1 von 3 > >>



Kalksteinbüste der Nofretete, aus ...



Eine Nacht mit Nofretete



Nofretete



Nofretete



Nofretete



Nofretete



Nofretete



Nofretete



Vielfalt in Europaeana



Herbarium specimen *Crocus vernus* L. © Botanic Garden and Botanical Museum Berlin-Dahlem, Germany.



Tablecloth with crocus embroidery by Ingrid Larsen. © Norsk Folkemuseum, Oslo, Norge.



Platter fragment from the Bronze Age with crocus © Koninklijk Instituut voor het Kunstpatrimonium (KIK), Brussels, Belgium



Description of crocus in the „Kräuterbuch“ from Johannes Hartlieb, © Universitätsbibliothek Heidelberg, Germany, Heidelberg.



Tapestry called "Krokus". Britta Rendahl, 1976. © Upplandsm useet, Uppsala, Sweden.



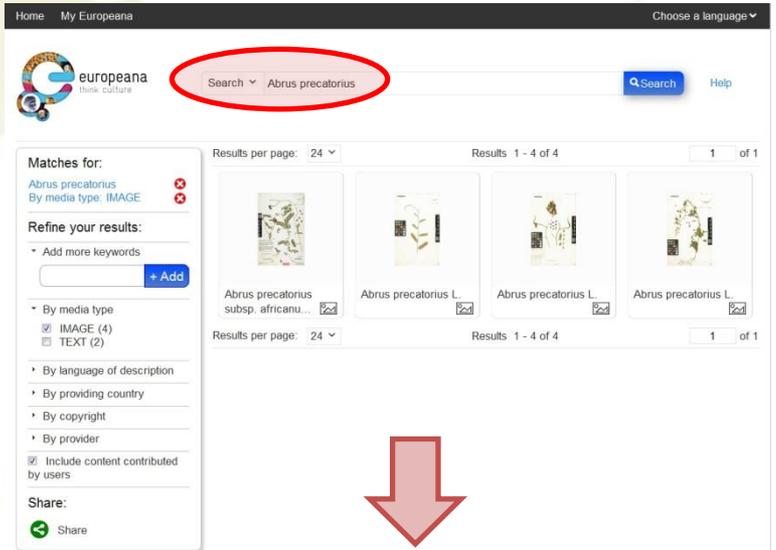
Flower bowl, hand painted with crocuses, Scottish, by Robert Heron & Son, c. 1883 – 1920, © National Museums Scotland, UK.x



Stamp with drawing of *Crocus vernus*. © Slovenské múzeum ochrany prírody a jaskyniarstva, Liptovský Mikuláš Slovak Republic.

von der Europeana-Webseite zum BGBM VH

Suchbeispiel *Abrus precatorius*



Barcode: B 10 0160176

Imaged: 222792

Family: LEGUMINOSAE-PAPILIONOIDEAE

Storage name: Abrus precatorius subsp. africanus Verdc.

Type status: isotype

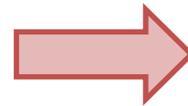
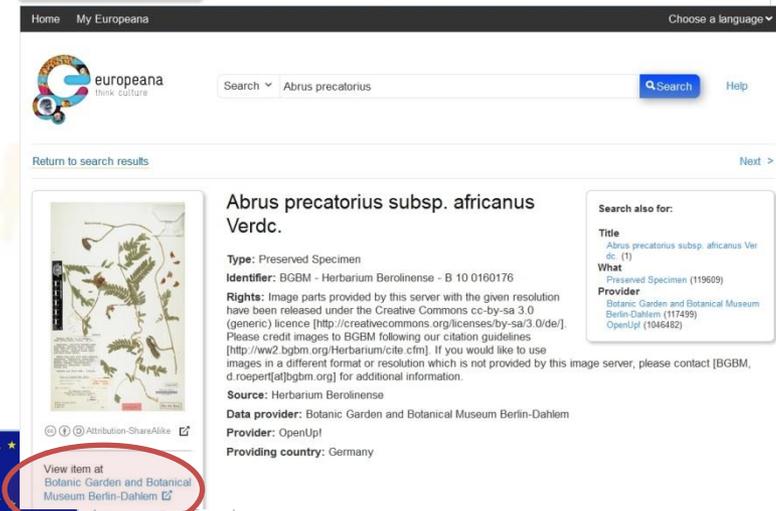
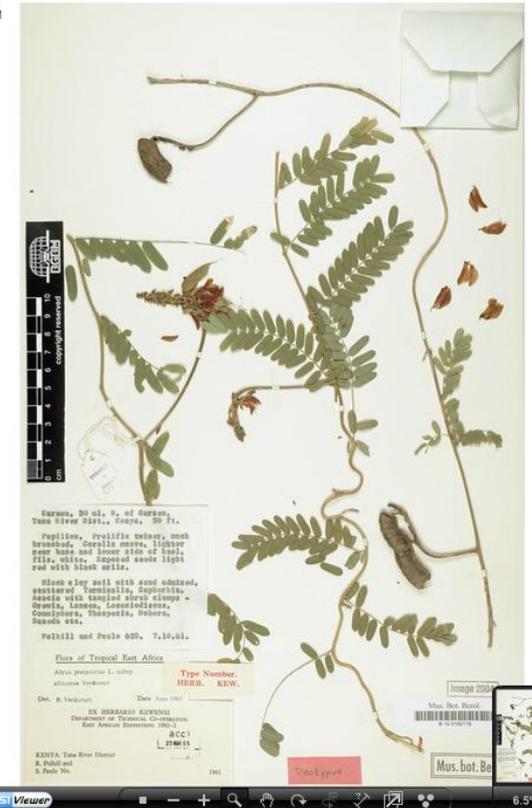
Herb. sub-label: East Afrikan Expedition 1961 - 1962

