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# Vegetation of acidophilous grasslands in Třebíč region

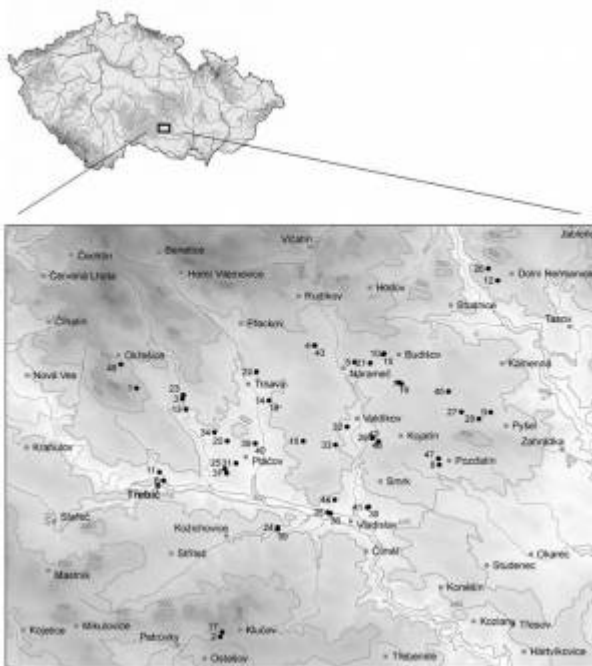
## Source of data

Zelený & Li (2008), Zelený (unpubl.)

## Description of dataset

Vegetation samples of acidophilous grasslands (16-25m<sup>2</sup>) recorded in 2004-2007.

## Locality



Distribution of grassland islands in the study region.

North of Třebíč city, Czech Republic. Grasslands typically occur on convex topography with shallow soils, and form “islands” of acidophilous vegetation in otherwise intensively managed agricultural landscape.

The file with coordinates, which can be opened in Google Earth: [grasslands.kml](#) <sup>1)</sup>

## Environmental variables

Name of variable	Description
plot	Plot number (used to store the plot in Czech National Phytosociological Database)

Name of variable	Description
area	Area of the plot [m <sup>2</sup> ]
altitude	Altitude [m a.s.l.]
aspect	Aspect [°]
slope	Slope [°]
coverE2	Cover of shrub layer [%]
coverE1	Cover of herb layer [%]
cover_moss	Cover of moss layer [%]
cover_lich	Cover of lichen layer [%]
cover_bare	Cover of bare soil [%]
pH.H	soil pH, measured in water suspension
soildepth	Soil depth, measured by iron rod [cm]
soildepth_sd	Variability of soil depth (calculated from five measurement by iron rod in one plot) [cm]
classification	Classification into associations (for details see Zelený & Li 2008)
latitude	Latitude [°]
longitude	Longitude [°]




Photo of island with acidophilous grassland (Valdíkov, Třebíč district, Czech Republic). Photo credit: D. Zelený.

## Data for download

- [grasslands-spe.txt](#)
- [grasslands-env.txt](#)

## Script for direct import of data to R

These data are for training the import of raw data into R - the script for direct import of data into R is hidden [here](#) (available after the homework is finished) .

## References

- Zelený D. & Li Ch.-F. (2008): Vegetace suchých acidofilních trávníků v oblasti třebíčského žulosyenitového plutonu [Dry acidophilous grassland vegetation in the area of Třebíč's granosyenite pluton] - *Acta Rerum Naturalium*, 5: 177-194 [pdf](#)

1)

you need Google Earth installed on your computer to open this file

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