

Supplementary file S1

Stratification criteria for sampling clusters of TLS plots from, numbers of sampled and measured clusters, and the numbers of measured plots by stratum.

Stratum	Region	Peatland plot centers	Mean diameter, cm	Birch proportion	Clusters		Plots
					sampled	measured	
1	2	no	≤ 25.86	< 0.156	19	14	38
	3		≤ 23.54	< 0.167	13	3	7
	4		≤ 21.26	< 0.127	4	1	3
	5		≤ 21.85	< 0.096	4	0	0
2	2		≤ 25.86	≥ 0.156	19	16	39
	3		≤ 23.54	≥ 0.167	13	6	9
	4		≤ 21.26	≥ 0.127	4	1	1
	5		≤ 21.85	≥ 0.096	4	0	0
3	2		> 25.86	< 0.096	6	5	12
	3		> 23.54	< 0.148	4	3	8
	4		> 21.26	< 0.121	3	1	1
	5		> 21.85	< 0.059	3	1	3
4	2		> 25.86	≥ 0.096	6	4	8
	3		> 23.54	≥ 0.148	5	2	5
	4		> 21.26	≥ 0.121	3	1	2
	5		> 21.85	≥ 0.059	3	0	0
5	2	yes	≤ 23.33	< 0.198	7	7	19
	3		≤ 20.08	< 0.147	12	5	13
	4		≤ 18.10	< 0.178	7	4	9
	5		≤ 17.20	< 0.160	5	3	7
6	2		≤ 23.33	≥ 0.198	7	5	10
	3		≤ 20.08	≥ 0.147	12	5	14
	4		≤ 18.10	≥ 0.178	6	2	4
	5		≤ 17.20	≥ 0.160	5	2	5
7	2		> 23.33	< 0.088	3	2	6
	3		> 20.08	< 0.146	4	1	1
	4		> 18.10	< 0.060	3	2	4
	5		> 17.20	< 0.100	3	1	2
8	2		> 23.33	≥ 0.088	3	3	8
	3		> 20.08	≥ 0.146	4	1	2
	4		> 18.10	≥ 0.060	3	2	4
	5		> 17.20	≥ 0.100	3	1	2
total	2	both	all	all	70	56	140
	3				67	26	59
	4				33	14	28
	5				30	8	19
	total				200	104	246