



Project no. 018340

**Project acronym: EDIT**

**Project title: Toward the European Distributed Institute of Taxonomy**

Instrument: Network of Excellence

Thematic Priority: Sub-Priority 1.1.6.3: "Global Change and Ecosystems"

## **C5.91 CDM storage functionality for specimen and observation data implemented**

Due date of component: Month 31

Actual submission date: Month 31

Start date of project: 01/03/2006

Duration: 5 years

Organisation name of lead contractor for this component: 9 FUB-BGBM

Revision: final

Project co-funded by the European Commission within the Sixth Framework Programme (2002-2006)		
Dissemination Level		
<b>PU</b>	Public	<b>X</b>
<b>PP</b>	Restricted to other programme participants (including the Commission Services)	
<b>RE</b>	Restricted to a group specified by the consortium (including the Commission Services)	
<b>CO</b>	Confidential, only for members of the consortium (including the Commission Services)	

## C5.91 CDM storage functionality [for specimen and observation data] implemented

### Import of specimen data in the EDIT Common Data Model database

The EDIT Specimen Explorer for Taxonomists (<http://search.biocase.org/edit/>) provides users with fast and easy-to-use access to worldwide biodiversity data, and offers full control over query expansion. The portal accepts one or more Latin names, suggests related query terms for both zoological and botanical data, expands the query accordingly and offers complete BioCASE portal functionality for resulting specimen and observation data (from the GBIF index).

Users now have the option to save the full data received from their queries in the CDM (EDIT Common Data Model) database and thus use them in the context of the EDIT Platform for Cybertaxonomy.

Two kinds of files can be imported:

- Specimen and observation data from a XML file (ABCD2.06 standard only)
- Specimen and observation (units) data stored in a tabular file, with a pre-defined and limited list of columns (such as unitID, taxonName, gathering information such as country, locality and coordinates, collector's name, collector number, field number, basis of record...).

The import functionality has been developed in Java as a part of the CDM's Input/Output Library and take as parameter the location (on the local computer) of the file containing the units to save. Several units can be saved in one run.

The code is available in the EDIT subversion repository:

<http://dev.e-taxonomy.eu/trac/browser/trunk/cdmlib/cdmlib-io/src/main/java/eu/etaxonomy/cdm/io/unitsPortal>

<http://dev.e-taxonomy.eu/trac/browser/trunk/cdmlib/app-import/src/main/java/eu/etaxonomy/cdm/app/abcdImport/SpecimenImport.java>

# SPECIMEN AND OBSERVATION EXPLORER

## FOR TAXONOMISTS

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### Details

#### Units details

**Calendula aegyptiaca**  
Unit ID: 10454

**Source institution:** Impetus - Herbarium Hamburgense (HBG)  
**Last update:** 2005-09-26  
[EMAIL](#)

#### Identification(s)

**Name**  
**Calendula aegyptiaca**

#### Gathering

Locality	Collector(s)	Other info
<b>Locality:</b> Tafrant bei Ngob <b>Coordinates:</b> 30.60761723 -7.4723889211 <a href="#">Map!</a>	M.Finckh	<b>Height:</b> 1680 <b>Gathering code:</b> A438

#### Impetus - Herbarium Hamburgense(HBG)

**Organisation:** Herbarium Hamburgense  
**Org. Code:** HBG  
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» [Show source XML](#)

» [Download all data for this unit \(XLS/XML\)](#)

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Figure 1: Export specimen and observation data from the portal to the EDIT Common Data Model