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"

C5.163 Integration of additional functionality into web portals

- Display of structured descriptive data, integrated access to central services -

Due date of component: Month 53
Actual submission date: Month 54

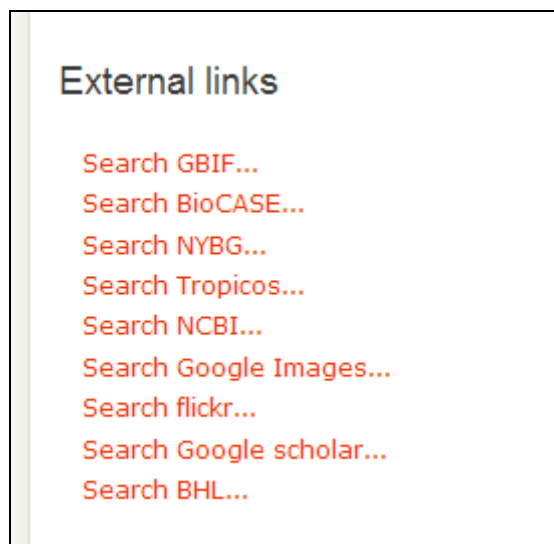Start date of project: 01/03/2006   Duration: 5 years

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		
PU	Public	x
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	

Many improvements have been implemented into the DataPortal for the EDIT Platform 3.0 release (C5.129). Two of them are here described

1. A special user interface element, the so called "External Links" - block, which allows accessing central services in an integrated way.

These "External Links"- are context sensitive, i.e. they trigger search operations on the various connected central services using the taxon name currently displayed. The result is displayed in a separate browser window. The "External Links"- block can be tested for example within the *Cichorium intybus* page (https://wp6-cichorieae.e-taxonomy.eu/portal/?q=cdm_dataportal/taxon/e64a9ec7-94c8-49ee-92ba-18f2065a960a) of the Cichorieae Portal (http://wp6-cichorieae.e-taxonomy.eu/portal/). For a full list of the available DataPortals please refer to C5.129.

2. Display of structured descriptive data
The technical base to enable the CDM DataPortal to display structured descriptive data stored in the CDM Community Store in natural language has been created with the implementations described in C5.132 ("Full implementation of CDM Library functionality for the output of structured descriptive content in structured and textual form"). The web service of the CDM Server has been extended to expose these functions to the web. So the DataPortal and other web based components now can use this functionality by accessing the web service and human readable representations of structured descriptive can be incorporated into web pages. By the time of writing this component none of the DataPortal owners has yet decided to import structured descriptive data and to enable the display of those. So no link demonstrating this feature is available; therefore an example output from a test Portal is presented here:

rosette leaves in outline narrowly obovate, lamina length from 2.0 cm, lamina width from 1.0 cm, margin entire remotely sinuate-dentate, apex shortly acute rounded, base petiole-like attenuate; cauline leaves number few, in outline elliptic, margin often entire; peduncle length (exact) up to 10.0 cm, shape slightly swollen; outer involucral bracts shape linear, length from 3.0 mm, width from 0.8 mm, indumentum hispidulous; inner involucral bracts shape linear, colour greenish, indumentum hispidulous; corolla shape ligulate; corolla tube length 6.0 mm on average, indumentum densely pilose; corolla ligule length up to 12.0 mm, width from 1.5 mm, colour tinged purple yellow; anthertube length from 2.5 mm; anthertube apical appendages apex obtuse; style length from 7.0 mm; style branches length 0.8 mm on average; achenes shape fusiform, "straightness" strongly curved, length from 2.0 mm, width 0.8 mm on average, epidermis/indumentum glabrous rarely pubescent, colour brown, ribbing ribbed, apex shortly attenuate; pappus colour white, length from 5.0 mm, persistence caducous, type plumose; growth form general rosette herb, lifetime annual; height up to 70.0 cm; indumentum hispidulous; flowering stems posture erect ascending, section obscurely ribbed; involucre shape at (+ after) flowering broadly campanulate, length up to 10.0 mm, diameter at flowering (exact) up to 10.0 mm