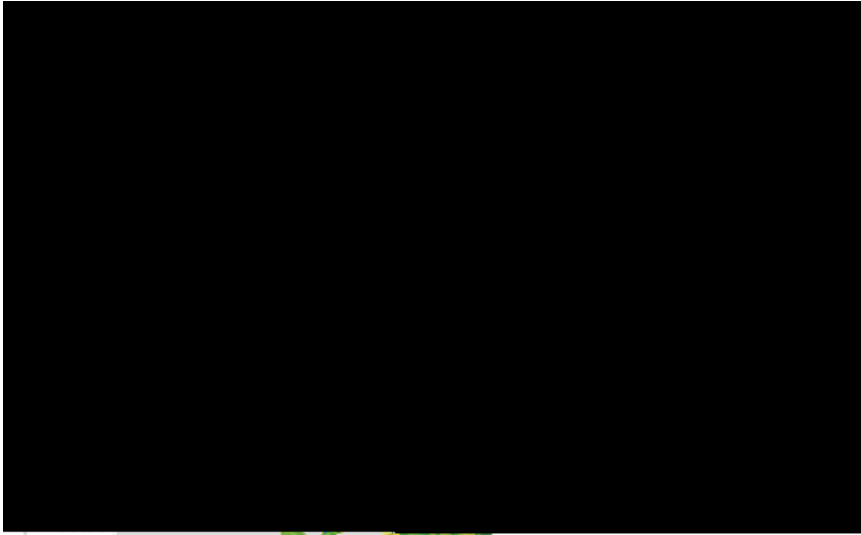
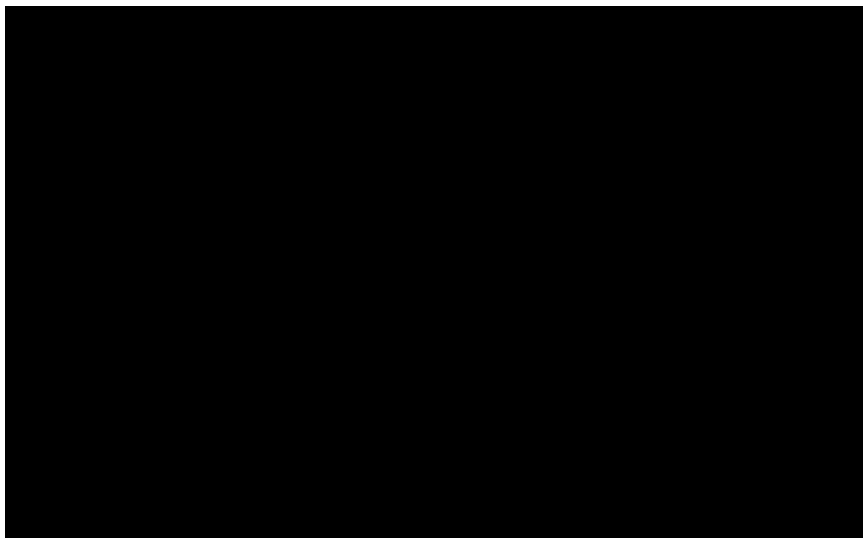


BioGeoSDI workshop - GeoInteroperability Testbed Pilot Project



The Occurrence Search service takes the scientific name obtained from the name search service,



This service provides the user with a choice of available environmental data layers for use in the modelling calculations. Two different sources can provide these layers :

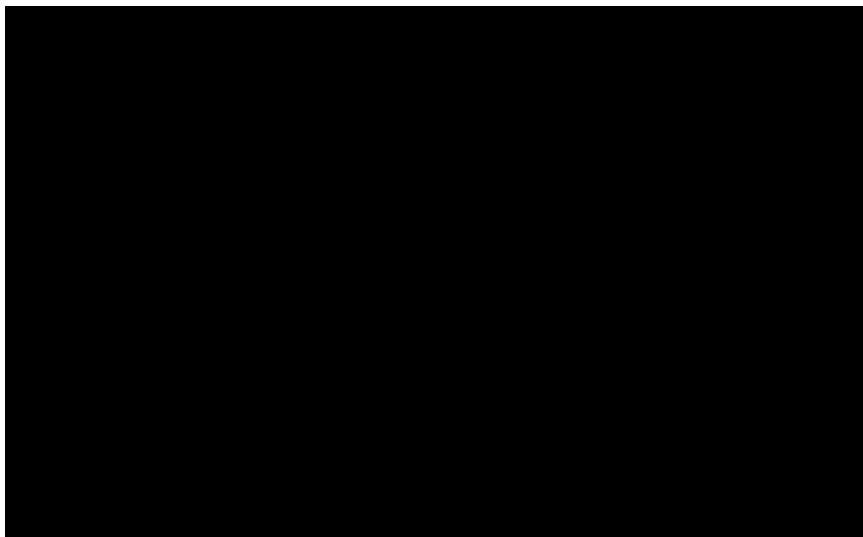
1/ The openModeller cache of environmental layers. As part of the openModeller Web Service, the getLayers call returns a simple XML collection of layers that are available on the modelling server.

2/ an OGC WCS server. The prototype managed to get a list of a available layers in a certain WCS server, but failed to retrieve them, due to lack of time.

The process is more complicated in this prototype. After retrieving the layer from WCS, it has to be pushed to the modelling service to make it available for later processing. It was not possible at this moment to consider openModeller to use remote layers in WCS servers, but this could become easier now that the GDAL library, which openModeller uses, has support for WCS.

The use of WCS services was only partly implemented as we had problems with the WCS server we were using for testing. It does not look too difficult to complete support for WCS in the prototype.

5.4. Niche Modeling service



like with WFS, we could only make use of TAPIR servers that have their data mapped to Darwin Core or ABCD 2.06 concepts.

Due

6.4.1. GBIF REST services

The Global Biodiversity

