## **CORRECTION**



## Correction to: Similar spatial patterns of soil quality indicators in three poplar-based silvo-arable alley cropping systems in Germany

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Table 2 of the original version of this article unfortunately contains the superscript letters "#" and "\$" within columns instead of the stastistical letters "a" and "b". Superscript letters "#" and "\$" within columns were changed to "a" and "b", respectively. The correct Table 2 is as follows:

The online version of the original article can be found at https://doi.org/10.1007/s00374-018-1324-3

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**Table 2** Mean values of soil organic C (SOC), soil microbial biomass C (MBC) and N (MBN), ergosterol and the ratios SOC to total N (TN), ergosterol to fungal glucosamine (GlcN) and fungal C to bacterial C at different distances from the tree rows at two soil depths combined for

three alley cropping systems. Clay content and pH were used as covariates. Mean values and probability values based on the GLIMMIX procedure

	SOC (mg g <sup>-1</sup> )	SOC/TN	$\mathrm{MBC}^{\#}(\mu gg^{-1})$	$MBN^{\#}  (\mu g  g^{-1})$	Ergosterol (µg g <sup>-1</sup> )	Ergosterol/fungal GlcN	Fungal C/ bacterial C
0–5 cm	,			,			
Tree row	21.1 <sup>a</sup> **	11.3° ***	541 (6.3) <sup>a</sup> ***	85 (4.4) <sup>a</sup> **	4.95° ***	5.84 <sup>a</sup> *	3.10 <sup>a</sup> *
1 m	18.4 <sup>b</sup>	10.7 <sup>b</sup>	357 (5.9) <sup>b</sup> *	65 (4.2) <sup>b</sup>	2.50 <sup>b</sup>	3.39 <sup>b</sup>	2.59 <sup>b</sup>
7 m	17.4 <sup>b</sup>	10.5 <sup>b</sup>	299 (5.7) <sup>b</sup> *	52 (3.9) <sup>b</sup>	2.12 <sup>b</sup>	2.78 <sup>b</sup>	2.61 <sup>b</sup>
24 m	17.7 <sup>b</sup>	10.6 <sup>b</sup>	340 (5.8) <sup>b</sup> *	59 (4.1) <sup>b</sup>	2.48 <sup>b</sup>	3.48 <sup>b</sup>	2.53 <sup>b</sup>
SED	0.6	0.2	$0.08^{\$}$	$0.10^{\$}$	0.28	0.58	0.10
Probability va	alues						
Clay	0.008	ns	ns	< 0.001	ns	ns	ns
pН	ns	ns	ns	ns	ns	0.01	0.04
5-20 cm							
Tree row	17.0 <sup>a</sup>	10.5 <sup>a</sup>	282 (5.6) <sup>a</sup>	41 (3.7) <sup>a</sup>	1.86 <sup>a</sup>	$2.50^{a}$	2.92 <sup>a</sup>
1 m	17.8 <sup>a</sup>	10.7 <sup>a</sup>	282 (5.6) <sup>a</sup>	47 (3.8) <sup>a</sup>	1.85 <sup>a</sup>	1.93 <sup>a</sup>	2.59 <sup>a</sup>
7 m	17.8 <sup>a</sup>	10.6 <sup>a</sup>	268 (5.6) <sup>a</sup>	46 (3.8) <sup>a</sup>	1.53 <sup>a</sup>	1.82 <sup>a</sup>	2.49 <sup>a</sup>
24 m	17.2 <sup>a</sup>	10.5 <sup>a</sup>	264 (5.6) <sup>a</sup>	44 (3.8) <sup>a</sup>	1.73 <sup>a</sup>	2.15 <sup>a</sup>	2.52 <sup>a</sup>
SED	0.5	0.2	$0.09^{\$}$	$0.16^{\$}$	0.29	0.49	0.16
Probability va	alues						
Clay	0.01	ns	ns	< 0.001	< 0.001	ns	ns
pН	ns	< 0.001	ns	0.005	ns	0.03	0.02

Means with no letter in common within a column indicate significant differences between distances of each soil depth (Tukey-Kramer, P < 0.05), n = 12; asterisks show significant differences between soil depths of each distance (probability values were Bonferroni-Holm corrected for multiple testing; \*\*\* P < 0.001, \*\* P < 0.05); SED: mean standard error of differences between distances of each soil depth; ns: not significant; if covariates were significant, covariate-adjusted means are presented; all two- and threefold interactions were insignificant. Ergosterol to fungal GlcN presented in  $\mu g mg^{-1}$ .



<sup>\*</sup>Back-transformed data from the logarithmic scale are presented as medians and data on the logarithmic scale in brackets

<sup>§</sup> Mean standard error of differences between distances on the logarithmic scale