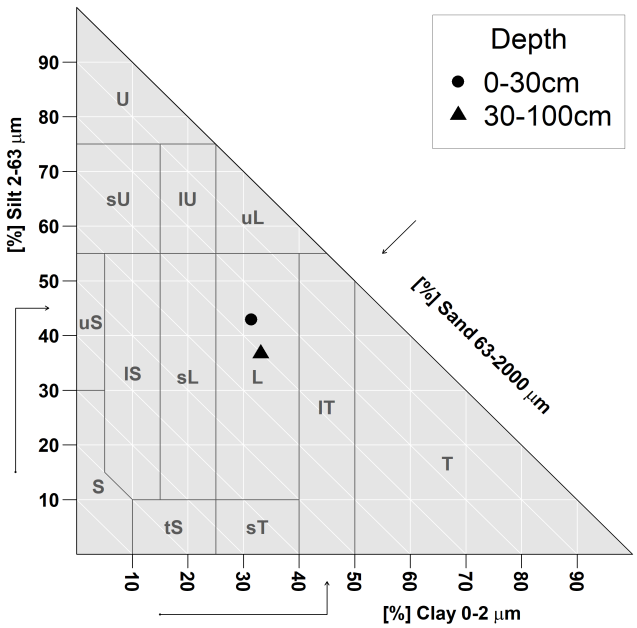
TxM+

till, calcareous-siliceous rocks, highly impure

General parameters

Area	12.18 km2
Percentage on total forest mapped area	0.25 %



Physics - mean values of all considered profiles (1)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	5 ± 0	168±
15-30	5 ± 0	
30-60	5 ± 0	
60-100	25 ± 15	

Chemistry - stock of available profiles (1)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
113.34	7.35	2553.72	138.47	113.75	1447.95

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 (1)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	75.87	44.3	0.42	0.41	6.5	15.85	3.85
5-10	54.46	43.1	0.4	0.28	3.87	13.82	4.1
10-20	33.62	21.03	0.18	0.12	1.74	14.5	4.17
20-40	26.95	39.19	0.36	0.07	1.3	18.57	4.36
40-80	34.92	72.91	0.7	0.05	0.68	13.6	4.57

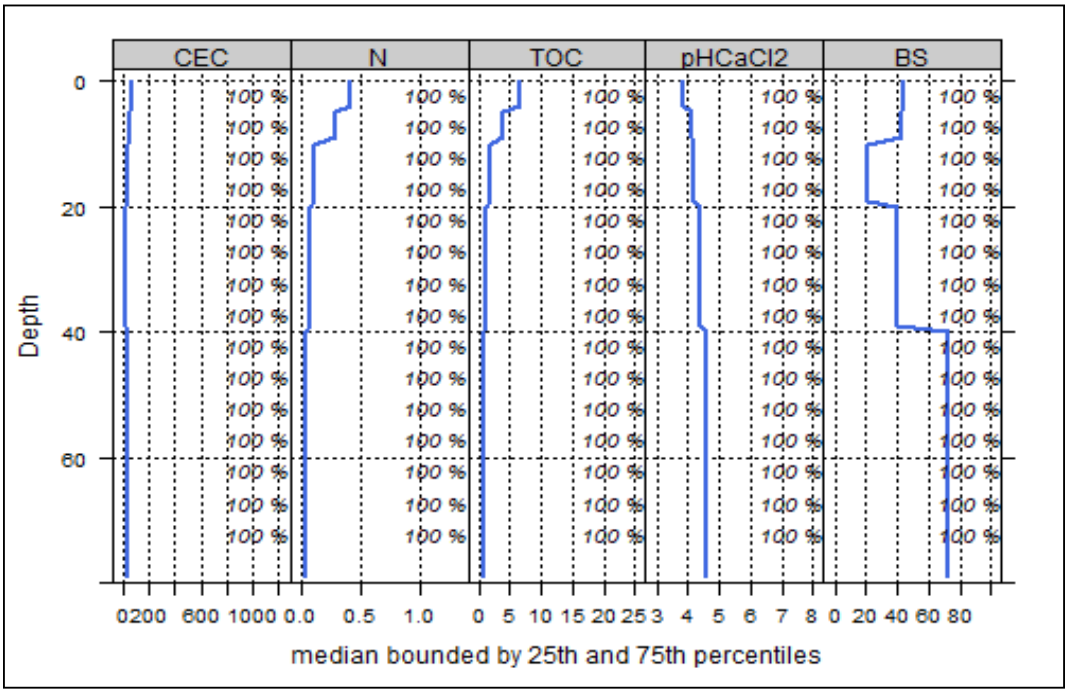


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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

Biomass use

Effects of whole-tree harvesting

Intermediate negative effects

Compaction risk

Effects of the transit of heavy-duty machinery

Occasionally critical