Table S1. ANOVA of the effects of nitrogen addition and degradation degree on microbial biomass carbon, microbial biomass nitrogen, and soil organic carbon, soil total nitrogen, root carbon and nitrogen concentrations, soil pH, and above- and belowground biomass.

Item	Term	Df	F- Value	P -Value
Soil microbial biomass carbon (mg kg^{-1})	N-treatment (N)	5	5.903	< 0.001
	Degradation status (D)	3	33.463	< 0.001
	N×D	15	3.569	0.001
Soil microbial biomass nitrogen (mg kg^{-1})	N	5	3.254	0.014
	D	3	3.527	0.022
	N×D	15	2.212	0.021
Soil organic carbon content (%)	N	5	0.484	0.787
	D	3	115.009	< 0.001
	N×D	15	0.268	0.996
Soil total nitrogen content (%)	N	5	0.491	0.781
	D	3	98.910	< 0.001
	N×D	15	0.203	0.999
Root carbon concentration (%)	N	5	0.331	0.892
	D	3	5.794	0.002
	N×D	15	1.192	0.310
Root nitrogen concentration (%)	N	5	2.836	0.025
	D	3	0.455	0.715
	N×D	15	0.965	0.505
pH	N	5	16.475	< 0.001
	D	3	10.508	< 0.001
	N×D	15	1.243	0.275
Belowground biomass（g m^{-2})	N	5	0.761	0.583
	D	3	1.487	0.230
	N×D	15	1.518	0.136
Aboveground biomass(g m^{-2})	N	5	3.077	0.017
	D	3	41.582	< 0.001
	N×D	15	1.946	0.041