

Ground Truthing - Species x Plot Documentation

Species Plot Documentation

Data aquisition notes

The data was recorded on the **16th May 2023** from roughly 13:00 to 16:00.

One spot with enough space around and healthy plants was randomly selected, and the first $1m^2$ were evaluated.

Afterwards 3 further plots were evaluated, each in the same distance from the center, and 120° apart from each.

Plants were identified using multiple Apps (PlantNET, Flora Incognita) and a plant guide book.

The coverage data is (mostly) in percent, and was mostly aquised by the group estimating values and averaging them.

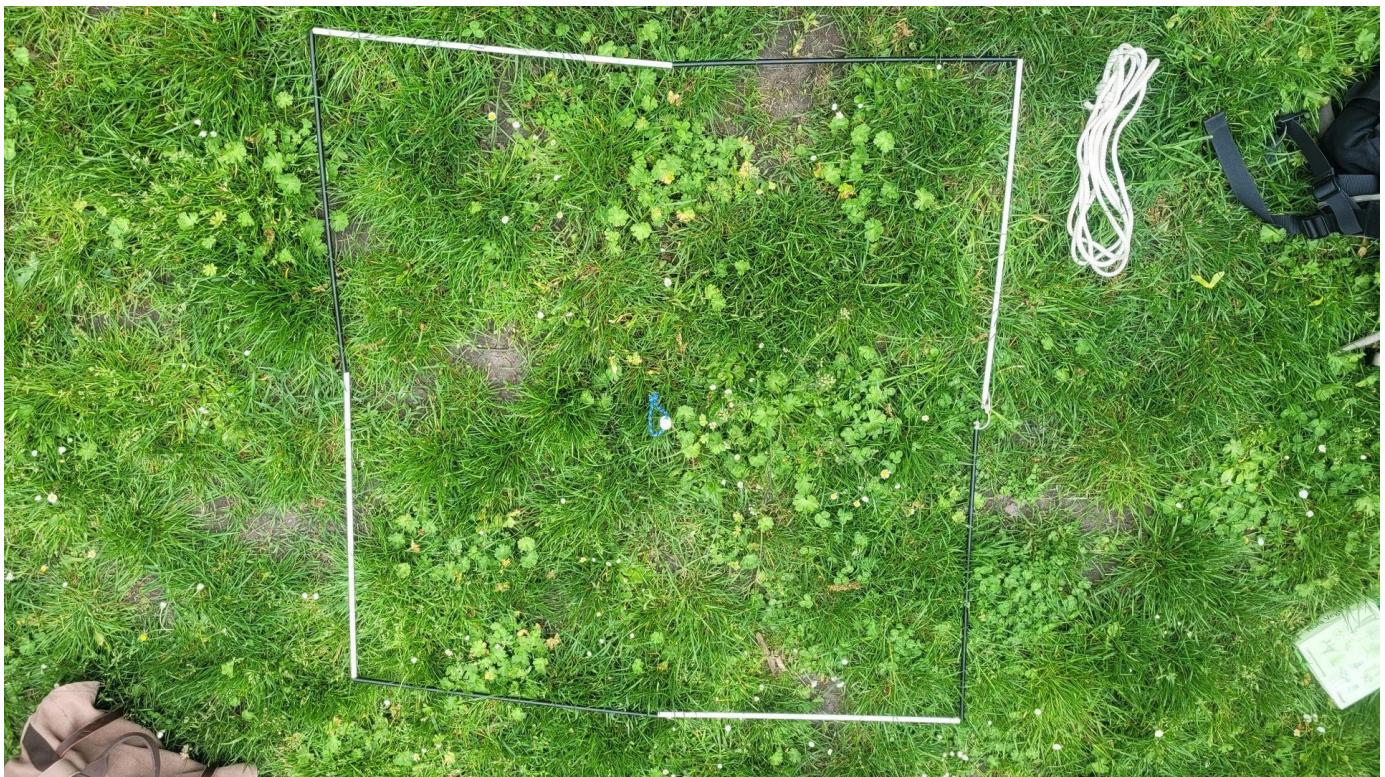
The sum of all coverages can be (much) larger then 100%, since a lot of vegetation can overlap each other.

Furthermore a lot of values were picked in relation to further estimates and measurements (e.g. comparing height to an earlier evaluated plot).

Table Header documentation

- **GroupID:** Is the ID of the assouciated group (in this case it is always 4)
- **PlotID:** ID of the subplot
- **Date:** Date of Data aquisition
- **X/Y-Coordinate:** GPS Coordinates of the plot center
- **Litter:** Litter was mostly dead plant material in any case
- **Soil:** Is the area not covered with plants but bare soil
- **Water:** Denotes bodies of water in the plot. Since it was a dry park, all the values here are 0
- **Moss:** Percentge covered by any kind of moss
- **Height:** A ruler was used to measure some height, and the average height was then estimated.
- **Further Header values:** Further header values are all the found latin names of plants, a nonexistent value means no instance of said species could be found

Pictures of the plots



Taken at 2023.05.16, 13:32



Taken at 2023.05.16, 14:37



Taken at 2023.05.16, 15:03



Taken at 2023.05.16, 15:14