

General parameters

Area	6.44 km ²
Percentage on total forest mapped area	0.13 %

Physics - mean values of all considered profiles (3)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m ²]
0-15	25 ± 20	73 ± 24
15-30	35 ± 30	
30-60	55 ± 25	
60-100	85 ± 10	

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	pH _{CaCl2}
0-10	525.58	99.1	0.94	0.05	0.42	8.75	20.83	6.25
10-20	327.47	98.97	0.96	0.04	0.26	4.9	18.85	6.35
20-40	257.2	99.41	0.97	0.02	0.19	2.98	15.68	6.7
40-80	186.59	100	0.98	0.02	0.15	1.8	12	6.9

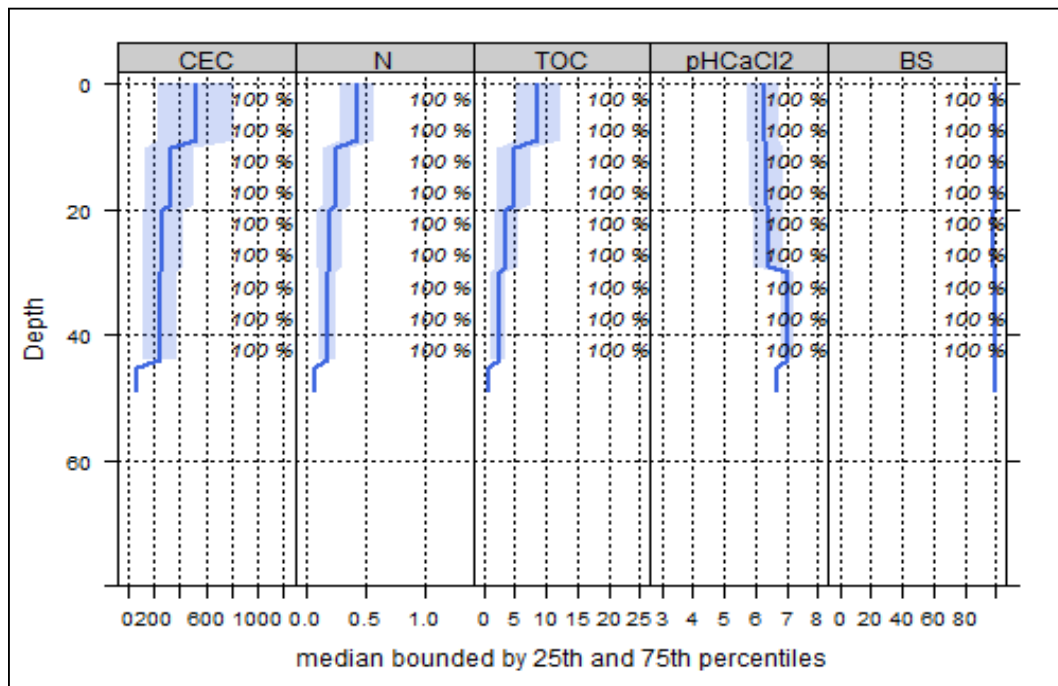
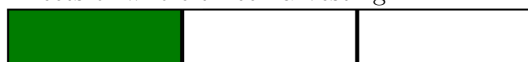


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%)

Biomass use

Effects of whole three harvesting



Minor negative effects

Compaction risk

Effects of heavy machines transit on the soil



Occasionally critical