SxC+

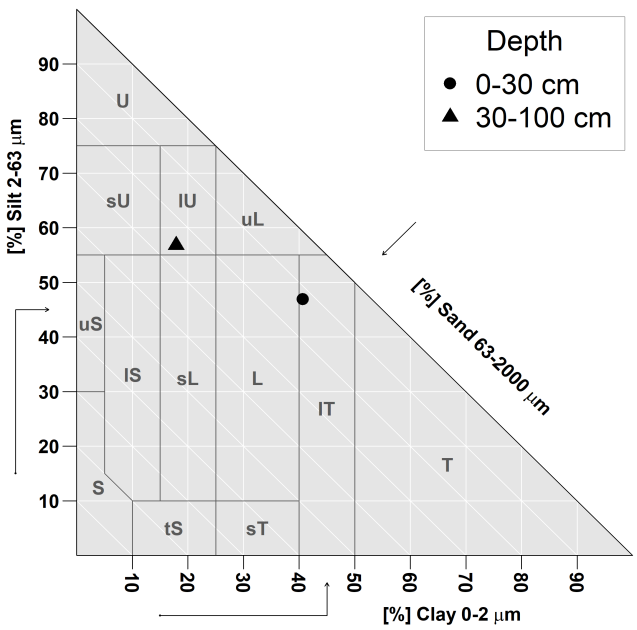
solid bedrock, siliceous-calcareous rocks, highly impure

General parameters

Area	112.2 km2
Percentage of total forest mapped area	2.31 %

Physics - mean values of profiles (25)

Depth [cm]	Coarse fraction [%]	PAWC [dm^3/m^2]
0-15	15 ± 25	117 ± 52
15-30	20 ± 25	
30-60	30 ± 35	
60-100	35 ± 40	



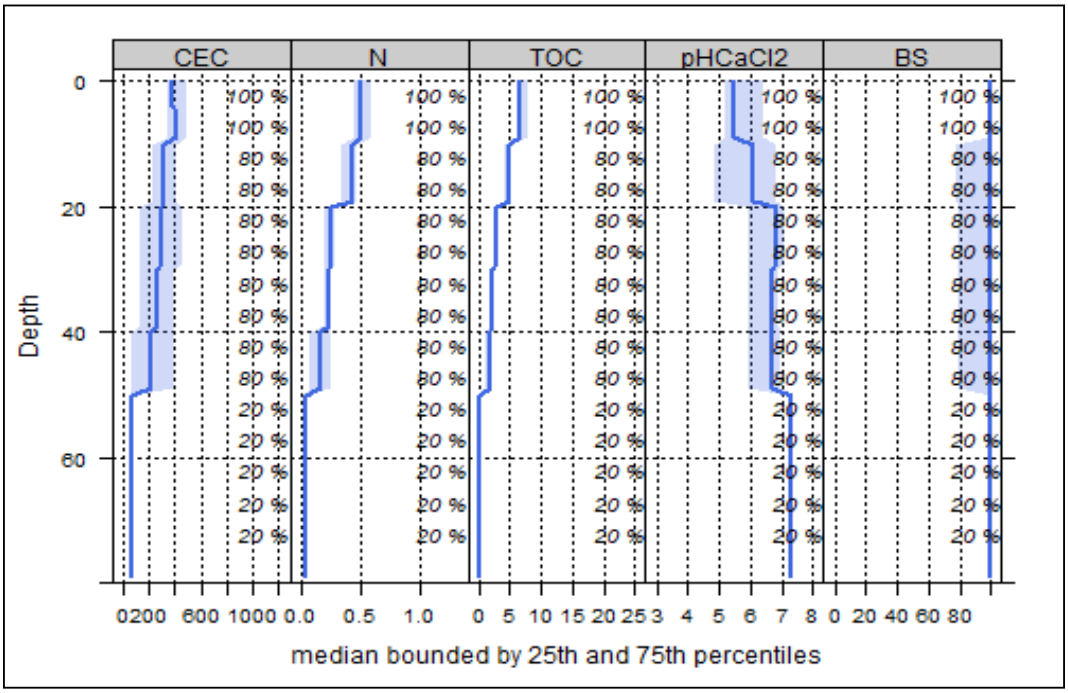
Chemistry - mean stocks of profiles (1)

Ctot	Ntot	Ca	Mg	K	P
t/ha	t/ha	kg/ha	kg/ha	kg/ha	kg/ha
83.8	5.56	4964.53	1223.48	55.12	861.89

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 (5)

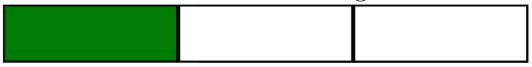
Depth [cm]	CEC [mmol/kg]	Base Saturation [%]	(Mg+Ca)/CEC	Ntot [%]	TOC [%]	C/N	pHCaCl2
0-5	395.95	89.17	0.88	0.51	8.09	15.86	5.46
5-10	401.09	89.18	0.88	0.53	8.68	16.38	5.5
10-20	326.88	78.07	0.77	0.37	4.85	13.11	5.64
20-40	276.16	78.87	0.78	0.22	2.46	11.18	6.2
40-80	162.02	87.82	0.87	0.11	0.86	7.82	6.67



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

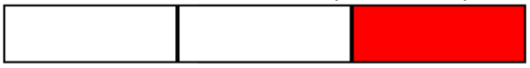
Effects of whole-tree harvesting



Minor negative effects

Compaction risk

Effects of the transit of heavy machinery



Locations at risk