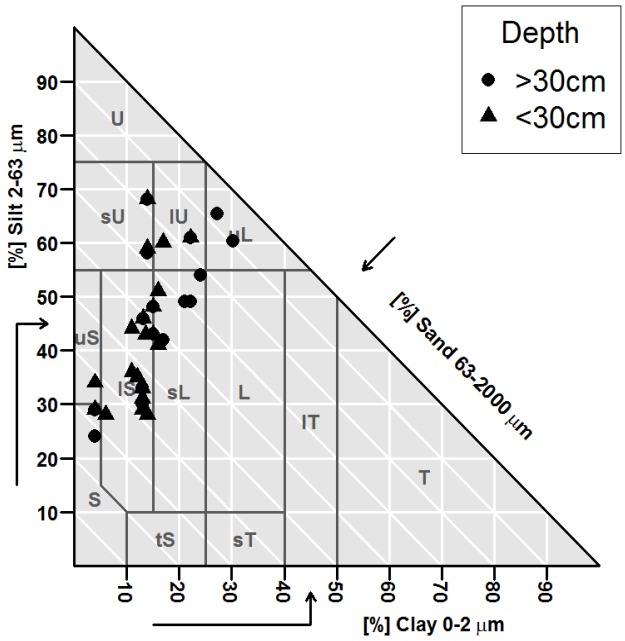
FeI0

Solid rock, siliceous-intermediate, intermediate



General parameters

Area	461.57 km2
Percentage on total forest mapped area	9.5 %

Physics - mean values of all considered profiles (124)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	25 ± 25	69 ± 41
15-30	45 ± 30	
30-60	55 ± 30	
60-100	70 ± 25	

Chemistry - stock of available profiles (7)

Ctot	Ntot	Ca	Mg	K	P
t/ha	kg/ha	kg/ha	kg/ha	kg/ha	kg/ha
123.56	2753.95	735.08	158.73	157.35	1304.2

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 (36)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	Ca/BC	Mg/BC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-10	142.29	31.41	0.63	0.27	0.42	8.61	20.5	3.61
10-20	75.1	21.01	0.53	0.29	0.21	3.7	17.62	4
20-40	46.25	29.64	0.54	0.29	0.15	2.7	18	4.3
40-80	44.37	35.49	0.53	0.31	0.12	2.27	18.92	4.39

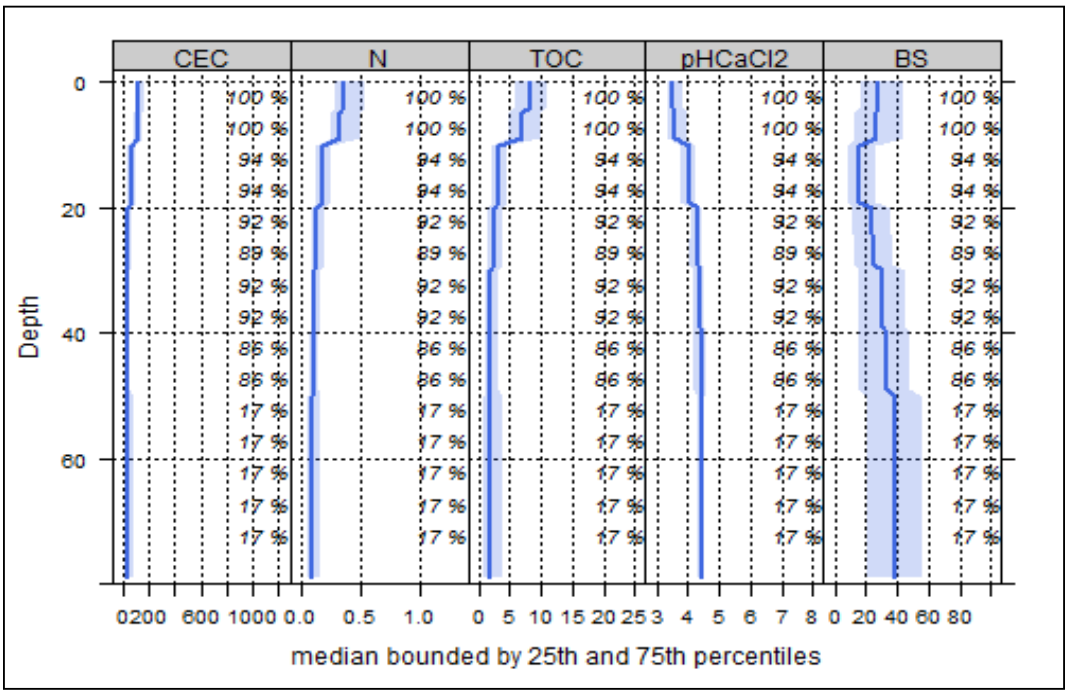
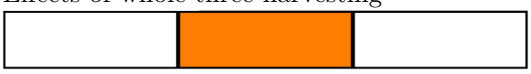


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%)

Biomass use

Effects of whole three harvesting



Intermediate negative effects

Compaction risk

Effects of heavy machines transit on the soil

Occasionally critical