

## **M5.28 - Implement enhanced user interface tools for managing keys in Scratchpads**

Workpackage 5 has created, in a collaboration of Julius Kühn-Institute (JKI) and Université Pierre et Marie Curie-Paris 6 (UPMC), a user interface tools which combines the creation of matrix keys in xper2 with the the ViBRANT webservice to create single-access keys (dichotomous or polytomous) keys and the wiki- and android-based user interface of the ViBRANT biowikifarm.

The data can be curated in the java-based xper interface, the single-access ViBRANT iKey+ webservice will automatically export tot he ViBRANT biowikifarm. The following examples show the appearance on the web in a web browser:



```
view-source:offene- x
view-source:offene-naturfuehrer.de/w/index.php?title=Special:TemplateParameterExport&action=submit&do=export&
1 <?xml version='1.0' encoding='utf-8' ?><MediawikiTemplateIndexer timestamp =
'2012-12-11T15:24:27'><Wiki BaseURL="http://offene-naturfuehrer.de:8880/web/"
ScriptURL="http://offene-naturfuehrer.de:8880/w/" MediaURL="http://offene-
naturfuehrer.de:8880/w/media"><Page name="Lamium_(Deutschland)/MobileKey"
harvested="2012-09-25T09:46:33" modified="2012-09-25T07:46:33"
namespace="n"><Template name="MobileKey"><Title>Lamium
(Deutschland)</Title><Derived_From>http://offene-
naturfuehrer.de:8880/web/Lamium_(Deutschland)</Derived_From><Best_Quality_URI>h
tp://offene-
naturfuehrer.de:8880/w/media/MobileKey/Lamium_(Deutschland)</Best_Quality_URI>
<Exchange_1_URI>http://offene-
naturfuehrer.de:8880/w/media/MobileKey/Lamium_(Deutschland)/Lamium_(Deutschland
)_media_included.mobilekey.zip</Exchange_1_URI><Exchange_1_Format>application/z
ip</Exchange_1_Format><IconURL>http://species-
id.net/o/media/thumb/1/1f/Determination_logo_2_question.svg/64px-
Determination_logo_2_question.svg.png</IconURL><Exchange_2_URI>http://offene-
naturfuehrer.de:8880/w/media/MobileKey/Lamium_(Deutschland)/Lamium_(Deutschland
)_text_only.mobilekey.zip</Exchange_2_URI><Exchange_2_Format>application/zip</E
xchange_2_Format><Exchange_3_URI>http://offene-
naturfuehrer.de:8880/w/media/MobileKey/Lamium_(Deutschland)/media-file-
list.xml</Exchange_3_URI><Exchange_3_Format>application/xml</Exchange_3_Format>
<File_1_Size>417.1 KB</File_1_Size><File_2_Size>42.38
KB</File_2_Size><File_3_Size>22.71
KB</File_3_Size><Creation_Time>3</Creation_Time></Template></Page></Wiki><Wiki
BaseURL="http://offene-naturfuehrer.de/web/" ScriptURL="http://offene-
naturfuehrer.de/w/" MediaURL="http://offene-naturfuehrer.de/w/media"><Page
name="Amphibien_und_Reptilien/MobileKey" harvested="2012-09-25T09:46:33"
modified="2012-09-25T07:46:33" namespace="n"><Template
name="MobileKey"><Title>Amphibien und
```

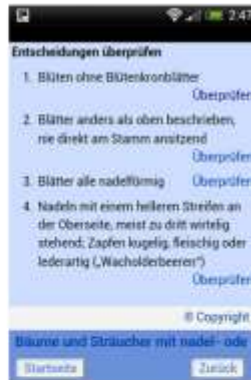
which is offered for over-the-air download to Android-based Smartphones. The following show some examples of the user interface on a mid-range (average screen size) Smartphone:

## Example: German key to woody plants

### Identification steps



### Progress review



### Result



### Image zoom

