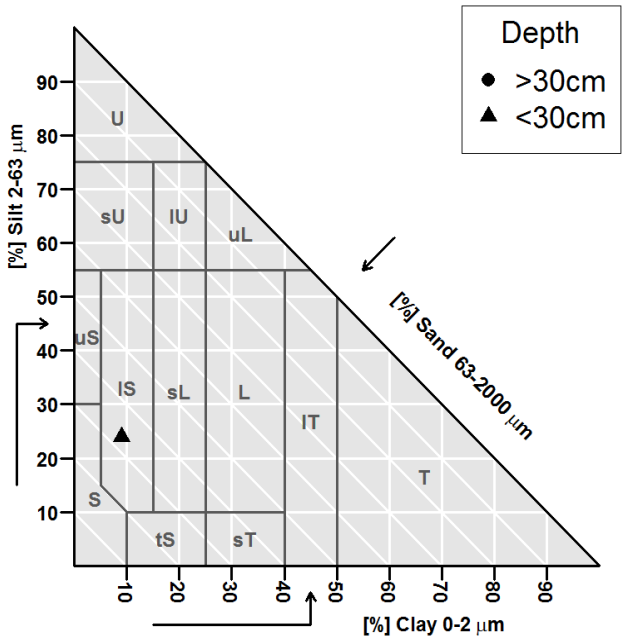
HaM0

Debris, siliceous carbonate-poor, intermediate

General parameters

Area	38.15 km2
Percentage on total forest mapped area	0.78 %



Physics - mean values of all considered profiles (27)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	20 ± 20	90 ± 40
15-30	35 ± 25	
30-60	50 ± 30	
60-100	75 ± 20	

Chemistry - stock of available profiles (0)

Ctot	Ntot	Ca	Mg	K	P
t/ha	kg/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 (2)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	Ca/BC	Mg/BC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-10	100.57	56.29	0.83	0.14	0.37	5.9	15.95	4.07
10-20	70.5	59.31	0.84	0.13	0.26	3.8	14.62	4.41
20-40	70.68	73.82	0.82	0.12	0.18	2.48	13.78	5.22
40-80	60.45	68.41	0.81	0.1	0.1	1.15	11.5	5.31

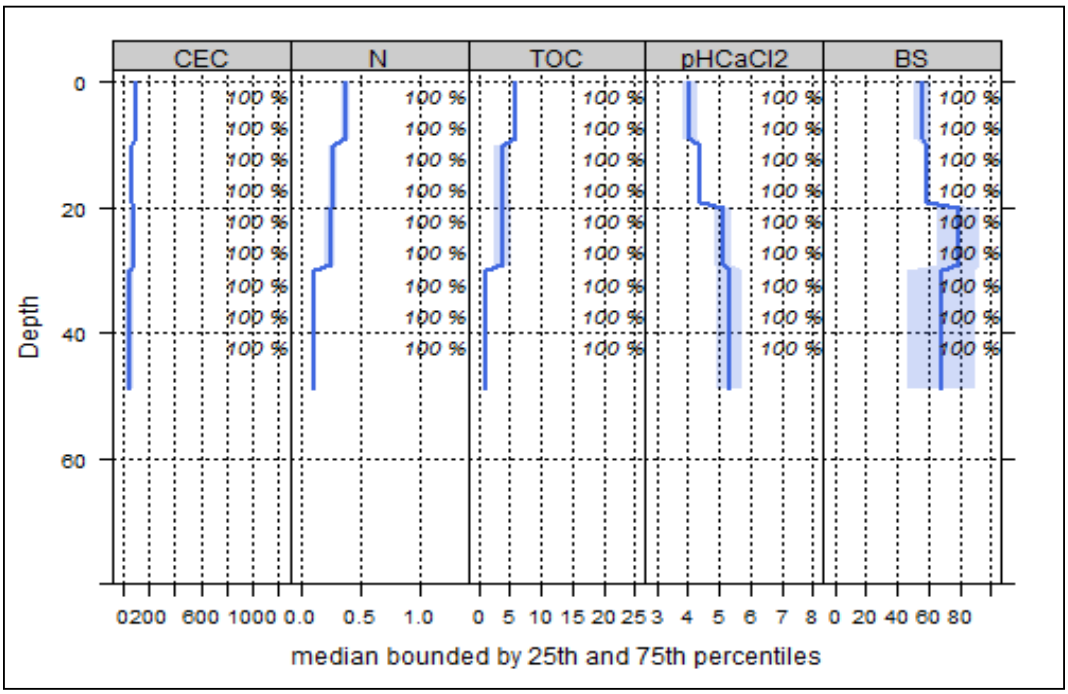
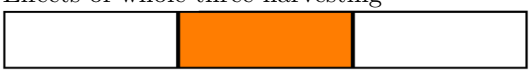


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%)

Biomass use

Effects of whole three harvesting



Intermediate negative effects

Compaction risk

Effects of heavy machines transit on the soil

Occasionally critical