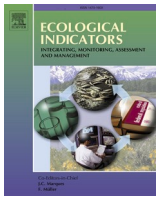
Ecological Indicators 121 (2021) 107093

Contents lists available at ScienceDirect

Ecological Indicators

journal homepage: www.elsevier.com/locate/ecolind



Corrigendum to "Sensitivity of labile carbon fractions to tillage and organic matter management and their potential as comprehensive soil quality indicators across pedoclimatic conditions in Europe" [Ecol. Indic. 99 (2019) 38–50]

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The authors would like to apologize for missing the correction provided below:

To calculate the tea bag decomposition, the final weight of the tea bag instead of the % mass loss (i.e. 1-final weight/initial weight) was taken. Hence, the negative partial correlation originally found should be positive. The corrections have been made in the online version of the manuscript.

Table 4. Partial correlation coefficients (ρ) between the labile organic carbon fractions expressed in mg kg^{-1} soil (Hy-DOC, DOC, POXC, HWEC and POMC) and % (TOC) and various soil chemical, physical and biological indicators used as dependent variable, corrected for the long term field experiments (LTEs). The number of samples used in the analyses was 167, but 101 for earthworm number, and earthworms biomass. In the table also the average correlation coefficients for each indicator group (chemical, physical and biological indicators) is reported, in addition to the overall average correlation coefficient (calculated across all the indicators).*Hy-DOC* hydrophilic dissolved organic carbon, *DOC* dissolved organic carbon, *POXC* permanganate oxidizable carbon, HWEC hot water extractable carbon, POMC particulate organic matter carbon, TOC total organic carbon, TON total

DOI of original article: https://doi.org/10.1016/j.ecolind.2018.12.008.
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https://doi.org/10.1016/j.ecolind.2020.107093

Available online 13 November 2020

	Hy-DOC		DOC		POXC		HWEC		POMC		TOC	
Chemical indicators												
TOC	0.44	***	0.33	***	0.69	***	0.52	***	0.68	***	1	
TON	0.54	***	0.42	***	0.73	***	0.57	***	0.63	***	0.79	***
CEC	0.18	*	0.27	**	0.43	***	0.24	*	0.23	*	0.35	***
C/N	−0.30	***	−0.39	***	−0.54	***	−0.36	***	−0.21	*	−0.26	**
pH	0.06	–	−0.24	*	0.06	–	0.03	–	0.13	–	0.10	–
P	0.24	*	0.08	–	0.29	**	0.27	**	0.27	**	0.36	***
P Olsen	0.18	*	0.15	*	0.22	*	0.29	**	0.28	**	0.33	***
Mg	0.16	*	0.21	*	0.45	***	0.22	*	0.21	*	0.33	***
Ca	0.24	*	−0.003	–	0.19	*	0.15	*	0.26	**	0.27	**
K	0.16	*	0.15	*	0.40	***	0.29	**	0.33	***	0.50	***
Na	0.15	*	0.11	–	0.02	–	−0.05	–	0.01	–	0.01	–
Average chemical	0.24		0.21		0.36		0.27		0.29		0.33	
Physical indicators												
WSA	0.30	**	0.32	***	0.53	***	0.35	***	0.35	***	0.44	***
WHC	0.19	*	0.19	*	0.30	**	0.28	**	0.25	*	0.49	***
BD	−0.10	–	−0.09	–	−0.28	**	−0.25	*	−0.38	***	−0.31	***
Sand	0.01	–	−0.21	*	0.01	–	−0.02	–	0.07	–	−0.01	–
Silt	0.14	–	0.13	–	0.05	–	0.08	–	0.09	–	0.09	–
Clay	−0.03	–	0.04	–	0.04	–	−0.02	–	−0.13	–	0.03	–
WC	0.20	*	0.20	*	0.24	*	0.12	–	0.32	***	0.29	**
Average physical	0.14		0.17		0.21		0.16		0.23		0.24	
Biological indicators												
MBC	0.40	***	0.13	–	0.59	***	0.52	***	0.53	***	0.54	***
MBN	0.28	**	0.16	*	0.47	***	0.41	***	0.38	***	0.32	***
SR	0.28	**	0.05	–	0.46	***	0.44	***	0.48	***	0.24	*
qCO_2	−0.07	–	−0.06	–	−0.15	–	−0.08	–	−0.11	–	−0.37	***
qMic	0.20	*	−0.06	–	0.26	**	0.30	***	0.20	*	0.01	–
Earthworm numbers	0.06	–	−0.16	–	0.07	–	0.02	–	−0.0003	–	−0.07	–
Earthworm biomass	0.05	–	−0.10	–	0.04	–	0.07	–	−0.15	–	−0.18	–
Decomposition	−0.12	–	−0.20	*	−0.34	**	−0.34	**	−0.27	*	−0.23	*
Decomposition	0.24	*	0.36	**	0.53	***	0.43	***	0.44	***	0.43	***
Average biological	0.18		0.11		0.30		0.27		0.26		0.24	
Average biological	0.24		0.13		0.37		0.32		0.33		0.31	
Average overall indicators	0.19		0.17		0.30		0.24		0.27		0.28	
Average overall indicators	0.21		0.17		0.31		0.25		0.28		0.29	

nitrogen, CEC cation exchange capacity, WSA water stable aggregates, BD bulk density, MBC microbial biomass carbon, MBN microbial biomass nitrogen, SR soil respiration, qCO_2 metabolic quotient, qMIC microbial quotient.

*$p \leq 0.01$, **$p \leq 0.001$, ***$p \leq 0.0001$.

Appendix A. Supplementary data

Supplementary data to this article can be found online at https://doi.org/10.1016/j.ecolind.2020.107093.