



Stabile Identifizier für Herbarbelege

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Das ist kein Herbariumsbeleg

Digital herbarium

Barcode: B-W 01000-01 0

ImageId: 313443

Family: IRIDACEAE

Storage name: Iris biglumis

Collection: Russia.

Contact

Imprint

Disclaimer

Overview

Index

Internet: konstruktiv

Iris biglumis
Save as JPG...



Willdenow folder:
B_W_01000

Close this window

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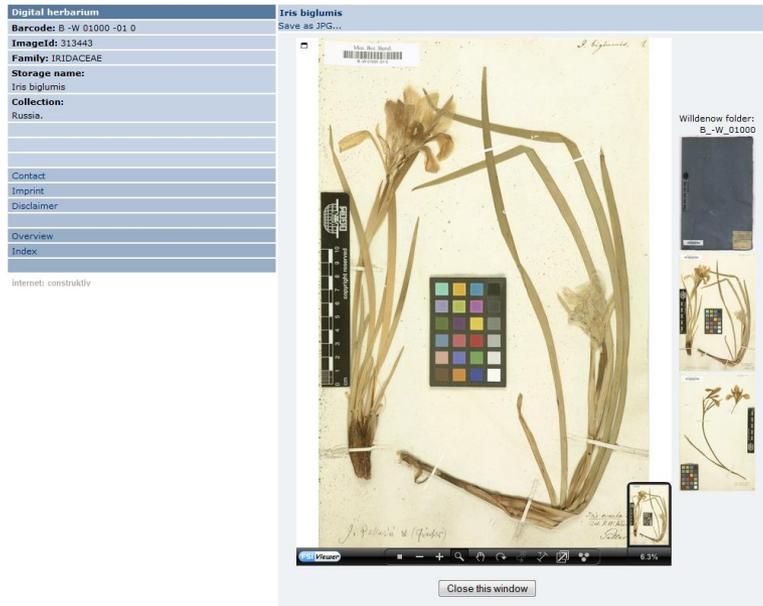
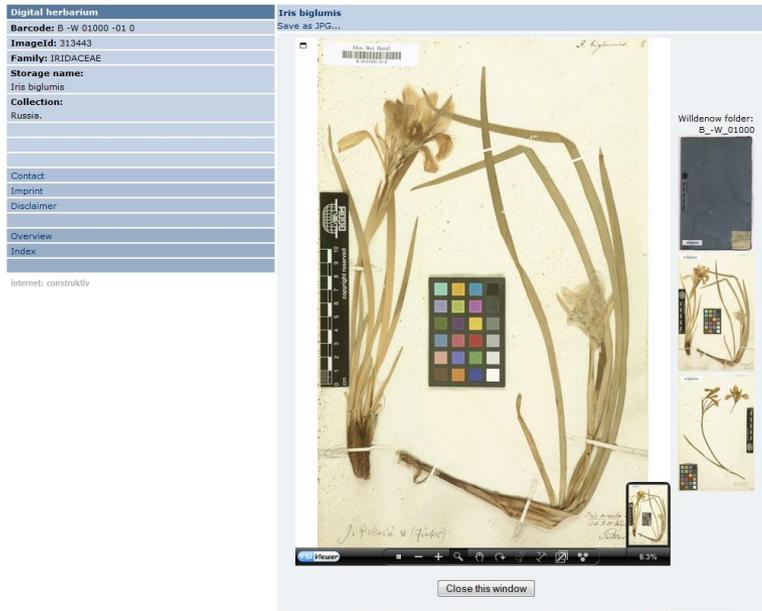


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- ❖ Sammlungsobjekt?
- ❖ Digitales Bild eines Sammlungsobjektes?
- ❖ Eine Webseite mit Metainformation zu einem Sammlungsobjekt?
- ❖ ...

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- Aussagen über Objekte und Datenobjekte sollten immer einen eindeutigen Hinweis enthalten, worauf sie sich beziehen.
- Nutzung von GUIDs (Globally Unique Identifiers).

Stabile Identifier für Herbarbelege



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Article

Stable citations for herbarium specimens on the internet: an illustration from a taxonomic revision of *Duboscia* (Malvaceae)

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¹Royal Botanic Garden Edinburgh, 20a Inverleith Row, Edinburgh EH3 5LR, UK

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Abstract

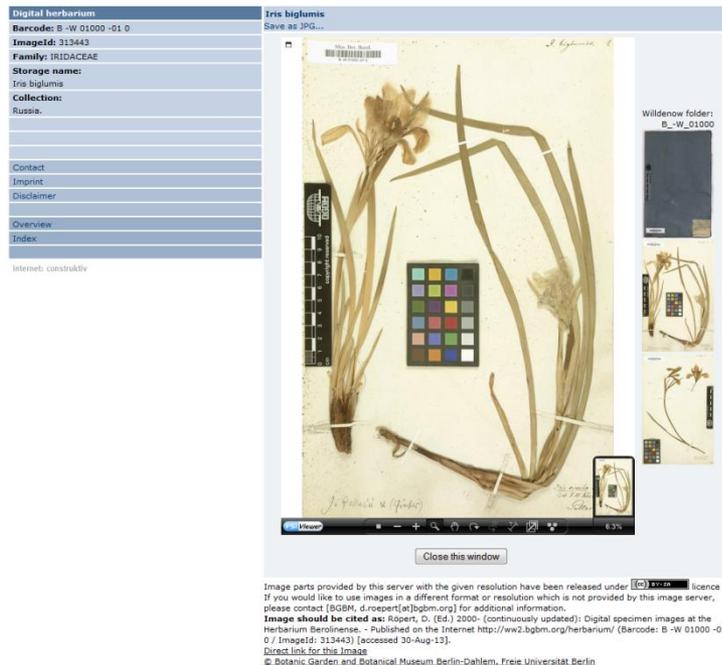
A taxonomic revision of *Duboscia* (Malvaceae) with two species, *D. macrocarpa* and *D. viridiflora*, is presented and used to demonstrate a mechanism for linking from revisions to specimens held in herbaria using HTTP URIs. The implementation of this mechanism at the Royal Botanic Garden Edinburgh (E) is used as an example. Advantages of this approach include near universal support amongst web-connected devices. Hindrances to widespread adoption of such an approach are also discussed.

