

Table 4.5: Nutrient concentrations in living fine roots

Nutrient	Depth [cm]	Aubure (<i>Fagus</i>)	Aubure (<i>Picea</i>)	Schacht (<i>Fagus</i>)	Waldstein (<i>Picea</i>)	Skogaby (<i>Picea</i>)
N [mg g ⁻¹]	0-2.5	18.3 ± 1.13	16.2 ± 0.14	17.3	16.9	9.7
	2.5-5	15.7 ± 0.71	15.6 ± 0	15.8	16.6	9.0
	5-10	16.9 ± 0.57	14.45 ± 0.78	15.3	16.8	8.0
	10-20	13.6 ± 0.28	13.3 ± 1.7	13.1	15.8	7.0
	20-40	10.45 ± 0.07	12.5 ± 0.57	11.5	15.3	
S [mg g ⁻¹]	0-2.5	1.36 ± 0.11	1.17 ± 0.02	2.28	1.28	0.7
	2.5-5	1.18 ± 0.1	1.19 ± 0.06	2.74	1.25	0.7
	5-10	1.29 ± 0.05	1.19 ± 0.02	0.95	1.12	0.7
	10-20	0.99 ± 0.05	1.0 ± 0.09	0.84	1.05	0.6
	20-40	0.77 ± 0.02	0.84 ± 0.13	1.51	1.09	
P [mg g ⁻¹]	0-2.5	1.33 ± 0.21	1.3 ± 0.01	1.45	1.05	0.6
	2.5-5	1.06 ± 0.13	1.44 ± 0.13	1.54	1.04	0.8
	5-10	1.27 ± 0.08	1.38 ± 0.01	0.64	1.04	0.8
	10-20	1.13 ± 0.08	1.26 ± 0.16	0.56	1.16	0.7
	20-40	1.0 ± 0.05	1.17 ± 0.29	0.91	1.34	
Ca [mg g ⁻¹]	0-2.5	2.43 ± 0.34	2.94 ± 0.04	3.58	3.40	2.2
	2.5-5	1.69 ± 0.27	2.82 ± 0.01	4.86	2.86	1.3
	5-10	1.71 ± 0.47	2.87 ± 0.54	3.14	2.71	1.0
	10-20	1.32 ± 0.33	2.46 ± 0.22	2.28	2.29	1.1
	20-40	1.15 ± 0.01	2.09 ± 0.66	3.01	2.08	
K [mg g ⁻¹]	0-2.5	0.91 ± 0.48	0.75 ± 0.03	1.18	0.65	0.4
	2.5-5	0.76 ± 0.4	0.80 ± 0.17	1.44	0.60	0.3
	5-10	1.0 ± 0.45	0.75 ± 0.23	0.77	0.71	0.2
	10-20	0.86 ± 0.32	0.71 ± 0.05	0.60	0.90	0.2
	20-40	1.03 ± 0.17	0.74 ± 0.33	0.84	0.86	
Mg [mg g ⁻¹]	0-2.5	0.45 ± 0.01	0.41 ± 0.03	0.32	0.40	0.50
	2.5-5	0.34 ± 0.07	0.39 ± 0.05	0.41	0.31	0.40
	5-10	0.43 ± 0.13	0.39 ± 0.1	0.42	0.33	0.40
	10-20	0.37 ± 0.08	0.37 ± 0.08	0.29	0.33	0.50
	20-40	0.39 ± 0.01	0.35 ± 0.11	0.31	0.34	