

Table 1 Soil parameters. Vertical soil profiles of nitrous oxide (N₂O) and carbon dioxide (CO₂) concentrations, soil volumetric water content (VWC), and soil temperature (at 10 cm soil depth) were determined simultaneously with forest floor gas flux measurements at each soil position. Mean values (\pm standard error) from three soil positions are presented, except for N₂O concentrations, where soil near soil chamber 1 exhibited high N₂O concentrations (i.e., N₂O conc.^a), whereas soil adjacent to soil chambers 2 and 3 showed similarly low N₂O concentrations (i.e., N₂O conc.^b).

	N ₂ O conc. ^a	N ₂ O conc. ^b	CO ₂ conc.	VWC	Temp.
Soil depth	(ppm)	(ppm)	(ppm)	(m ³ m ⁻³)	(°C)
10 cm	1.803 \pm 0.112	0.164 \pm 0.009	6935 \pm 553	0.246 \pm 0.014	14.7 \pm 0.16
20 cm	2.858 \pm 0.293	0.130 \pm 0.010	8320 \pm 588	0.184 \pm 0.011	-
30 cm	2.258 \pm 0.341	0.133 \pm 0.013	7831 \pm 675	0.253 \pm 0.021	-
40 cm	3.847 \pm 0.398	0.165 \pm 0.013	9513 \pm 647	0.359 \pm 0.004	-

“a” is standing for N₂O concentrations at four soil depths of the soil position 1. “b” is standing for mean N₂O concentrations in soil profile at soil positions 2 and 3.