

Progress Summary

Task Force 1: Ecology and Identification

Krakow 20th – 21st February 2014

Current status and introduction

An introduction and recap was given outlining TF1's task. Current status confirms 33 Current Members, amongst 25 Institutions within 16 Countries. The main focus of the parallel session was an introduction to, and the refinement of TF1's section of the database.

Introduction of TF1 database concept:

It was suggested at the outset of the meeting that the database fields concerning TF1 should:

- Be product based (one record per product)
- Have a similar framework between Product Types (WGs)
 - 1) General
 - 2) Site Conditions
 - 3) WG specifics
 - 4) Production & Usage
- Have some fields cross reference (E.g. Country and Climate) to aid the user in data entry
- Utilise pre-existing classification systems such as the Köppen-Geiger climatic classification system, WRB soil classification system and the EEA forest type classification system.
- Have simplified answer methods to further help data entry as suggested below:
 - A) Drop down list
 - B) Number
 - C) Free text

Parallel session outcomes:

During the parallel session the database was discussed in detail, participants were separated into respective working groups and asked to critique the preliminary database headers (see **appendix**).

- Issues with Climate/ Forest type/ Soil classification
 - Somewhere between too complicated and not detailed enough, a solution must be sought to allow the user to input this data with no prior knowledge of these classification systems
- Issue with similar products, a facility to copy and edit records should be implemented.
- Issue with multiple products from the same species source, for example meat and fur from the same game species.
- Additional questions to be considered concerning (brackets denote affected WGs):
 - Altitude/ Latitude (possibly as a proxy for mean annual air temp.) **(All)**
 - Seasonality/ Phenology of products (when is it harvested) **(All)**
 - Stand development stage instead of tree age **(WG1)**
 - Ecology - parasitic/ mycorizal/ saprotrophic **(WG1)**
 - Utilised parts e.g. shoots, roots, stem, leaves **(WG3)**
 - Include other threats to production e.g. overuse, pest disease **(All)**



- **Session Conclusions**

- The outline concept is solid and we will proceed as suggested.
- Adjustments to the database headers will be made to reflect the discussions held during the session.
- To be successful the database must be user friendly for both data entry and end user.
- The overarching message taken from the session is that a balance is needed between sufficient detail within each record and the time taken to input.

Next Steps

- Finalisation of TF1's database contribution (TF leader)
- Consolidation of WG tasks: what can WGs offer to TF1? (Members)
- Continued review of database headers as WG experts (Members)
- Propose structure of book chapter (TF leader)
 - Dependence on decided structure
- Data input of product details → Database (Members)
 - Upon completion of database design

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TF1 Vice coordinator

Appendix: Proposed database headers

	WG1 - Mushrooms & Truffels	WG2 - Tree products	WG3 - Understory Plants	WG4 - Animal Origin
1	Product Name	Product Name	Product Name	Product Name
2	Product Type	Product Type	Product Type	Product Type
3	Species derivative (English name)	Species derivative (English name)	Species derivative (English name)	Species derivative (English name)
4	Species derivative (local name)	Species derivative (local name)	Species derivative (local name)	Species derivative (local name)
5	Species derivative (Latin binomial)	Species derivative (Latin binomial)	Species derivative (Latin binomial)	Species derivative (Latin binomial)
6	Country	Country	Country	Country
7	Region	Region	Region	Region
8	Climatic Zone	Climatic Zone	Climatic Zone	Climate Region
9	Forest Category	Forest Category	Forest Category	Forest Category
10	Forest Type	Forest Type	Forest Type	Forest Type
11	Soil Type	Soil Type	Soil Type	
12	Soil Depth	Soil Depth	Soil Depth	
13	Soil pH	Soil pH	Soil pH	
14	Soil Nutrient Content	Soil Nutrient Content	Soil Nutrient Content	
15	Soil Aeration	Soil Aeration	Soil Aeration	
16	Soil Moisture content	Soil Moisture content	Soil Moisture content	
17	Mean Annual Air Temperature (°C)	Mean Annual Air Temperature (°C)	Mean Annual Air Temperature (°C)	
18	Mean Annual Precipitation Sum (mm)	Mean Annual Precipitation Sum (mm)	Mean Annual Precipitation Sum (mm)	
19	Mean Annual Precipitation sum in growing season (mm)	Mean Annual Precipitation sum during growing season (mm)	Mean Annual Precipitation sum during growing season (mm)	
20	Light Requirement	Light Requirement	Light Requirement	
21	Exposure	Exposure	Exposure	
22	Tree Age			
23	Required Cohabiting/Symbiotic Species			
24		Tree Form		
25		Max Age (yr)		
26		Max Height (m)		
27		Ave. Crown dimensions (m)		
28		Maturation time (yrs)		
29			Overstory age (yrs)	
30				Required Cohabiting Species
31				Habitat size/range (ha)
32				Forest Exclusivity
33	Commercial	Commercial	Commercial	Commercial
34	Usage	Usage	Usage	Usage
35	Detail of usage	Detail of usage	Detail of usage	Detail of usage
36	Wild or Cultivated	Wild or Cultivated	Wild or Cultivated	Wild or Cultivated
37	Production system	Production system	Production system	Production system
38	Demand	Demand	Demand	Demand
39	Innovative use?	Innovative use?	Innovative use?	Innovative use?
40	Example of Innovative use	Example of Innovative use	Example of Innovative use	Example of Innovative use
41	Threats to Production	Threats to Production	Threats to Production	Threats to Production

