

Figure S1. Average ^{15}N recovery (%) from applied label from treatment 1 ($\text{NH}_4^{15}\text{NO}_3$) and treatment 2 ($^{15}\text{NH}_4\text{NO}_3$) for bare peat (BP) and vegetated peat (VP) soils. Error bars represent +1 SE of six replicates.

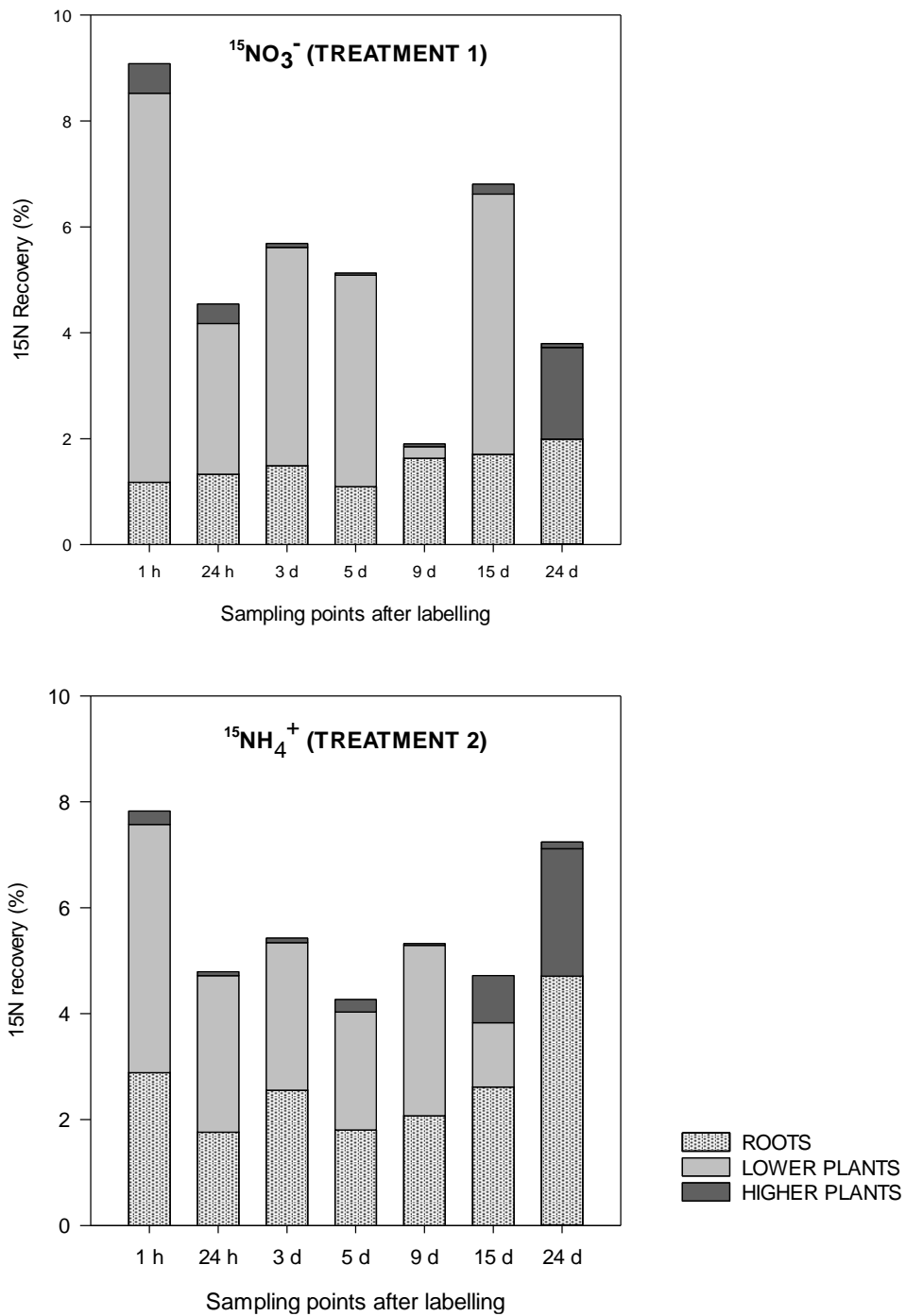


Figure S2. Distribution of the ^{15}N label recovered from the plants in the vegetated peat soils for treatment 1 ($\text{NH}_4^{15}\text{NO}_3$) and treatment 2 ($^{15}\text{NH}_4\text{NO}_3$).

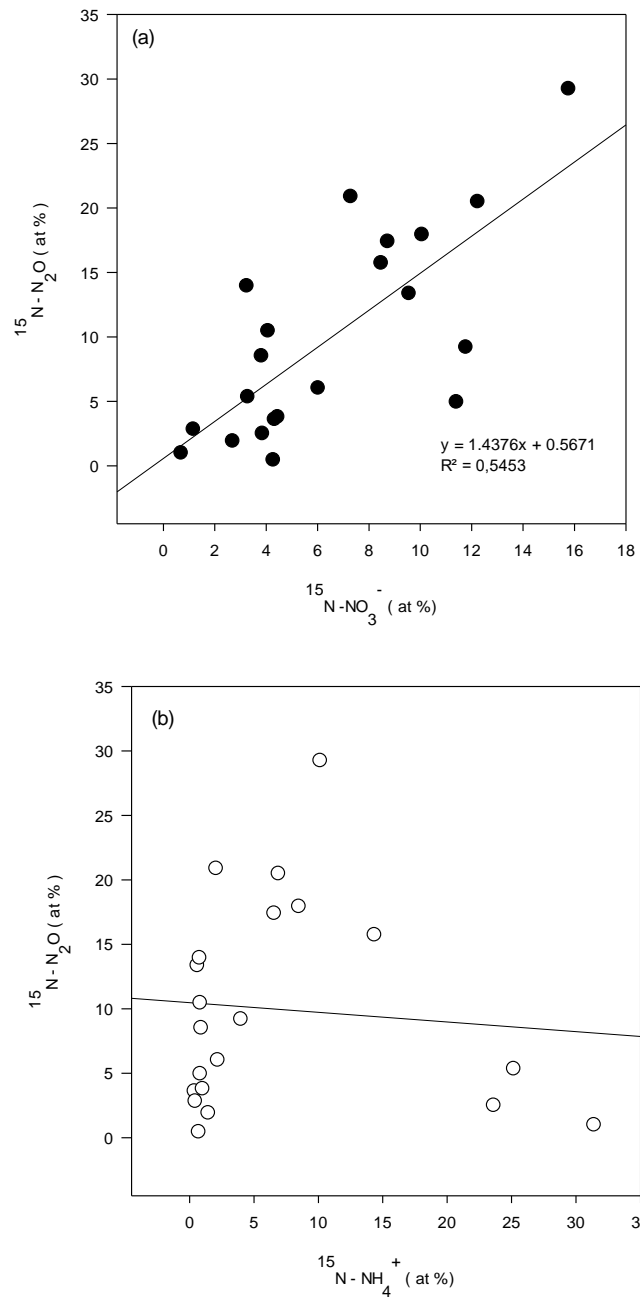


Figure S3. Correlation between ^{15}N at% in N_2O and mineral N (NO_3^- and NH_4^+) from all treatments.