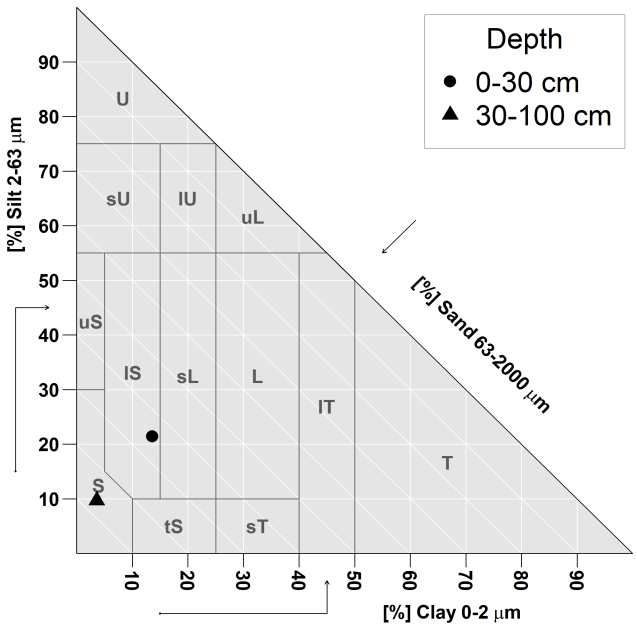
FxM- fluvial coarse deposits, calcareous-siliceous rocks, pure

General parameters

Area	9.87 km2
Percentage of total forest mapped area	0.2 %

Physics - mean values of profiles (11)

Depth [cm]	Coarse fraction [%]	PAWC [dm^3/m^2]
0-15	30 ± 20	102 ± 37
15-30	45 ± 15	
30-60	50 ± 15	
60-100	65 ± 20	



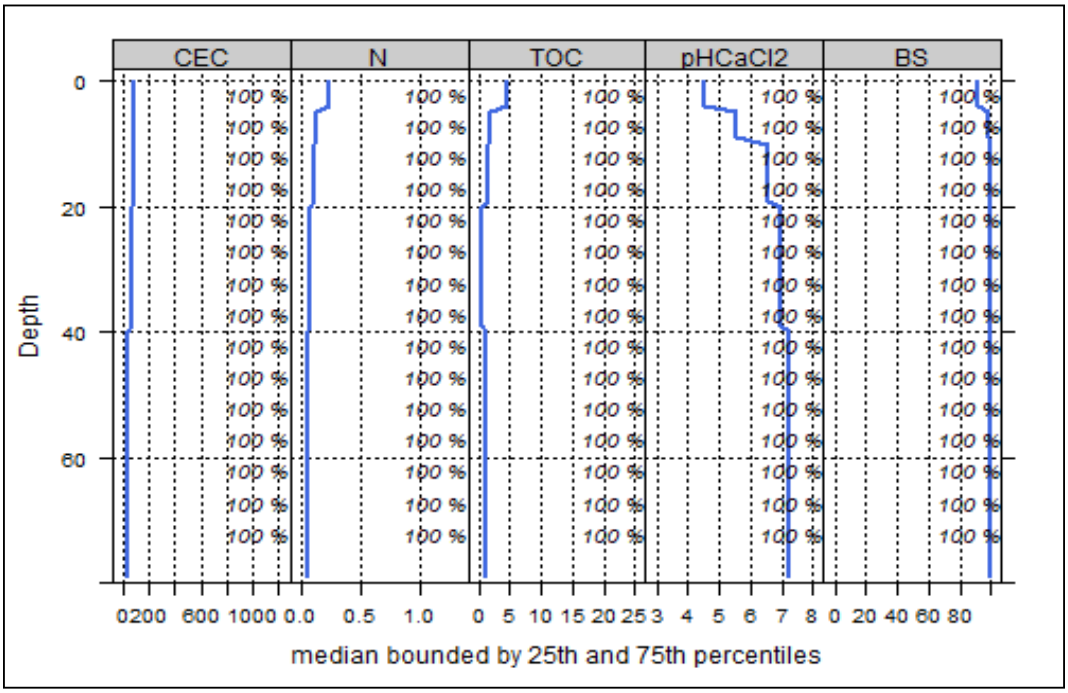
Chemistry - mean stocks of profiles (1)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
66.38	4.99	4867.52	1132.83	128.19	2005.12

All stock values, 0-80 cm including humus layers (F, H), are short-term available, except for phosphorus, which gives long term availability

Chemistry - mean values of profiles (1)

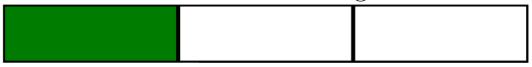
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	87.39	91.35	0.89	0.24	4.69	19.54	4.49
5-10	83.82	98.58	0.97	0.13	1.84	14.15	5.55
10-20	86.56	99.58	0.98	0.12	1.37	11.42	6.55
20-40	73.86	99.59	0.98	0.08	0.56	7	6.94
40-80	42.28	99.54	0.98	0.07	1.16	16.57	7.26



Depth graph of median chemical properties. Shaded area: 25-75% percentiles; CEC: cation exchange capacity (mmol/kg); N: nitrogen (%); TOC: total organic carbon (%); pHCaCl2: ph value in CaCl2 solution; BS: base saturation (%); right-hand y-axis= percentage of profiles used in the calculation

Biomass use

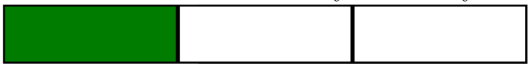
Effects of whole-tree harvesting



Minor negative effects

Compaction risk

Effects of the transit of heavy machinery



Minor negative effects