

GENERAL INFORMATION

author(s)	Zahedi Amiri G
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MATERIALS & METHODS

study area	5 n (scientific zone)
time period	
goal	classification of forest ecosystems based on the differences in herb and moss layers and the relationship between these layers and the soil
set-up	level II rectangular ash and circular oak-beech plot: soil sampling 169 plots of 10 m x 10 m: soil and vegetation sampling <ul style="list-style-type: none"> - Plot 1.1 m radius: moss - 50 cm x 50 cm plot: humus - centre of 78 of the grid plots: soil - 169 plots: vegetation 10 strip plots of 20 m (6 sampling points): soil sampling
data collection	level II plots: <ul style="list-style-type: none"> - 2 profile pits - 9 soil cores per plot grid & strip plots: <ul style="list-style-type: none"> - vegetation <ul style="list-style-type: none"> o tree&shrub (> 7m, 1–7 m), herb (0.1–1 m), moss o Braun-Blanquet o Herb layer: April-May, July-August - soil (L F H, 0–5, 5–15, 15–50, 50–100) <ul style="list-style-type: none"> o L F H: thickness, description (138 plots) o soil: texture tertiary and quaternary substrate, description, root penetration, pH & C (120 points), N (60 points)
remarks	Fig. 2.5 p 83: scheme soil sampling

RESULTS

Diagram of the two profile pits (Fig. 2.6 p 85).

Soil pH and humus quality are correlated with the vegetation patterns. The classification differentiates between a typical mull and acid mull and a mull-moder and moder humus type. The depth of the Tertiary layer varies considerably within the study area.