

Table S1. Chemical properties of the analyzed soil

Sample No.	Depth [cm]	pH		CaCO ₃ [%]	Total		C/N	Available	
		H ₂ O	KCl		Humus [%]	N [%]		P ₂ O ₅	K ₂ O mg/100g
1	0–10cm	7.54	7.23	7.55	2.81	0.23	7.14	26.13	36.5
	10–30cm	7.67	7.22	8.74	2.09	0.16	7.43	24.38	29.8
2	0–10cm	7.54	7.14	5.83	3.84	0.25	8.77	39.25	49.6
	10–30cm	7.64	7.18	8.63	1.93	0.15	7.64	39.25	34.2
3	0–10cm	7.49	7.18	6.26	3.05	0.22	8.34	35.05	51.0
	10–30cm	7.54	7.24	6.69	1.94	0.23	4.97	28.14	40.1
4	0–10cm	7.60	7.16	6.91	3.24	0.23	8.24	34.18	37.7
	10–30cm	7.58	7.18	8.20	1.98	0.14	7.97	35.98	28.2