

General parameters

Area	38.33 km ²
Percentage on total forest mapped area	0.79 %

Physics - mean values of all considered profiles (11)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m ²]
0-15	20 ± 20	92 ± 49
15-30	45 ± 30	
30-60	50 ± 30	
60-100	70 ± 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
100.76	3.14	3993.62	430.93	49.16	334.51

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 (2)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pH _{CaCl2}
0-5	359.67	96.1	0.95	0.53	8.2	15.47	4.9
5-10	359.67	96.1	0.95	0.53	8.2	15.47	4.9
10-20	245.12	97.99	0.98	0.3	3.9	13	6.35
20-40	229.18	99.35	0.99	0.24	2.93	12.21	6.67
40-80	131.17	99.62	0.99	0.14	2.32	16.57	7.46

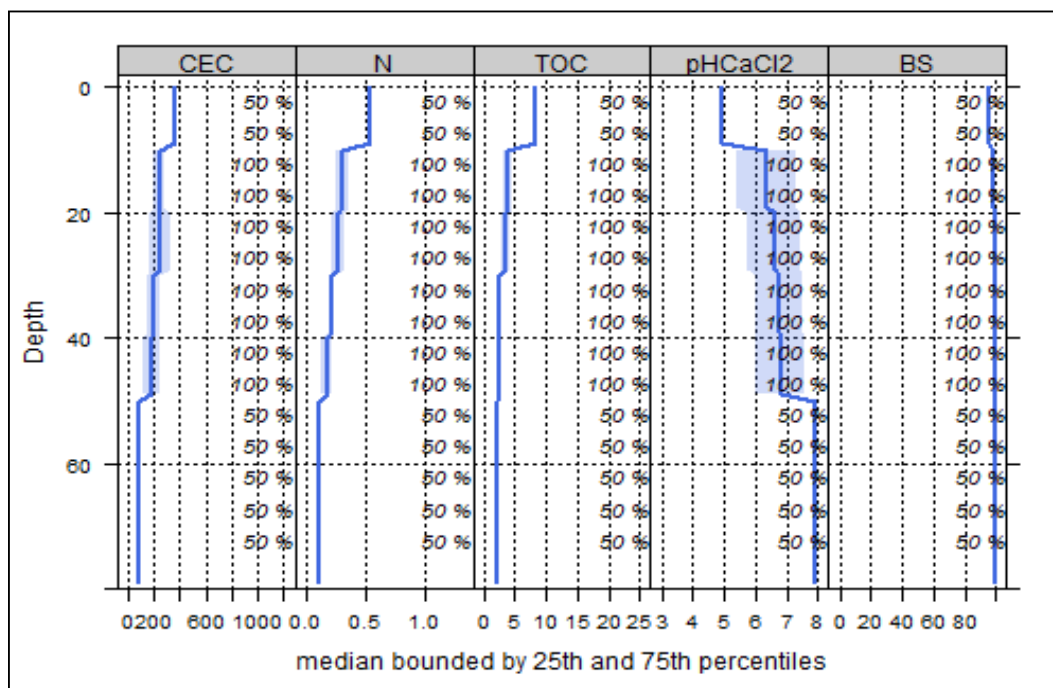
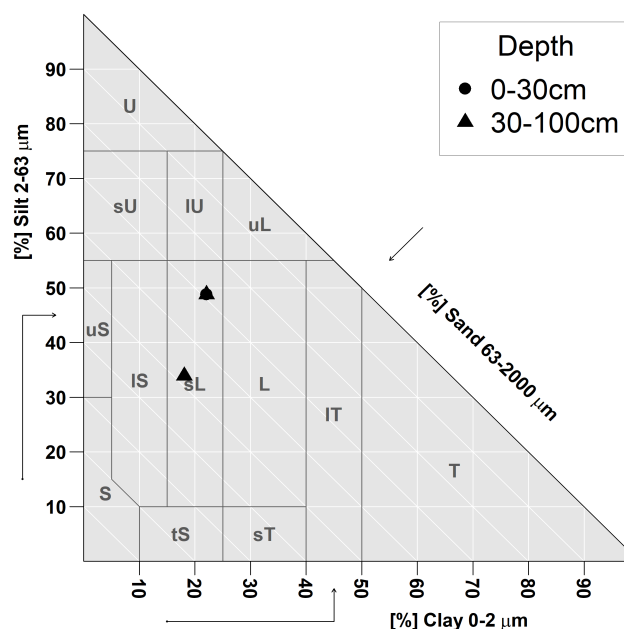


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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