



Interreg Project CE614

D.T2.3.1 Establishing a common database

National Lists CSV guide (v.3)

"Interreg CENTRAL EUROPE Project to improve conservation and sustainable utilization of forest tree diversity in climate change"

1 Content

1	Content.....	2
2	List of Tables.....	2
3	General Information.....	3
4	File Format.....	3
5	Column description	3
5.1	Column A – Member State	3
5.2	Column B – Tree species.....	4
5.3	Column C – Category	4
5.4	Column D1 – Region of provenance.....	4
5.4.1	Example	4
5.5	Column D2 – National register reference of basic material.....	4
5.5.1	Example	5
5.6	Column E/F – Latitude/Longitude	5
5.7	Column G – Location or origin data.....	5
5.8	Column H1 – Altitude from	5
5.9	Column H2 – Altitude to.....	5
5.10	Column H3 – Altitude average	5
5.11	Column I – Type of basic material	5
5.12	Column J – Area.....	6
5.13	Column K – Origin.....	6
5.14	Column L – Origin_2	6
5.15	Column M – Purpose	6
5.16	Column O – Harvest.....	6
5.17	Column P – Date of registration	7
5.18	Column Q – Last change of basic data.....	7
5.19	Column R – Remarks.....	7

2 List of Tables

Table 1: Country abbreviations for column A	3
Table 2: Species abbreviations for column B	4
Table 3: Category code for column C	4
Table 4: Basic material codes for column I.....	6
Table 5: Origin codes for column K	6
Table 6: Purpose codes for column M.....	6

3 General Information

Although national regulations on forest reproductive material in all Central European countries follow the Council Directive 1999/105/EG a link between national registers is missing. The SUSTREE database for forest reproductive material is created to combine national registers following the CD 1999/105/EG with the assistance of newly developed provenance delineation models. Therefore data of National Lists of SUSTREE participating countries for the species *Quercus robur*, *Quercus petraea*, *Picea abies*, *Pinus sylvestris*, *Larix decidua*, *Fagus sylvatica* and additionally *Abies alba* are collected and merged into one database. The column description on this guide mainly follows the 'Guidelines for filling in the different columns of the national list of basic material' of the CD 1999/105/EG.

4 File Format

This file contains information needed to submit data in a semicolon separated csv-file to the ASP. Please make sure all columns are included and in the given sequence in your document, even if they are empty.

The data types in use in the submitted csv files are listed below:

- **Integer:** Numeric value with no decimal.
- **Boolean:** Boolean value (represented as a 1 for true and a 0 for false).
- **Code:** Code value, chosen in a list of valid codes given under the type of the data.
- **String:** alphanumeric value for free text. Value must not contain special characters like the carriage return or the semi-colon.
- **Date:** Date value. The date format is YYYY-MM-DD.

"NULL" values or "NA" values should be left as empty cells.

5 Column description

5.1 Column A – Member State

Description: This column contains the EU Member State abbreviation in capitals.

Type: String

Condition: Mandatory

Country	Abbreviation
Poland	PL
Germany	DE
Czech Republic	CZ
Slovakia	SK
Austria	AT
Hungary	HU

Table 1: Country abbreviations for column A

5.2 Column B – Tree species

Description: Column B is the tree species abbreviation of the seven SUSTREE species.

Type: String

Condition: Mandatory

Tree Species	Tree Species Abbreviation
<i>Abies alba</i>	aal
<i>Fagus sylvatica</i>	fsy
<i>Larix decidua</i>	lde
<i>Picea abies</i>	pab
<i>Pinus sylvestris</i>	psy
<i>Quercus petraea</i>	qpe
<i>Quercus robur</i>	qro

Table 2: Species abbreviations for column B

5.3 Column C – Category

Description: Column C is the category code listed in Table 3.

Type: Code

Condition: Mandatory

Code	Label
1	Source identified
2	Selected
3	Qualified
4	Tested (Genetically evaluated/comparatively tested/provisionally tested to be indicated in Column R)

Table 3: Category code for column C

5.4 Column D1 – Region of provenance

Description: National code or name of the region of provenance.

