



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"

C5.126 Data portal update for Platform version 2 ready

Due date of component: Month 40
Actual submission date: Month 40

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)	

The EDIT CDM Data Portal has been developed into a mature product based on the existing prototype (C5.86 Data portal prototype) as well as User requirements from the EDIT exemplar groups. The Portal will be one of the major components of the EDIT Platform Version 2.0.

The Data Portal has been improved in many ways:

The web services used to connect Data Portals to the CDM Community Store have been adapted to the CDM version 2.0. They also underwent an architectural change, which is an important prerequisite for more stability in the Data Portals and better maintainability. The new Community Store interface is described in the [documentation](#) delivered in “C5.059 CDM2 Community store interfaces documented” (<http://dev.e-taxonomy.eu/trac/wiki/CdmRestServices2>).

The concept of TaxonomicTrees which has been introduced into the CDM Library has also been implemented into the DataPortal. By the means of TaxonomicTrees it is now possible to overcome problems with multiple taxonomies. In the Data Portal this becomes particularly noticeable in the improved search functionality as well as an improved taxonomic tree browser. It also makes administration tasks easier.

Advanced search functions have been added, which allow searching for Taxa and Synonyms in any combination. The search can also be restricted to specific geographic areas. Search result can include thumbnail images of taxa if desired.

In addition to the existing map images it is now possible to display dynamic distribution maps, which allow zooming and panning the maps. This has been accomplished together with WP5.4 (CSIC and the RMCA) by using the open source map viewer “OpenLayers”. Legends to the maps are also displayed if desired.

The amount and granularity of data being displayed has been increased significantly by implementing an extended import mechanism. Together with the improved render mechanism for scientific names and references, which now is configurable to meet many different tastes, the exemplar groups Data Portals have become a valuable and reliable source of taxonomic information.

The new Data Portals for the three WP6 exemplar groups are currently available at the preview servers only at:

<http://160.45.63.201/dataportal/preview/palmae/>

<http://160.45.63.201/dataportal/preview/diptera/>

<http://wp6-cichorieae.e-taxonomy.eu/portal/>

At the end of August the new Data Portals will finally be installed on the production server at:

<http://dev.e-taxonomy.eu/dataportal/palmae>

<http://dev.e-taxonomy.eu/dataportal/diptera/>

<http://dev.e-taxonomy.eu/dataportal/cichorieae/>