Introduction

Citation of sources is a requirement of good scientific writing. In paper-based publications, references to other works are designed to be read by a user who will visit a library to retrieve the target work. As journals move on line, these references are increasingly hyperlinks of the kind used elsewhere on the World Wide Web. A

Die Idee

- ❖ Nutzung von http URIs als Identifier für physische Sammlungsobjekte, Metadaten, Webseiten.
- ❖ Bsp.: <http://herbarium.bgbm.org/object/BW01000010>.
- ❖ Weiterleitungen zu Webseiten oder maschinenlesbaren Darstellungen



```

-<rdf:RDF>
  <!--This is metadata about this metadata document-->
  <rdf:Description rdf:about="http://herbarium.bgbm.org/data/rdf/BW01000010">
    <dc:creator>TODO: Simple PHP RDF Script</dc:creator>
    <dc:created>2013-08-30T09:15:56+02:00</dc:created>
  </rdf:Description>
  <!--This is metadata about this specimen-->
  <rdf:Description rdf:about="http://herbarium.bgbm.org/object/BW01000010">
    <!-- Assertions made in simple Dublin Core -->
    <dc:title>Iris biglumis</dc:title>
    <dc:description>
      A herbarium specimen of Iris biglumis collected by
    </dc:description>
    <dc:creator>
    <dc:created>
  </--
  <!-- Assertions based on experimental version of Darwin Core -->
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  <dc:CollectionCode>B</dc:CollectionCode>
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  <dc:Family>IRIDACEAE</dc:Family>
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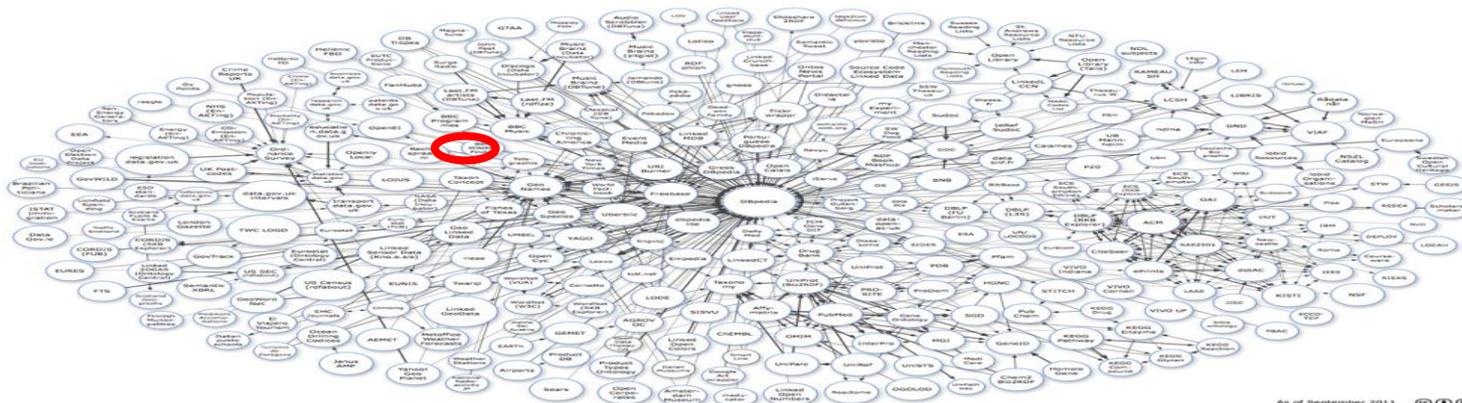
Gemeinsame CETAF-ISTC / pro-iBiosphere Initiative



- ❖ ISTC gründet eine „Task-Force“ für Stabile Identifier (**März 2013**).
- ❖ „Stable identifiers for specimen“ Workshop. **RBGE, BGBM, Kew, MfN, und MNHN** beschließen schnelle Implementierung (**Juni 2013**).
- ❖ pro-iBiosphere Workshop begutachtet Implementierungen positiv (**Oktober 2013**).

Warum sind http URIs eine „gute Wahl“

- ❖ Auflösungsmechanismus existiert bereits und funktioniert (DNS).
- ❖ Institutionen können die Struktur „ihrer“ Identifier selbst wählen.
- ❖ Leicht zu implementieren und bequem zu nutzen.
- ❖ Klare Trennung zwischen physischen Objekten und Metadaten.
- ❖ Linked (open) Data öffnet die Tür zu semantischen Technologien.



As of September 2011 