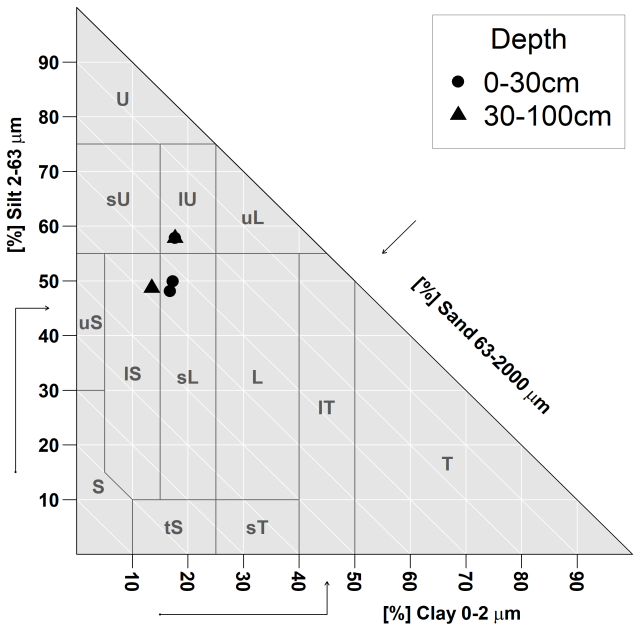
TxM0

till, calcareous-siliceous rocks, impure

General parameters

Area	77.91 km2
Percentage on total forest mapped area	1.6 %



Physics - mean values of all considered profiles (34)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	10 ± 10	118 ± 38
15-30	20 ± 15	
30-60	35 ± 30	
60-100	55 ± 30	

Chemistry - stock of available profiles (1)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
101.78	8.9	1824.3	430.68	91.25	337.95

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 (4)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	140.7	50.68	0.49	0.28	6.77	24.18	3.81
5-10	111.33	46.63	0.45	0.2	4.35	21.75	3.96
10-20	72.36	63.86	0.61	0.12	2.33	19.42	4.39
20-40	73.3	76.16	0.72	0.09	1.33	14.78	5.04
40-80	49.59	87.65	0.82	0.07	0.7	10	5.1

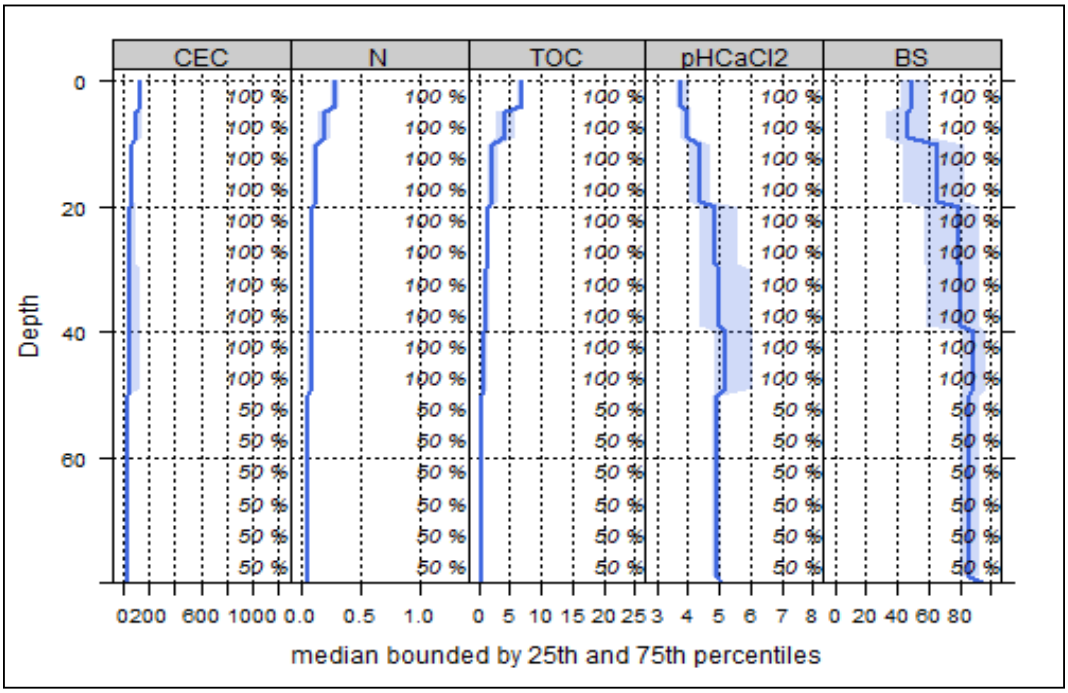


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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