Erratum to: Background nitrous oxide emissions in agricultural and natural lands: a meta-analysis

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The original version of this paper unfortunately contained errors.

In Abstract section, ‘BNEN (median: 0.31 & mean: 1.75 kg N₂O–N ha⁻¹ yr⁻¹)’ should be ‘BNEN (median: 0.39 & mean: 1.65 kg N₂O–N ha⁻¹ yr⁻¹)’.

In Abstract section, ‘from 600 and 307’ should be ‘from 600 and 383’.

In Methods and materials section ‘A total of 600 and 307 data sets were found’ should be ‘A total of 600 and 383 data sets were found’.

In Result and discussion section, ‘while median and mean of BNEN were 0.31 and 1.75 kg

N₂O–N ha⁻¹ yr⁻¹’ should be ‘while median and mean of BNEN were 0.39 and 1.65 kg N₂O–N ha⁻¹ yr⁻¹’.

In Result and discussion section, “BNE in riparian area (median and mean: 2.0 and 7.7 kg N₂O–N ha⁻¹ yr⁻¹, respectively) was significantly higher than in two other ecosystem types (i.e., boreal forest and tundra; Table 6).” should be “BNE in both riparian area and tropical forest were significantly higher than in boreal forest (Table 6).”

In Conclusion section “BNEN was higher in riparian zones than in boreal forests and tundra.” should be “BNEN in both riparian zones and tropical forests were higher than in boreal forests.”

The online version of the original article can be found at <http://dx.doi.org/10.1007/s11104-013-1762-5>.

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Table 6 should be as follows:

Table 6 Background nitrous oxide emissions in natural land (BNEN, unit: $\text{kg N}_2\text{O-N ha}^{-1} \text{ yr}^{-1}$). This dataset includes positive ($n=366$) and negative ($n=17$) emissions

Type	Size	Min	Max	Median	Mean	Std. Dev.	Std. Error
Tropical forest	69	-0.05	8.13	1.14 ^{a†}	1.91	2.06	0.25
Temperate forest	149	-0.50	7.30	0.30 ^{ab}	0.66	1.05	0.09
Boreal forest	9	-0.02	0.78	0.12 ^b	0.18	0.24	0.08
Tropical savannah	21	0.02	1.65	0.51 ^{ab}	0.53	0.42	0.09
Temperate grassland	47	0.03	1.80	0.30 ^{ab}	0.46	0.41	0.06
Desert	3	0.11	0.40	0.22 ^{ab}	0.24	0.15	0.09
Tundra	5	0.01	1.17	0.07 ^{ab}	0.31	0.49	0.22
Peatland	50	-0.11	95.20	0.14 ^{ab}	6.16	18.14	2.57
Wetland	24	-0.09	3.24	0.39 ^{ab}	0.59	0.70	0.14
Riparian	6	0.35	24.35	2.98 ^a	7.05	9.32	3.80
Total	383	-0.50	95.20	0.39	1.65	6.97	0.36

[†] Values in the same column followed by a different letter are significantly different ($P<0.05$) according to all Pairwise Multiple Comparison Procedures (Dunn's Method)

Figure 4 should be as follows:

Fig. 4 Box plot representation of background nitrous oxide (N_2O) emission (BNE) in agricultural and natural lands by land-use or ecosystem type. Lower and upper whiskers are 10th and 90th percentiles, lower and upper boundaries of the boxes are 25th and

75th percentiles and lines within a box are medians. Note that for improved visualization, y-axis is presented in logarithmic 10 scale. Land-use or ecosystem types labelled with the same letter are not significantly different according to Dunn test ($\alpha=0.05$)