

Corrigendum to **“Comparison of greenhouse gas fluxes from tropical forests and oil palm plantations on mineral soil” published in Biogeosciences, 18, 1559–1575, 2021**

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During submission the wrong units were provided. The units for soil mineral nitrogen (N) should be mg kg^{-1} and not mg g^{-1} as accidentally stated. This requires revisions to Table 2 and Fig. 3 as well as the following paragraph.

Soil extractable mineral N (both NH_4^+ and NO_3^-) was highly variable across the OP plantations with mean values of 8 ± 23 and $6.3 \pm 18 \text{ mg N kg}^{-1}$ respectively; 4.5 ± 5 and $2.3 \pm 4 \text{ mg N kg}^{-1}$ in riparian reserve; and 3.9 ± 5 and $5.3 \pm 5 \text{ mg N kg}^{-1}$ in the forests (Fig. 3, Table 2). We measured the lowest average NH_4^+ and NO_3^- concentrations in the 12-year-old plantation (OP12) and the highest in the youngest OP plantation (OP2) with maxima of $> 150 \text{ mg kg}^{-1}$, however with a very high spatial variability (Fig. 3, Table 2).

However, this mistake does not change any statements and conclusions of the paper.

Table 2. Greenhouse gas fluxes ($\text{N}_2\text{O-N}$, $\text{CH}_4\text{-C}$, soil respiration $\text{CO}_2\text{-C}$) and soil mineral nitrogen ($\text{NH}_4\text{-N}$ and $\text{NO}_3\text{-N}$) averaged over the entire measurement period (January 2015–November 2016) by land use. *N*: number of individual data points; *SD*: standard deviation; forest: logged forest; OP: oil palm; RR: riparian reserve.

Variable	Land use	<i>N</i>	Mean	SD	Median
$\text{N}_2\text{O-N}$ ($\mu\text{g m}^{-2} \text{h}^{-1}$)	Forest	286	13.87	171.49	13.90
	OP	335	46.20	166.35	45.84
	RR	48	31.83	220.40	30.86
$\text{CH}_4\text{-C}$ ($\mu\text{g m}^{-2} \text{h}^{-1}$)	Forest	216	2.20	48.34	-5.63
	OP	251	-2.57	17.18	-3.00
	RR	36	1.27	12.60	-0.38
$\text{CO}_2\text{-C}$ ($\text{mg m}^{-2} \text{h}^{-1}$)	Forest	288	137.39	94.63	115.35
	OP	336	93.30	69.65	75.55
	RR	48	157.70	105.80	142.60
$\text{NH}_4\text{-N}$ mg kg^{-1}	Forest	288	3.92	5.41	2.85
	OP	336	7.99	22.72	2.50
	RR	48	4.50	5.40	2.50
$\text{NO}_3\text{-N}$ mg kg^{-1}	Forest	288	5.30	5.28	3.40
	OP	336	6.32	18.16	1.40
	RR	48	2.25	4.19	1.35

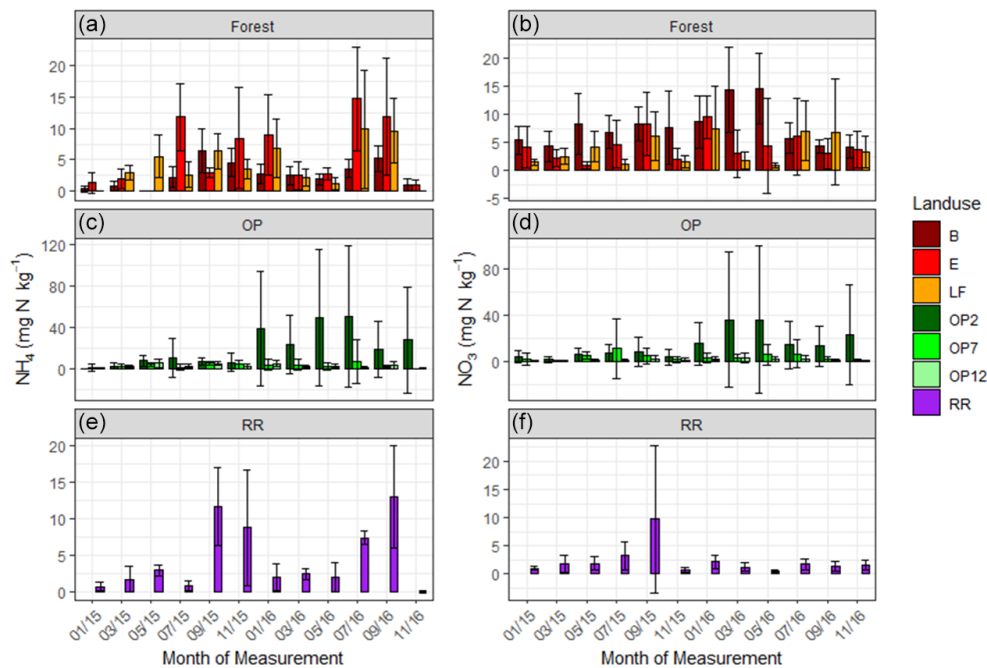


Figure 3. Mean mineral N as KCl-extractable NH_4^+ (a) and NO_3^- (b) from January 2015–November 2016, every 2 months (a, b B, E, LF: logged forests; c, d OP2, OP7, OP12: oil palm plantations; e, f RR: riparian reserve). Error bars represent standard deviation of the samples around the mean. Please note different the y-axis scale for OP.