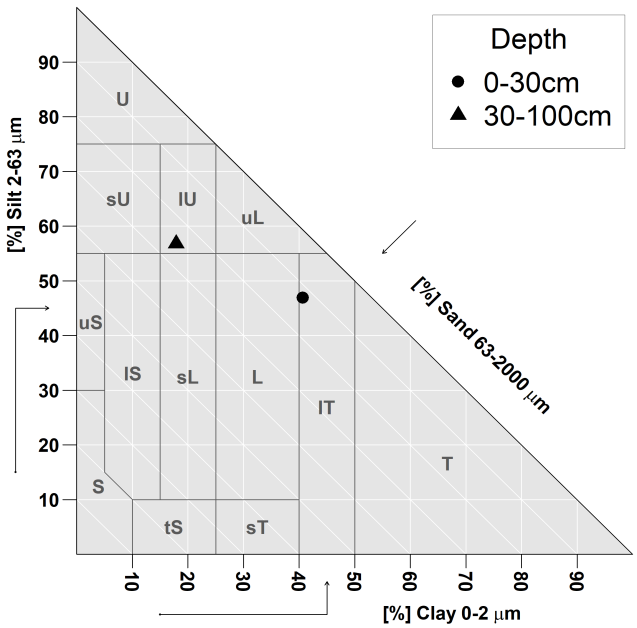
SxC+

solid bedrock, siliceous-calcareous rocks, highly impure

General parameters

Area	112.2 km2
Percentage on total forest mapped area	2.31 %



Physics - mean values of all considered profiles (25)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	15 ± 25	117 ± 52
15-30	20 ± 25	
30-60	30 ± 35	
60-100	35 ± 40	

Chemistry - stock of available profiles (1)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
83.8	5.56	4964.53	1223.48	55.12	861.89

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 (5)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	395.95	89.17	0.88	0.51	8.09	15.86	5.46
5-10	401.09	89.18	0.88	0.53	8.68	16.38	5.5
10-20	326.88	78.07	0.77	0.37	4.85	13.11	5.64
20-40	276.16	78.87	0.78	0.22	2.46	11.18	6.2
40-80	162.02	87.82	0.87	0.11	0.86	7.82	6.67

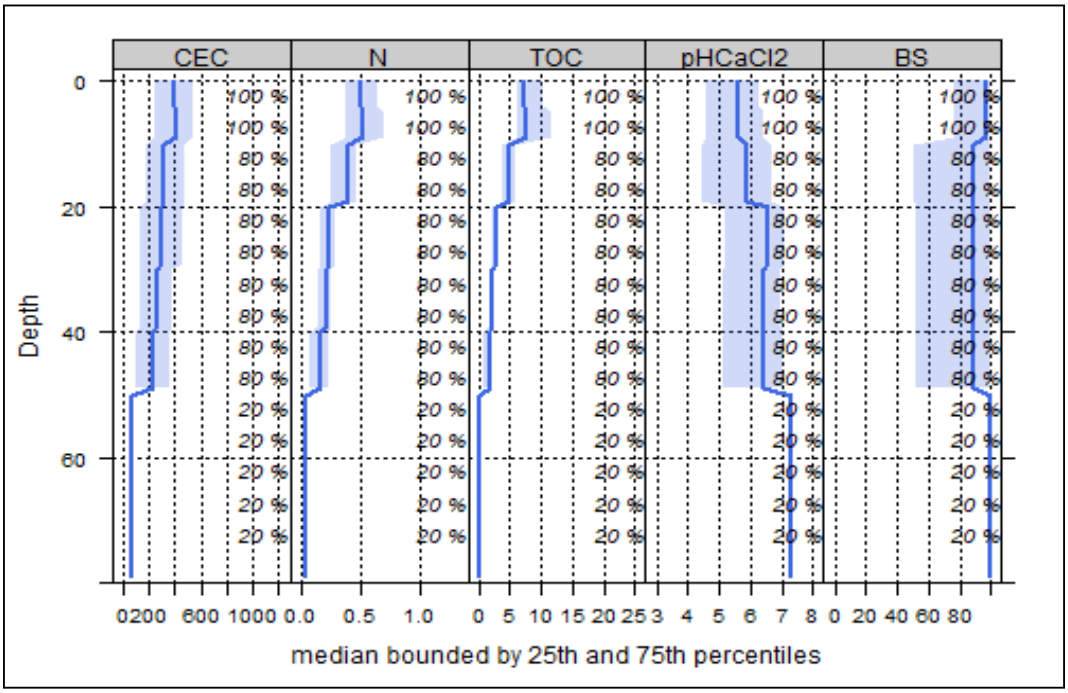
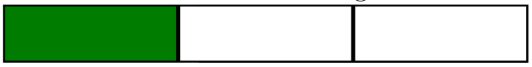


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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

Biomass use

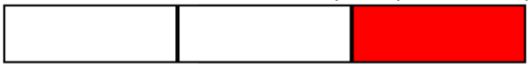
Effects of whole-tree harvesting



Minor negative effects

Compaction risk

Effects of the transit of heavy-duty machinery



Locations at risk