Collection:

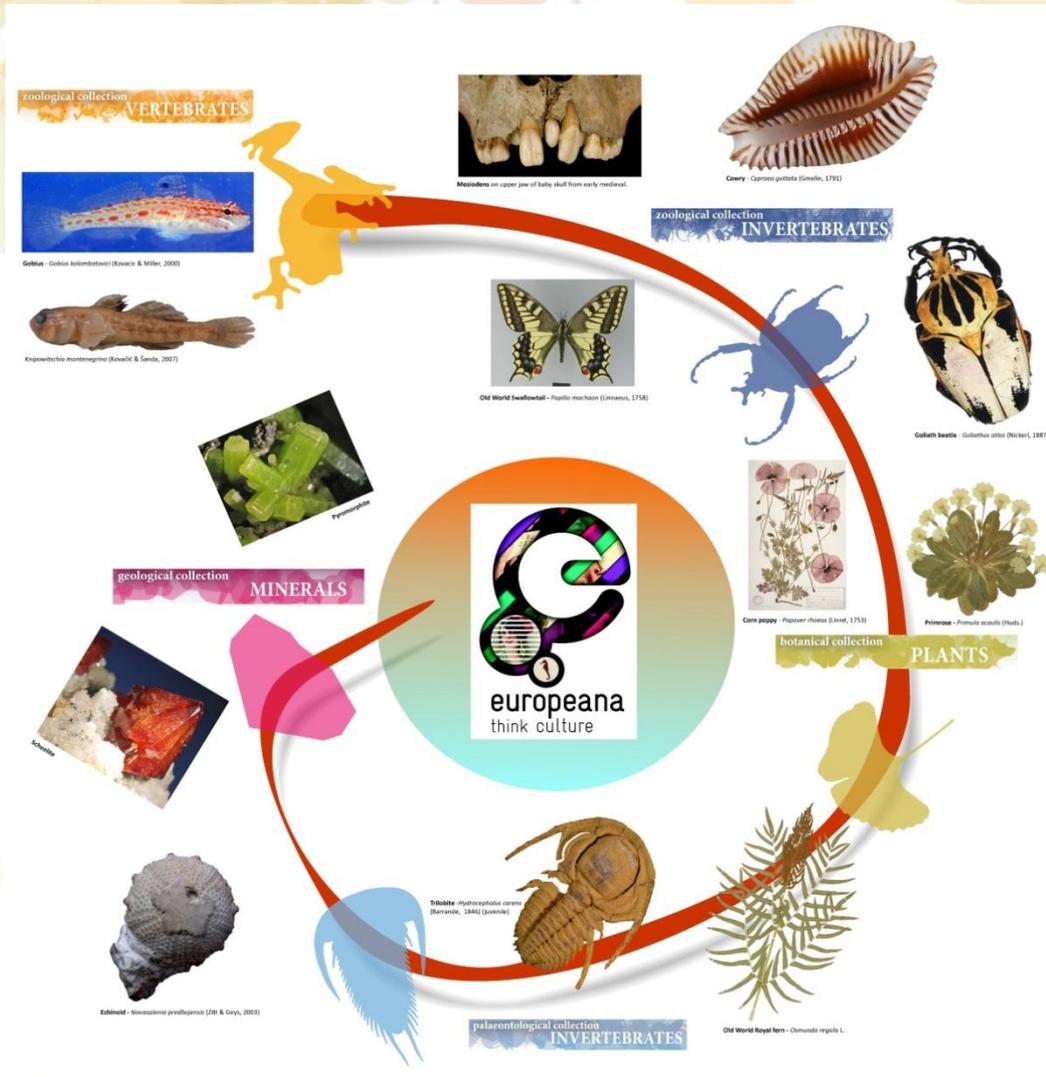
Kenya: Kurawa, 30 ml. S. of Garsen, Tana River Dist. Alt.: 50 ft. 07.10.1961, Leg.: R. Polhill & S. Paulo 623.

