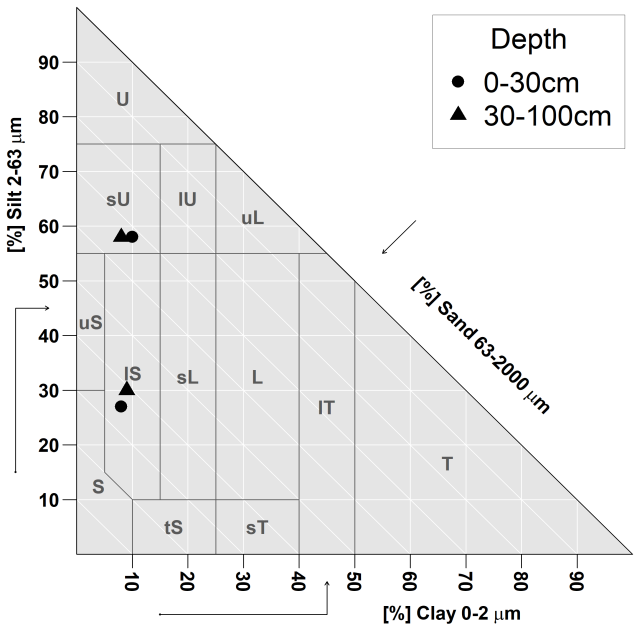
FxK- fluvial coarse deposits, calcite, pure

General parameters

Area	33.82 km2
Percentage on total forest mapped area	0.7 %



Physics - mean values of all considered profiles (16)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	55 ± 30	31 ± 23
15-30	85 ± 15	
30-60	85 ± 10	
60-100	85 ± 10	

Chemistry - stock of available profiles (0)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha

All stock values, 0-80 cm including humus layers (F,H), are short term available, except for phosphorus, which has long term availability

Chemistry - mean values of all considered profiles (9)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	764.4	99.94	1	0.96	17.69	18.43	6.59
5-10	728.66	99.94	1	0.94	17.15	18.24	6.63
10-20	491.29	100	1	0.46	6.83	14.85	7.13
20-40	280.49	100	1	0.22	3.39	15.41	7.29
40-80	172.82	100	1	0.19	2.6	13.68	7.27

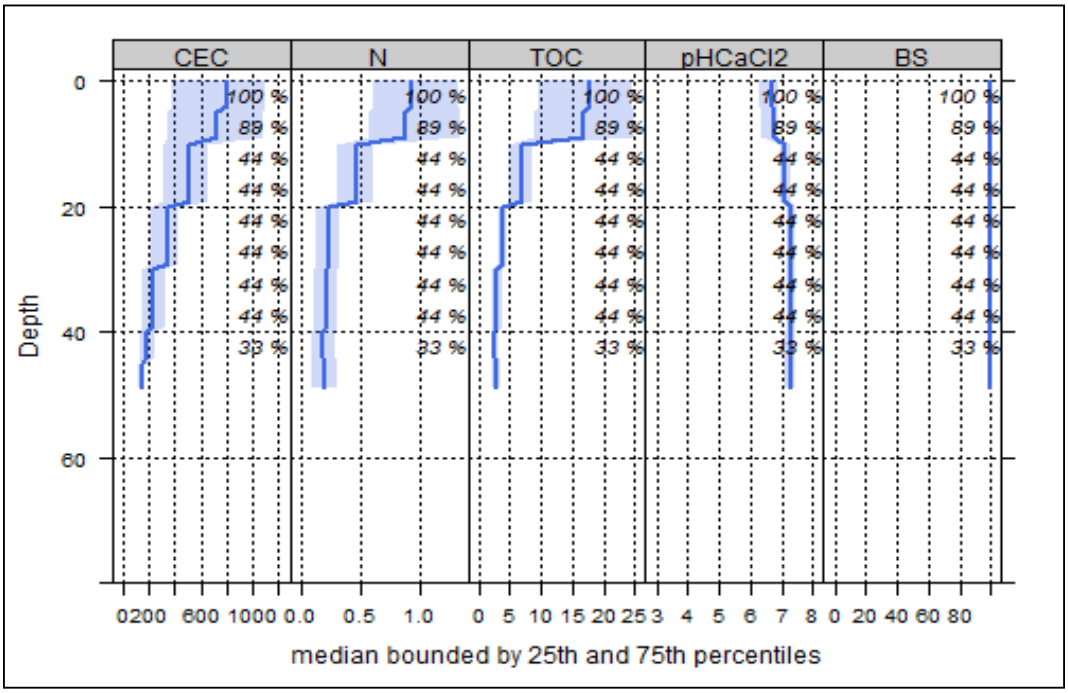
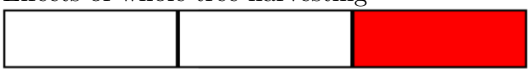


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation at each depth step.

Biomass use

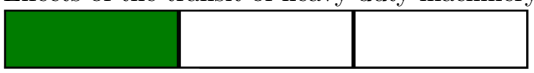
Effects of whole-tree harvesting



Strong negative effects

Compaction risk

Effects of the transit of heavy-duty machinery



Minor negative effects