FxM0

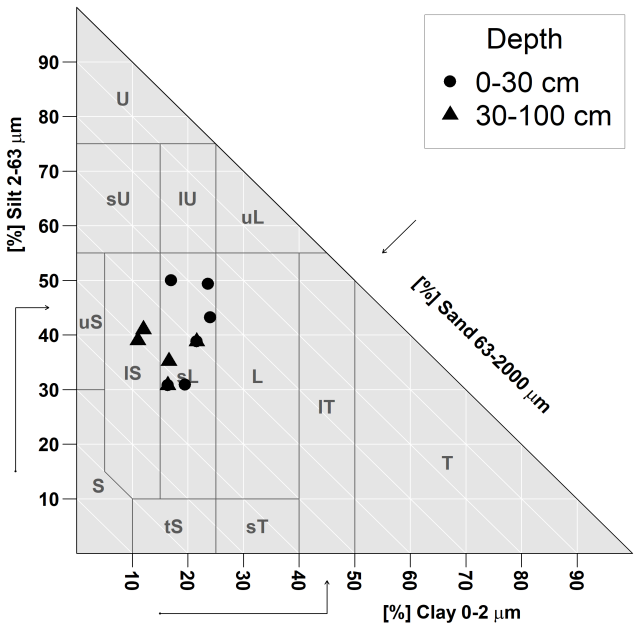
fluvial coarse deposits, calcareous-siliceous rocks, impure

General parameters

Area	67.19 km2
Percentage of total forest mapped area	1.38 %

Physics - mean values of profiles (21)

Depth [cm]	Coarse fraction [%]	PAWC [dm^3/m^2]
0-15	15 ± 20	124 ± 61
15-30	20 ± 20	
30-60	35 ± 25	
60-100	45 ± 30	



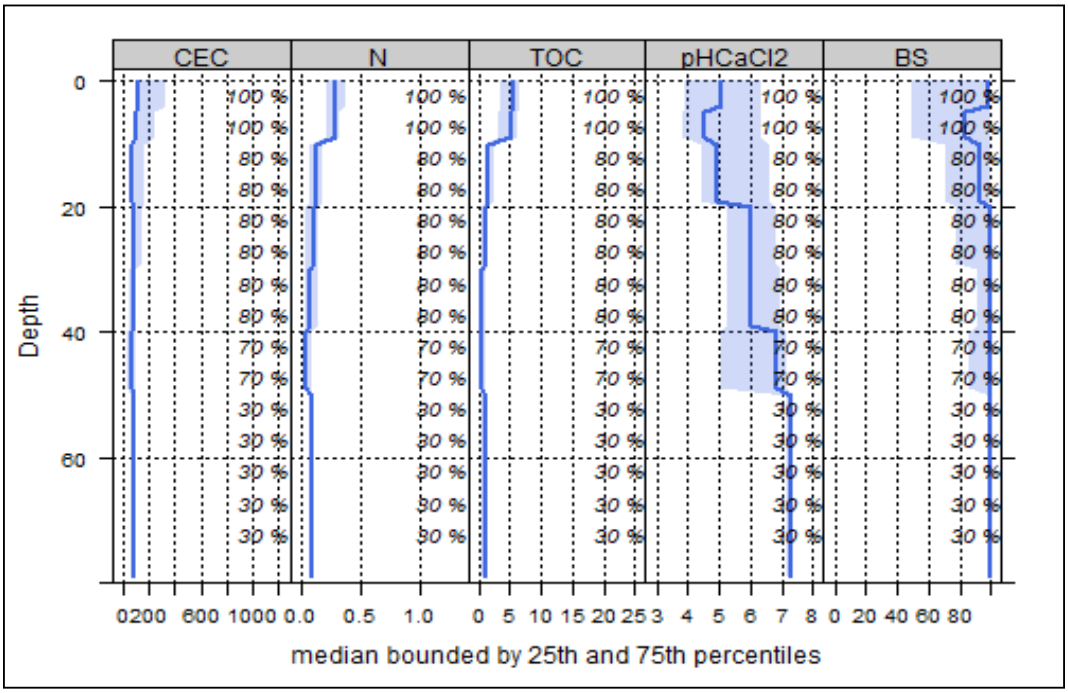
Chemistry - mean stocks of profiles (3)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
94.9	7.12	7435.53	1943.39	196.97	1756.35

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 (10)

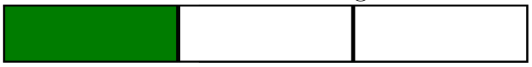
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	202.91	76.42	0.75	0.33	6.1	18.48	5.12
5-10	174.16	73.52	0.72	0.27	4.69	17.37	5.05
10-20	124.53	74.21	0.72	0.13	1.82	14	5.39
20-40	89.1	81.65	0.8	0.09	0.97	10.78	5.96
40-80	79.13	92.73	0.9	0.07	0.72	10.29	6.75



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

Occasionally critical