

Step 1 – Create a txt-file with the “rules” for merging the species

JUICE_expert_system_species_names.txt – Poznámkový blok

Soubor Úpravy Formát Zobrazení Nápověda

SECTION 1: Species aggregation Do not change this line!

```
Veronica spicata } Updating a name - 6
Pseudolysimachion spicatum } 6

Astragalus monspessulanus s. illyricus } Correcting a typo - 6
Astragalus monspessulanus s. illyricu } 6

Ajuga chamaeipytis - 6
Ajuga chamaeipytis s. chamaeipytis 6
Ajuga chamaeipytis s. chia 6

Acer pseudeplatanus } Combining the same species from - 7
Acer pseudeplatanus } different layers! 7
Acer pseudeplatanus } 6

Acinos alpinos - 6
Acinos alpinus s. alpinus 6
Acinos alpinus s. hungaricus } Combining taxa under 6
Acinos alpinus s. majoranifolius } one name 6
Acinos alpinus s. meridionalis } 6
```

```
SECTION 1: End
SECTION 2: Species groups
SECTION 2: End
SECTION 3: Group definitions
SECTION 3: End
SECTION 4: Similarity
SECTION 4: End
```

Do not change this lines!

In this section you specify into which new taxon you wish to combine your taxa from TV dbase. You can enter as many entries as you wish. Just keep the spaces the same as in the txt-fiel sent.

TV layers
Should be always at the same position! For adjustment of the position use only 'space' and NO tab

The first species with a dash ('-') before the number are those to be preserved in Juice and into which the others are combined or modified.

Step 2 - Import the database with full species names (now shown)
 Step 3 - Open the txt-file with the "rules" for merging the species

JUICE - (c:\users\s

File Edit Species Relevés Table Head Sorting Separators Synoptic Table Indicator Values Analysis Table Simulation Help

Species green Relevé blue

Statistics: Phi coeff. C

Download <<< New update (2013-04-19) is available.

Group number:

Relevés 173
Species 990

- Eryngium campestre 6
- Anthemis tinctoria 6
- Achillea pannonica 6
- Achillea clypeolata 6
- Bombycilaena erecta 6
- Carduus thoermeri 6
- Scandix australis 6
- Vincetoxicum hirundinaria 6
- Crepis sancta 6
- Inula oculus-christi 6
- Tanacetum millefolium 6
- Taraxacum serotinum 6
- Lappula squarrosa 6
- Alyssum strigosum 6
- Alyssum alyssoides 6
- Erysimum diffusum 6
- Hornungia petraea 6
- Thlaspi perfoliatum 6
- Arenaria serpyllifolia 6
- Cerastium bulgaricum 6
- Minuartia hybrida 6
- Helianthemum salicifolium 6
- Rhodax canus 6
- Convolvulus cantabrica 6
- Scabiosa ochroleuca 6
- Euphorbia myrsinites 6
- Euphorbia nicaeensis s. dobrogensis 6
- Euphorbia agraria 6
- Astragalus onobrychis 6
- Chamaecytisus jankae 6
- Coronilla scorpioides 6
- Medicago lupulina 6
- Medicago minima 6
- Trigonella gladiata 6
- Iris suaveolens 6
- Marrubium peregrinum 6
- Salvia austriaca 6
- Satureja coerulea 6
- Scutellaria orientalis s. pinnatifida 6
- Teucrium chamaedrys 6
- Thymus zygoides 6
- Gagea pusilla 6
- Hyacinthella leucophaea 6
- Muscari neglectum 6
- Orobanche alba 6
- Paeonia tenuifolia 6
- Plantago lanceolata 6
- Aegilops geniculata 6
- Agropyron cristatum 6
- Bromus japonicus 6

Expert System for Automatic Classification of Selected Sample Plots

Current expert file: C:\Users\salsa\Dropbox\PhD project\PhD_Salza_Plant_determinations\JUICE_expert_system_species_n...

Astragalus monspessulanus s. illyricu -> Astragalus monspessulanus s. illyricus
 Ajuga chamaeptytis s. chamaeptytis -> Ajuga chamaeptytis
 Ajuga chamaeptytis s. chia -> Ajuga chamaeptytis

How the taxa are going to be translated based on the "rules" in the txt file.

Upper list will be copied to the Clipboard. 1st, 2nd and 4th part of the ESY file (expert system source file) can be created automatically. 3rd part must be filled manually using formal definitions.

Copy to Clipboard
Create Expert File (P 1 and 2)
Create Expert File (P 4)
Close Window

Load ES File

Species name modif.

Modify Species Names

Delete Juveniles

Merge Same Spec. Names

Analyse relevé automatically after its selection in the table

Relevé:

Classify Relevé

Classify BLUE relevés

Save data to Clipboard

Limit for FPGI index (0-100):

| | | | |
|--|-------------------------|---------------------------|---------------------------|
| . 2. 323 . 2 . r . . . 222rr | + F | . 2 2 | . 2 2 |
| r2 +r212rrr2rrrr . r222r1 . rr22r+rr . . . 31rrr rrrrr . rrr 2 . r . 2 . . +2r2 +2.2 . . +rrrr2r2222r2r2 . . +2r . rr1 . +r . 2r+r . . . 1r . + . 21 | F | F | F |
| rr2+ . 2r | 3 | 2 . 2 | F |
| rr2 . 2rrr1r2rrrr2 . . . r . rr r2 r . + . 1 . +2 . 1 2rr r F | F | F | F |

1. ERYNCAM [6] Frequency: Relative No.: Row: