



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"

C5.27 Pilot website for OpenURL service available

Due date of component: Month 30

Actual submission date: Month 30

Start date of project: 01/03/2006

Duration: 5 years

Organisation name of lead contractor for this component: 10 NHML

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)	

C5.27 Pilot website for OpenURL service available

Introduction

ViTaL, the Virtual Taxonomic Library is a component of the EDIT infrastructure, being created as part of WP5.3, which is concerned with the provision of Bibliographic tools for the taxonomic community.

The services provided by ViTaL have been discussed in detail in [previously published project documents](#). The diagram below has been extracted from document [D5.15 ViTaL draft system design](#). It provides a useful overview of the system architecture.

This report documents the pilot launch of the OpenURL resolution service component of ViTaL, hosted at the Natural History Museum (London). The pilot went live on 26 September 2008.

Functionality

The ViTaL OpenURL service is based on [SFX](#), an Ex Libris product. SFX provides ViTaL users with links to article full-text where this is available for free download or via subscriptions belonging to their institution. It also offers other library-defined resources, including the online public access catalogue (OPAC) holdings and Google Scholar searches.

Interface

The pilot is running on the NHML's test SFX server. Queries are sent to the server via an HTTP GET sent to <http://vital.nhm.ac.uk:3210/sfxtst3> with OpenURL parameters appended as a query string. Once the pilot is completed, a new URL will be released for normal use.

An example query to SFX might look like this:

[http://vital.nhm.ac.uk:3210/sfxtst3?volume=94&genre=article&spage=339&atitle=A%20substitute%20name%20for%20the%20extinct%20genus%20Stenelytron%20Kukalova%20\(Protelytroptera\)&title=Psyche&issue=3/4&date=1988](http://vital.nhm.ac.uk:3210/sfxtst3?volume=94&genre=article&spage=339&atitle=A%20substitute%20name%20for%20the%20extinct%20genus%20Stenelytron%20Kukalova%20(Protelytroptera)&title=Psyche&issue=3/4&date=1988)

When send the above data, SFX identifies the journal, checks its database for possible sources of full text for the article. In this case, the journal, *Psyche*, provides free access to its archive. SFX returns a web page with a button which opens the appropriate page on the *Psyche* website, displaying the full text of the article and a link to a PDF.

The SFX results page also provides other options, allowing users to order hard-copies or search Google Scholar, without having to re-enter the details of the item.

OpenURL queries can be accepted from any application. For example, the [ViTaL bibliographic search tool](#) has OpenURL links pointing to this service.

Browser based tools such as Zotero can also use this server to provide their default OpenURL resolution service.

ViTaL draft system design

