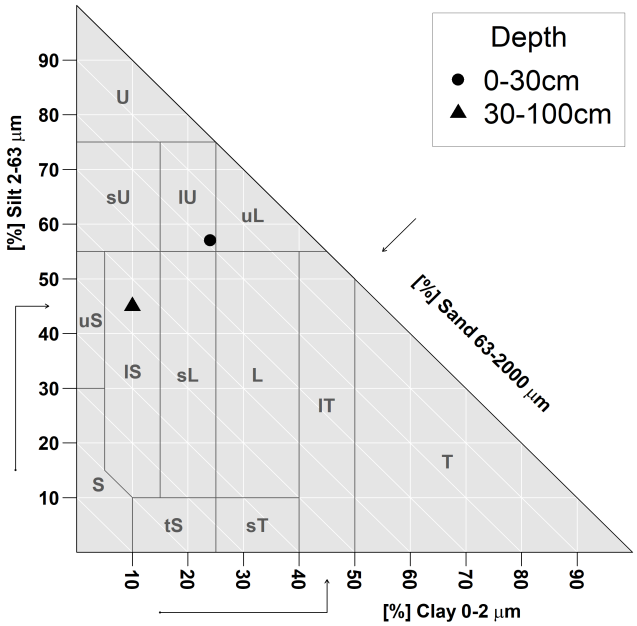
FxC- fluvial coarse deposits, siliceous-calcareous rocks, pure

General parameters

Area	13.35 km2
Percentage on total forest mapped area	0.27 %



Physics - mean values of all considered profiles (5)

Depth [cm]	Coarse fraction [%]	Field capacity [l/m2]
0-15	30 ± 25	45 ± 24
15-30	50 ± 15	
30-60	70 ± 25	
60-100	95 ± 0	

Chemistry - stock of available profiles (0)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha

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	639.4	99.97	1	0.65	12.85	19.77	6.66
5-10	639.4	99.97	1	0.65	12.85	19.77	6.66
10-20	419.01	100	1	0.32	5.63	17.59	7.13
20-40	203.82	100	1	0.16	3.56	22.25	7.34
40-80	122	100	0.99	0.06	2.5	41.67	7.47

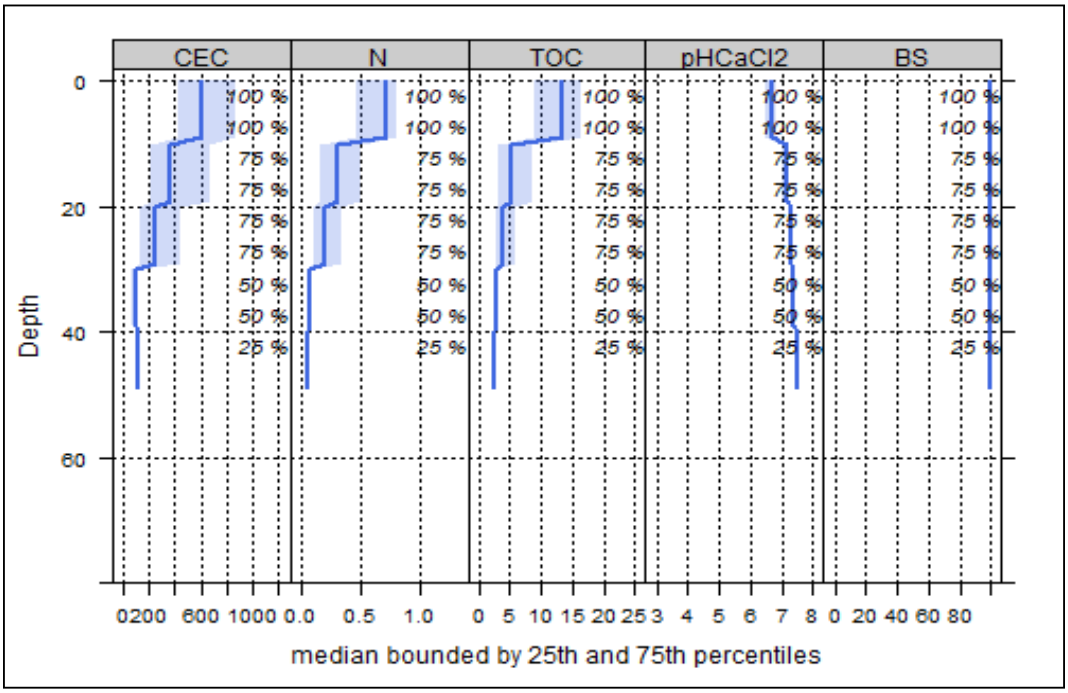


Figure 1: Profile's depth variation of the following median chemical properties, bounded by 25th and 75th percentiles: cation exchange capacity (mmol/kg), nitrogen (%), total organic carbon (%), pH and base saturation (%). The percentage values indicate how many profiles contribute to the median calculation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

Biomass use

Effects of whole-tree harvesting

Strong negative effects

Compaction risk

Effects of the transit of heavy-duty machinery

Occasionally critical