Abrus precatorius subsp. africanus Verdc.

(cite specimen as: <http://herbarium.bgbm.org/object/B100160176>)



OpenUp! in Europeana



1,038,860

**biologische, palaeontologische
und geologische Objekte
(01.11.2013)**

**→ 9.-größter Datenanbieter in
Europeana**

Data quality toolkit

Provider settings

Provider URL ?

Synchronous Asynchronous ?

Quality checks

Collection date fields:	<input checked="" type="checkbox"/>	?
Site coordinates:	<input checked="" type="checkbox"/>	?
Syntax of email elements:	<input checked="" type="checkbox"/>	?
ISO country element:	<input checked="" type="checkbox"/>	?
Mime type for multimedia objects:	<input type="checkbox"/>	?
Multimedia object availability:	<input checked="" type="checkbox"/>	?
Number check for altitude:	<input checked="" type="checkbox"/>	?
Distribution check:	<input checked="" type="checkbox"/>	?

▼ Name checks zoology ?

Catalogue of Life:	<input type="checkbox"/>	?
Fauna Europaea:	<input type="checkbox"/>	?
DYNTAXA:	<input type="checkbox"/>	?
Paleobiology Database:	<input type="checkbox"/>	?

▼ Name checks botany ?

Scientific name (botany):	<input checked="" type="checkbox"/>	?
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Filter

Scient. names

?

Ids

?

Multim. only ?

Data quality toolkit



Data Quality Toolkit Response

Request

Warnings

Unit ID: B 10 0366001 Rule: Kew concept reconciliation service (Botanical data quality service - concept check)

Unit ID: B -W 05291 -01 0 Rule: Measurement check

Scientific name:

ABCD- element: **LowerValue**

Annotation date: **2013-11-01**

Context: **OpenUP**

Message: **LowerValue data field '1500 m' is not a number.**

Suggestion: **1500**

XML:

```
<Annotations>
  <Annotation>
    <Context>OpenUP</Context>
    <ISODatetime>2013-11-01T10:27:31.965Z</ISODatetime>
    <MethodOrAgent>Measurement check</MethodOrAgent>
    <Type>Warning</Type>
    <Message>LowerValue data field '1500 m' is not a number.</Message>
    <Suggestion>1500</Suggestion>
  </Annotation>
</Annotations>
```

Data quality toolkit

Data Quality Toolkit Response

Request

Warnings

Unit ID: B 10 0366001 Rule: Kew concept reconciliation service (Botanical data quality service - concept check)

Scientific name: **Ceropegia tuberosa**

ABCD- element: **FullScientificNameString**

Annotation date: **2013-11-01**

Context: **OpenUP**

Message: **The name is a synonym.**

Suggestion: **Ceropegia candelabrum L.**

XML:

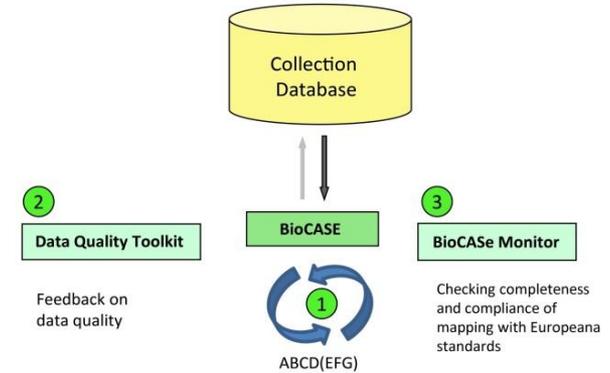
```
<Annotations>
  <Annotation>
    <Context>OpenUP</Context>
    <ISODatetime>2013-11-01T10:27:39.7115</ISODatetime>
    <MethodOrAgent>Kew concept reconciliation service (Botanical data quality service - concept check)</MethodOrAgent>
    <Type>Warning</Type>
    <Message>The name is a synonym.</Message>
    <Suggestion>Ceropegia candelabrum L.</Suggestion>
  </Annotation>
</Annotations>
```

