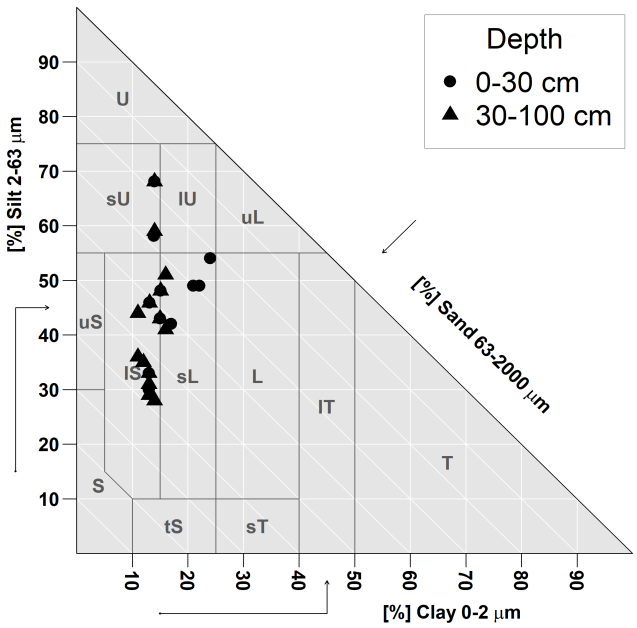
SxI0

solid bedrock, intermediate siliceous rocks, impure

General parameters

Area	461.57 km2
Percentage of total forest mapped area	9.5 %



Physics - mean values of profiles (124)

Depth [cm]	Coarse fraction [%]	PAWC [dm^3/m^2]
0-15	25 ± 25	69 ± 41
15-30	45 ± 30	
30-60	55 ± 30	
60-100	70 ± 25	

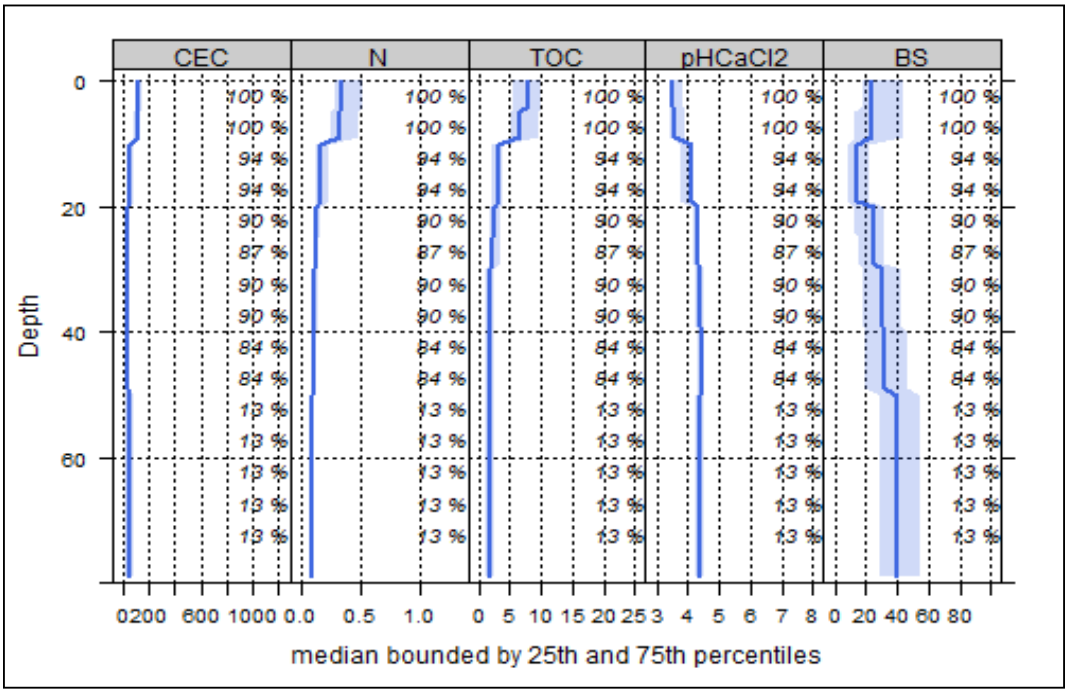
Chemistry - mean stocks of profiles (5)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
112.44	5.45	739.38	158.74	154.26	925.51

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 (31)

Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	133.87	30.66	0.29	0.41	8.71	21.24	3.57
5-10	123.11	29.3	0.27	0.38	7.8	20.53	3.63
10-20	67.18	19.68	0.17	0.2	3.47	17.35	4.01
20-40	41.88	29.28	0.25	0.14	2.54	18.14	4.31
40-80	45.39	36.22	0.31	0.12	2.15	17.92	4.36



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

Intermediate negative effects

Compaction risk

Effects of the transit of heavy machinery

Occasionally critical