

Table 1 Comparison of soil organic carbon (SOC) and total nitrogen (TN) using in the present study and Kao-Kniffin et al.

	SOC (%)		TN (%)	
	The present study	Kao-Kniffin et al. 2015.	The present study	Kao-Kniffin et al. 2015.
Basin age				
Young	8.8 (2.0)	6.9 (1.9)	0.43 (0.09)	0.43 (0.11)
Medium	9.8 (2.5)	8.4 (1.6)	0.45 (0.11)	0.49 (0.09)
Old	12.4 (2.2)	13.4 (1.6)	0.57 (0.10)	0.77 (0.09)
Ancient	13.3 (3.2)	10.7 (2.5)	0.60 (0.13)	0.62 (0.14)
Soil depth layer				
Active	16.9 (2.1)	14.1 (2.1)	0.73 (0.09)	0.78 (0.11)
Transition	10.4 (2.1)	9.6 (1.8)	0.50 (0.09)	0.57 (0.11)
Permafrost	5.6 (1.0)	5.8 (1.4)	0.29 (0.05)	0.36 (0.09)

The values indicate means and standard error (in parentheses)