Type: String

Condition: Optional

5.4.1 Example

Austria: Innenalpen - Kontinentale Kernzone, mittelmontan

Germany: 840 27 (840: *Picea abies*, 27: Alpenvorland)

Czech Republic: 36

5.5 Column D2 – National register reference of basic material

Description: Register reference according to Council Directive 1999/105/EC. This column is mandatory for all basic material.

Type: String

Condition: Mandatory

5.5.1 Example

Slovakia: 20412PO-598

Germany: 91800030022

Austria: Ta 1(1.1/mm)

5.6 Column E/F – Latitude/Longitude

Description: For latitude and longitude, provide the data with the highest precision possible, (i.e. higher than degrees and minutes as requested in the national list). If you have the high-precision data in another coordinate system, provide this. If data are available as polygons, coordinates of the central point should be provided. In case of differing origin and location data please provide the coordinates of the origin of the seeds in column E/F and state the actual location data in column R.

Type: String

Condition: Mandatory

5.7 Column G – Location or origin data

Description: This column gives the information if the coordinates in column E/F belong to the actual location or the origin of the seeds. 0 for actual location and 1 for origin coordinates. This is of special interest for seed orchards, to see if the coordinates show the location of the orchard or of the provenance. In the case of seed stands, the actual location and the origin are the same and this can be set to 0.

Type: Boolean

Condition: Mandatory

5.8 Column H1 – Altitude from

Description: Altitude in **meters** above sea level. This is the exact altitude or the lower value in case that a range is available.

Type: Integer

Condition: Mandatory if no altitude average is available

5.9 Column H2 – Altitude to

Description: This is the altitude in **meters** above sea level. It needs to be filled in if a range is available. If no range is available set this to NULL.

Type: Integer

Condition: Optional

5.10 Column H3 – Altitude average

Description: This is the mean altitude in **meters** above sea level. It needs to be filled in if no range or exact altitude is available.

Type: Integer

Condition: Optional. If no exact altitude (Altitude from) is available, this is mandatory

5.11 Column I – Type of basic material

Description: Basic material describes the source from which the reproductive material is collected following the codes given in Table 4.

Type: Code

Condition: Mandatory

Code	Label
1	Seed source
2	Stand
3	Seed Orchard
4	Parents of family(ies)
5	Clone
6	Clonal mixture

Table 4: Basic material codes for column I

5.12 Column J – Area

Description: For mixed stands, the effective area of the species in question in **hectare**, i.e. the percentage of the total area that corresponds to the abundance/cover of the species. Where this is not appropriate the number of trees followed by 'T'.

Type: String

Condition: Mandatory

5.13 Column K – Origin

Description: Origin describes the autochthony of a species following the codes in Table 5.

Type: Code

Condition: Mandatory

Code	Label
1	Autochthonous/Indigenous
2	Non-autochthonous/Non-indigenous
3	Unknown

Table 5: Origin codes for column K

5.14 Column L – Origin_2

Description: Describes the origin of basic material stated in column K as 'non-autochthonous/non-indigenous'.

Type: String

Condition: Optional

5.15 Column M – Purpose

Description: This column describes if the forest is multifunctional (1) or for another specific purpose (2) which then should be indicated in column R.

Type: Code

Condition: Mandatory

Code	Label
1	Multifunctional forest
2	Other specific purpose

Table 6: Purpose codes for column M

5.16 Column N – Harvest

Description: This column gives the information if the stand is being harvested (1) or not (0).

Type: Boolean

Condition: Mandatory

5.17 Column O – Date of registration

Description: This column gives the date when the stand has been registered for the first time in the national register. Please use the format YYYY-MM-DD.

Type: Date

Condition: Mandatory

5.18 Column P – Last change of basic data

Description: This column gives the date when the information for the entry has been updated the last time in the national register. Please use the format YYYY-MM-DD.

Type: Date

Condition: Mandatory

5.19 Column Q – Remarks

Description: This column is for further information of column C, E/F and M.

Type: String

Condition: Optional