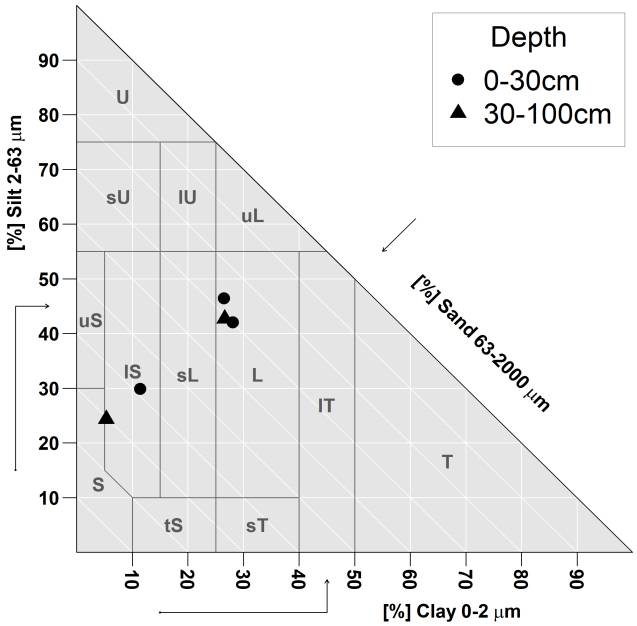
SxM0

solid bedrock, calcareous-siliceous rocks, impure

General parameters

Area	51.13 km2
Percentage on total forest mapped area	1.05 %



Physics - mean values of all considered profiles (49)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	25 ± 25	84 ± 54
15-30	40 ± 30	
30-60	50 ± 35	
60-100	45 ± 30	

Chemistry - stock of available profiles (2)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
132.43	6.73	5131.89	173.4	159.57	1079.77

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 (6)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	226.89	94.26	0.93	0.38	6.45	16.97	5.18
5-10	210.33	94.97	0.93	0.32	5.3	16.56	5.28
10-20	145.03	93.75	0.92	0.18	2.2	12.22	5.55
20-40	122.54	88.91	0.87	0.13	1.53	11.77	6.08
40-80	75.46	98.79	0.95	0.1	1.05	10.5	7.03

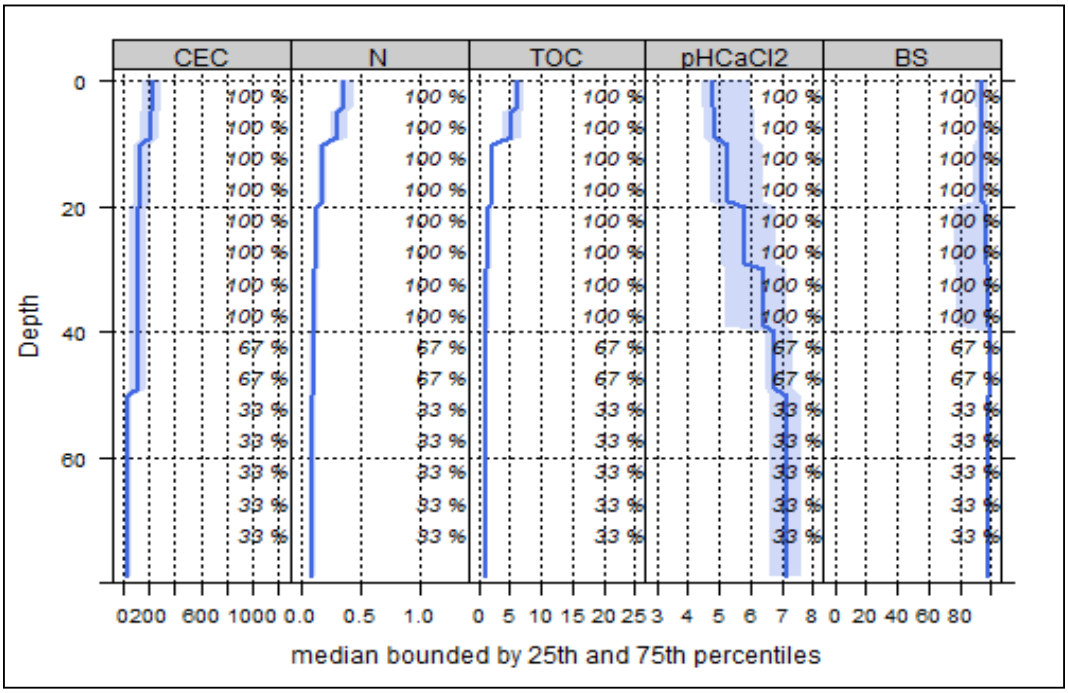
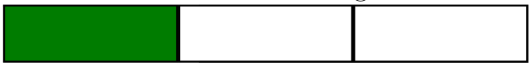


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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

Biomass use

Effects of whole-tree harvesting



Minor negative effects

Compaction risk

Effects of the transit of heavy-duty machinery

Occasionally critical