

WP11 - Work package description

Work package number	WP11
Type of activity	RTD
Work package title	Catalogue of Life Cross-mapping tools
Start month	1
End month	36
Lead beneficiary number	11

Objectives:

To prototype, make available for test, and implement CoL Cross-mapping tools from Cardiff based on the existing LITCHI system, for ongoing usage in collaboration with WP 2. The way these components are used, the specification of needs and their integration with others will be designed in collaboration with WP2, along with scoping, testing and acceptance for service. The Cardiff components are:

- 1) a protocol and procedure for importing particular instances of a supplied taxonomy into the CoL cross-mapping tool, and possibly monitoring it for changes.
- 2) a tool set for generating and displaying a cross-map in comparison with a particular instance of the CoL, and
- 3) a mechanism for making the cross-map available to support cross-linking as required through appropriate services for use by the instigator.

Description of work and role of partners:

All tasks in this work package undertaken by Partner 11 in collaboration with WP2.

Task 11.1

Specify protocols and procedures for pulling a particular instance of a supplied taxonomy into the CoL cross-mapping tool. Make it available to WP2 for test; respond to improvement requests.

Task 11.2

Extend LITCHI to cover names from the ICZN and ICSB Rules for Animals and Bacteria, and to process and reason with taxonomic hierarchies when creating cross-maps.

Task 11.3

create a tool set for generating, displaying and interactively refining a cross-map in comparison with a particular instance of the CoL, making use of the LITCHI rules, and elements of the LITCHI-1 and LITCHI-2 software. Make it available to WP2 for test; respond to improvement requests; and provide it to the ongoing software support service of the CoL provided by WP4.

Task 11.4

create a service from which cross-maps and other diagnostic data can be collected as data instances after runs of the cross-mapping tool. Make it available to WP2 for test; respond to improvement requests; and provide it to the ongoing software support service of the CoL in WP4.

Person-Months per Participant:

Participant number	Participant short name	Person-months per participant
11	CU	15.00
	Total	15.00

List of deliverables:

Deliverable Number	Deliverable Title	Lead Beneficiary number	Estimated indicative person-months	Nature	Dissemination level	Delivery date
D11.1	Preliminary Cross-map Service & Interactive Tools, v1	11	5.00	D	PU	12
D11.2	Enhanced Cross-map Service & Interactive Tools, v3	11	6.00	D	PU	20
D11.3	Cross-map Service & Interactive Tools, v4	1	4.00	D	PU	24
		Total	15.00			

Description of deliverables:

D11.1)

Preliminary Cross-map Service & Interactive Tools, v1: Interactive cross-map generation tools v1 (Software & Demonstrator).

[month 12]

D11.2)

Enhanced Cross-map Service & Interactive Tools, v3: Enhanced Cross-map Service & Interactive Tools, v3. (Software & Demonstrator).

[month 20]

D11.3)

Cross-map Service & Interactive Tools, v4: Full version of service and tools with coverage of other codes, and hierarchies (Software & Demonstrator).

[month 24]

Schedule of relevant Milestones:

Milestone number	Milestone name	Lead Beneficiary number	Delivery date from Annex I	Comments
MS16	New Rules and Techniques	11	14	
MS20	Cross-map Service & Interactive Tools, v2 (new rules)	11	16	
MS41	Cross-map Service & Interactive Tools, v4 (hierarchies)	11	24	