

Table S1. Marginal means of main factors.

Main factor	Community N (mg·g ⁻¹)	Average N (mg·g ⁻¹)	Community P (mg·g ⁻¹)	Average P (mg·g ⁻¹)	Community N:P	Average N:P	Soil N (mg·g ⁻¹)	Soil P (mg·g ⁻¹)	Soil AP (10 ⁻³ ·mg·g ⁻¹)	Soil N:P
Season										
Spring	25.81 ± 0.76	28.22 ± 0.56	2.88 ± 0.09	3.08 ± 0.07	10.21 ± 0.44	10.37 ± 0.41	5.80 ± 0.22	0.80 ± 0.04	7.53 ± 0.96	9.58 ± 0.61
Summer	18.66 ± 0.68	20.32 ± 0.52	1.58 ± 0.08	1.70 ± 0.06	12.42 ± 0.39	12.81 ± 0.38	3.33 ± 0.22	0.74 ± 0.04	8.29 ± 0.96	7.03 ± 0.60
Autumn	25.27 ± 0.74	28.17 ± 0.56	1.60 ± 0.08	1.60 ± 0.07	16.57 ± 0.43	18.54 ± 0.41	5.84 ± 0.24	0.75 ± 0.04	7.36 ± 0.98	10.28 ± 0.65
Treatment										
N0	21.61 ± 0.76	25.64 ± 0.60	2.13 ± 0.08	2.17 ± 0.07	11.24 ± 0.43	14.00 ± 0.44	4.70 ± 0.26	0.83 ± 0.05	6.27 ± 1.11	7.74 ± 0.71
N1	23.37 ± 0.96	25.35 ± 0.66	1.89 ± 0.11	2.06 ± 0.08	14.00 ± 0.54	13.86 ± 0.48	5.27 ± 0.27	0.83 ± 0.05	6.88 ± 1.13	9.19 ± 0.73
N2	21.27 ± 0.82	24.56 ± 0.64	1.77 ± 0.09	1.98 ± 0.07	13.58 ± 0.47	14.19 ± 0.46	5.20 ± 0.26	0.70 ± 0.05	5.84 ± 1.11	9.62 ± 0.70
N3	26.75 ± 0.83	26.74 ± 0.62	2.28 ± 0.09	2.30 ± 0.07	13.45 ± 0.48	13.57 ± 0.45	4.79 ± 0.27	0.67 ± 0.05	11.91 ± 1.11	9.30 ± 0.73