

Ecology Practice, Tree/Shrub Population Survey, 2025

The following points are where different groups need to conduct a survey of woody vegetation and any observed bird species, **in the order specified below to avoid disturbing each other** (the name of the forest section is given in parentheses on the attached map):

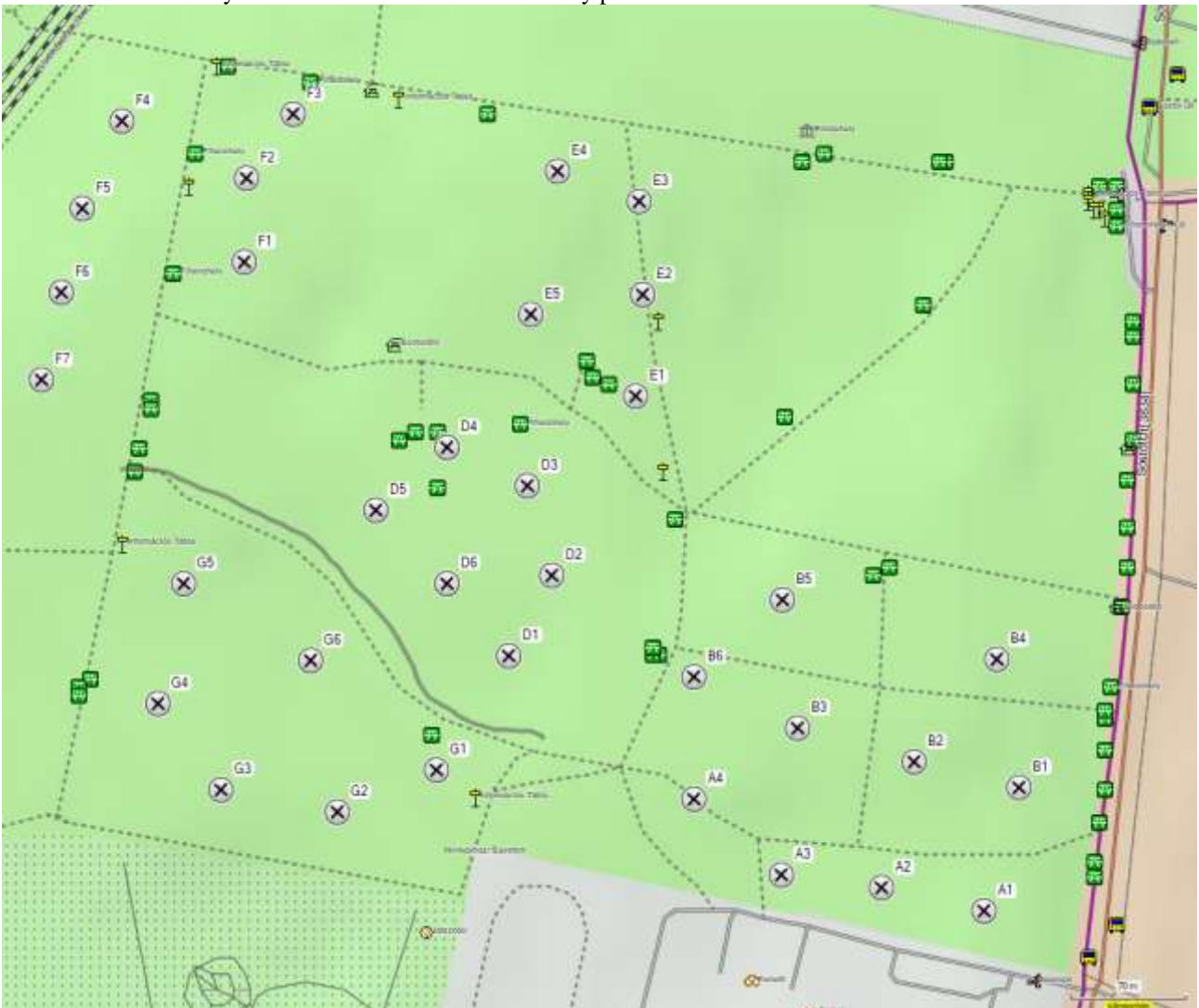
1. group. G6, G3, G4, G5, F6, F5, F1, F2
2. group. F6, F5, F1, F2, G6, G3, G4, G5,

The report must include the group number and the names of the group members.

Tasks to be performed upon arrival at the designated point:

1. The report must include the point number and the letter code of the GPS device used.
2. arrival date and time (hour:minute), and the names of the surveyors
3. Survey of the woody plant community:
 - a) A 10-meter-long string should be used to mark a 10×10 m quadrat, and the following data related to the quadrat must be recorded in the report:
 - b) Approximate name of the surveyed plant community
 - c) Data on the slope angle and cardinal direction exposure
 - d) Information about the bedrock and soil
 - e) The total coverage percentage of different vertical layers of the vegetation in the quadrat must be estimated.
 - i. Canopy
 - ii. Shrub
 - iii. Herbaceous layer
 - f) The height (m) of distinct layers
 - g) The age of the trees, the average trunk diameter (measured 1.3 m above ground level in cm)
 - h) Other factors influencing the woody community observed in the quadrat (e.g., forestry work, dead trees, litter, etc.)
 - i) Prepare a species list for all woody species identified in the quadrat**
 - j) For each identified woody species, determine the number of individuals (above 40 cm) counted in the quadrat**
 - k) Count the number of woody individuals in each quadrat whose species could not be identified**
4. Bird species and their numbers observed within a 50 m radius of the point during the survey
5. The departure time from the point (hour:minute)

The map of the forest to be surveyed. The numbers indicate the survey points.



**At the end of the fieldwork, the report and the collected equipment must be handed in to room 320!
In case of any issues, Dr. Tibor Szép can be reached at the +36 30 9655 836 mobile number!**