Unit ID: B -W 05291 -01 0 Rule: Measurement check

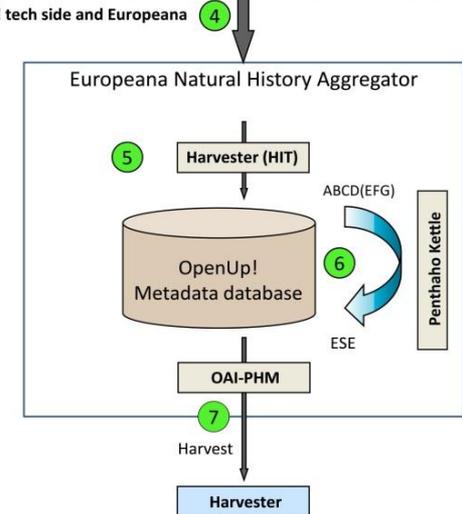
Zusammenfassung

- **Datenleitung, Harvesting und Transformation** von den naturhistorischen Sammlungen zu Europeana ist etabliert und funktioniert
- **Steigender web-traffic** zu den virtuellen Herbarien der Projektpartner
- **Werkzeug zur Datenkontrolle** (Data Quality Toolkit)
- **Metadata Enrichment Services**, einschließlich der Einbindung umgangssprachlicher Namen
- **Helpdesk System**

Data provider side with OpenUp! support



OpenUp! tech side and Europeana



OpenUp! nach Projektende 2014

Sicherung des Weiterbetriebes durch Verbindung mit anderen Einrichtungen



Cetaf
Consortium
Of European
Taxonomic
Facilities



http://open-up.eu/

OPEN UP!

Opening Up the Natural History Heritage for Europeana

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All Taxonomy Page

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Home » Abrus precatorius

Countless natural history treasures are deposited in museums across the world, many hidden away beyond easy access. The OpenUp! project creates a free access to these resources, offering over one million items belonging to the world's biodiversity heritage. The objects made available through OpenUp! consist of high quality images, videos and sounds, as well as natural history artworks and specimens, and also include many items previously inaccessible to visitors. Information provided through OpenUp! is checked by scientists and made available through the Europeana portal at www.europeana.eu.

OUTCOMES

[Promotion materials](#)

[Publications](#)

[Presentations](#)

[Newsletter](#)

[Deliverables and components](#)

FOLLOW US ON:

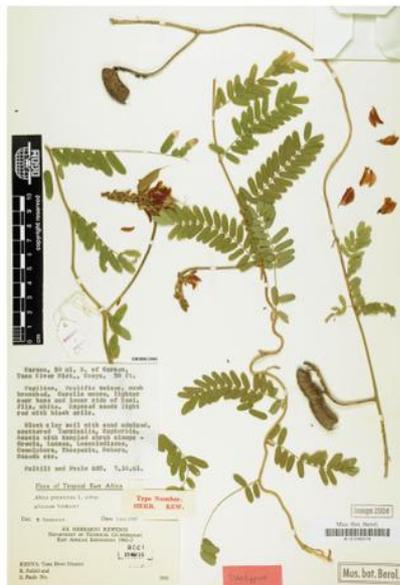


Abrus precatorius

View Revisions

botanical collection

PLANTS



this specimen is stored at Botanical Museum Berlin-Dahlem

Abrus precatorius

This specimen of *Abrus precatorius* subsp. *africanus* is a duplicate (isotype) to its holotype stored at the herbarium in Kew.

Did you know that...?

- *Abrus precatorius* is also called *Jequiry* or *Crab's eye*?
- *Abrus* leaves are consumed as vegetable in Central and East Africa?
- For their equal weight (~0.28 g) *abrus* seeds were used for weighing gold and jewellery?
- The seeds contain strong toxin '*abrin*' and one seed is enough to kill a human?
- The herb is widely distributed throughout Tropics, often being invasive?



zoological collection VERTEBRATES



Gobia - Gobia kolombatovici (Kovacic & Miller, 2000)



Kijevitackia montenegro (Kovacic & Sarda, 2007)



Mesodons on upper jaw of baby skull from early medicine.



Cowry - Cypraea guttata (Gmelin, 1791)

zoological collection INVERTEBRATES



Old World Swallowtail - Papilio machaon (Linnaeus, 1758)



Golluh beetle - Golluhus arisa (Nickler, 1887)



Pyromorphite

geological collection MINERALS



Scheelite



europaena think culture



Corn poppy - Popover rhoeas (Linne, 1753)



Primrose - Primula acaulis (Huds.)

botanical collection PLANTS



Echinoid - Neosolenastrea prelojensis (Zitl & Geys, 2003)

Tylosites - Hydropacharis cornes (Barande, 1846) (Sweden)



palaontological collection INVERTEBRATES



Old World Royal fern - Osmunda regalis L.

Costs for Sustainability of OpenUp! Infrastructure

- **Sustainability not yet ensured for:**
 - Support of the Natural History Aggregator
 - Managing new providers
 - Indexing
 - Testing
 - Communications with Europeana
- **Costs depend on:**
 - Number of ingests/year
 - Number of data sources
 - Provision of technical support