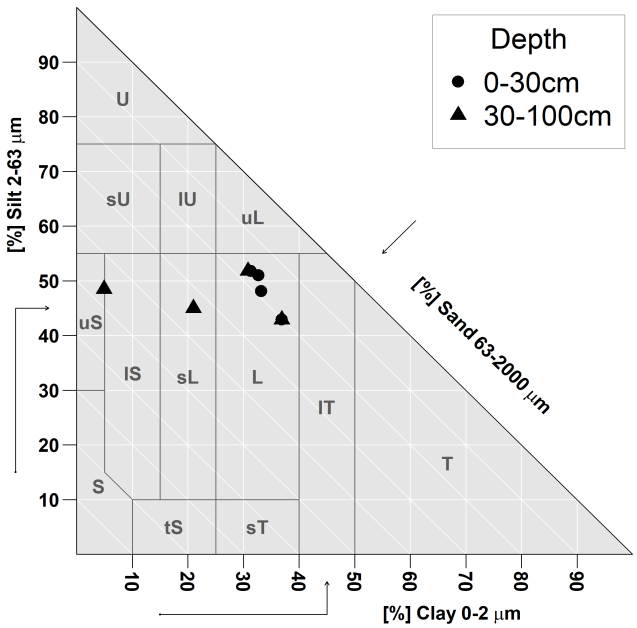
SxC0

solid bedrock, siliceous-calcareous rocks, impure

General parameters

Area	124.35 km2
Percentage on total forest mapped area	2.56 %



Physics - mean values of all considered profiles (28)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	25 ± 20	69 ± 40
15-30	50 ± 25	
30-60	60 ± 25	
60-100	55 ± 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
94.74	4.13	5441.87	133.07	127.53	283.54

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 (10)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	477.8	94.34	0.94	0.41	8.57	20.9	6.15
5-10	469.83	95.23	0.95	0.4	8.14	20.35	6.2
10-20	387.33	98.62	0.98	0.25	4.62	18.48	6.69
20-40	274.2	99.86	0.99	0.18	2.86	15.89	7.26
40-80	179.02	99.81	0.99	0.13	1.99	15.31	7.44

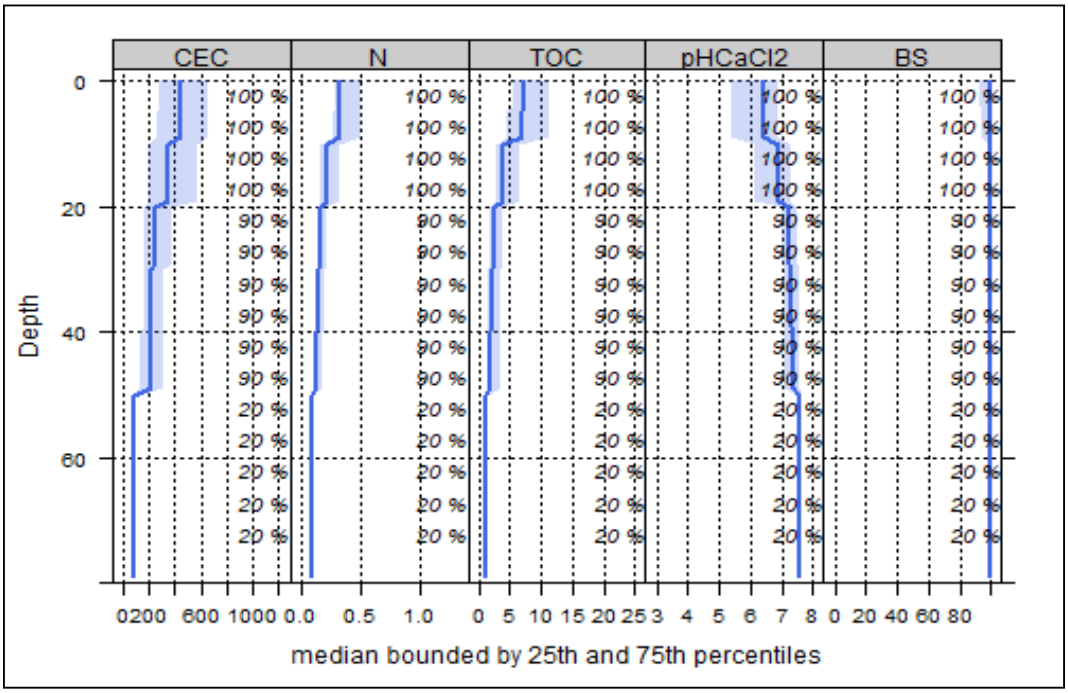


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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

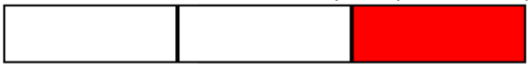
Biomass use

Effects of whole-tree harvesting

Intermediate negative effects

Compaction risk

Effects of the transit of heavy-duty machinery



Locations at risk