

## WP12 - Work package description

Work package number	WP12
Type of activity	RTD
Work package title	Catalogue of Life GSD-Piping Tools for Taxon & Name Placement Service
Start month	1
End month	36
Lead beneficiary number	1

### Objectives:

To prototype, make available for test, and implement Taxon & Name Placement Service components for ongoing usage in collaboration with WP 2. In WP2 these components will be designed in collaboration and integration with the rest of the project, specified, tested and accepted for service. They are:

- 1) Taxon & Name Supply-side Pipeline. A protocol and procedure for pulling a data set containing particular batch of supplied name-records and taxon-records thought to be absent from the CoL, with their associated higher taxon tags, into the reception buffer for the GSD-piping tool.
- 2) Taxon & Name Distribution-side Pipeline. A tool set for serving supplied Names & Taxa from the CoL Reception Buffer to the appropriate GSD system, and managing this process.
- 3) Processing Monitor. a protocol and service for a) partitioning and distributing incoming data elements between the GSD-sectors maintained taxonomically by different GSD organisations within the Sp2000 GSD Network, and b) making the records of successful and rejected name and taxon positioning tasks available for collection by the instigator.

### Description of work and role of partners:

All tasks in this work package undertaken by Partner 1 in collaboration with WP2.

#### Task 12.1

Create a protocol, procedure, CoL Reception Buffer schema and software elements for pulling a data set containing particular batch of supplied name-records, taxon-records and references thought to be absent from the CoL, with their associated higher taxon tags, into the reception buffer for the GSD-piping tool. Make it available to WP2 for test; respond to

improvement requests; make it available to partners for initial use and provide it to the ongoing software support service of the CoL provided by WP4.

#### Task 12.2

Create a tool set for serving incoming data elements from the CoL reception Buffer to the appropriate GSD system. Make it available to partners for initial use and provide it to the ongoing software support service of the CoL provided by WP4.

#### Task 12.3

Create a protocol and service for a) partitioning and distributing incoming data elements between the GSD-sectors maintained taxonomically by different GSD organisations within the Sp2000 GSD Network, and b) making the records of successful and rejected name and taxon positioning tasks available for collection by the instigator. Make it available to WP2 for test; respond to improvement requests; make it available to partners for initial use and provide it to the ongoing software support service of the CoL provided by WP4.

#### Person-Months per Participant:

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

#### List of deliverables:

Deliverable Number	Deliverable Title	Lead Beneficiary number	Estimated indicative person-months	Nature	Dissemination level	Delivery date
D12.1	CoL Placement Service	1	15.00	D	PU	24
		Total	15.00			

#### Description of deliverables:

##### D12.1)

CoL Placement Service: CoL Placement Service set up and deployed (with supply-side and distribution-side pipelines and Process Monitor).

[month 24]

**Schedule of relevant Milestones:**

Milestone number	Milestone name	Lead Beneficiary number	Delivery date from Annex I	Comments
MS14	Taxon & Name Supply-side Pipeline in test	1	12	for test in WP2.
MS17	Taxon & Name Supply-side Pipeline Operative	1	14	
MS21	Taxon & Name Distribution-side Pipeline in test	1	16	for test in WP2.
MS26	Taxon & Name Distribution-side Pipeline Operative	1	20	
MS34	Process Monitor in test	1	22	for test in WP2
MS42	All 3 Taxon & Name Placement Service components available for solidification in WP4	1	24	for WP4.