

靳新影, 张肖冲, 金多, 马志山, 陈韵, 李清宇. 腾格里沙漠东南缘不同生物土壤结皮细菌多样性及其季节动态特征. 生物多样性, 2020, 28 (6): 718–726.
<http://www.biodiversity-science.net/fileup/PDF/2019298>

附录 2 土壤样本的 Alpha 多样性分析。数据为均值 \pm SD, 不同字母表示同一土壤不同季节的差异显著($P < 0.05$)。Z: 藻结皮; ZD: 藻结皮下层; X: 藓结皮; XD: 藓结皮下层; Sp: 春天; Su: 夏天; Au: 秋天; Wi: 冬天。

Appendix 2 Alpha diversity analysis of soil samples. The data were mean \pm SD. The different letters indicates that there was significant difference among different seasons for the same type soil ($P < 0.05$). Z, algae crusts; ZD, algae crust sublayer; X, moss crusts; XD, moss crust sublayer; Sp, spring; Su, summer; Au, autumn; Wi, winter.

样品	Sobs 指数	香农指数	Ace 指数	Chao 指数
Sample	Sobs index	Shannon index	Ace index	Chao index
Z_Sp	2,089.4 \pm 220.2 ^b	6.11 \pm 0.199 ^a	3,238.82 \pm 255.0 ^b	3,060.49 \pm 315.9 ^b
Z_Su	1,797.0 \pm 119.3 ^a	5.87 \pm 0.121 ^a	2,523.61 \pm 154.0 ^a	2,560.97 \pm 161.0 ^a
Z_Au	2,072.4 \pm 98.2 ^b	6.02 \pm 0.206 ^a	3,233.56 \pm 232.9 ^b	3,025.47 \pm 139.7 ^b
Z_Wi	2,144.0 \pm 66.6 ^b	6.11 \pm 0.033 ^a	3,059.60 \pm 103.2 ^b	3,078.02 \pm 150.5 ^b
ZD_Sp	2,546.4 \pm 72.8 ^b	6.53 \pm 0.099 ^a	3,878.55 \pm 359.8 ^b	3,697.43 \pm 101.4 ^b
ZD_Su	2,215.6 \pm 41.0 ^a	6.33 \pm 0.116 ^a	3,279.95 \pm 219.5 ^a	3,199.59 \pm 67.3 ^a
ZD_Au	2,485.6 \pm 105.1 ^b	6.48 \pm 0.129 ^a	3,786.54 \pm 295.7 ^b	3,655.00 \pm 106.9 ^b
ZD_Wi	2,522.0 \pm 107.9 ^b	6.38 \pm 0.106 ^a	3,738.42 \pm 112.6 ^b	3,671.60 \pm 120.4 ^b
X_Sp	2,301.8 \pm 103.9 ^b	6.30 \pm 0.066 ^b	3,491.10 \pm 281.9 ^b	3,362.20 \pm 108.1 ^a
X_Su	1,753.4 \pm 129.4 ^a	5.71 \pm 0.254 ^a	2,621.49 \pm 226.5 ^a	2,540.77 \pm 141.5 ^b
X_Au	2,113.2 \pm 215.2 ^b	5.80 \pm 0.415 ^a	3,490.63 \pm 225.1 ^b	3,144.18 \pm 284.3 ^b
X_Wi	2,283.0 \pm 147.3 ^b	6.19 \pm 0.123 ^b	3,331.16 \pm 218.6 ^b	3,305.59 \pm 164.2 ^b
XD_Sp	2,682.6 \pm 186.6 ^b	6.58 \pm 0.114 ^b	4,098.45 \pm 393.3 ^b	3,929.48 \pm 295.3 ^b
XD_Su	2,277.2 \pm 87.6 ^a	6.37 \pm 0.042 ^a	3,429.24 \pm 289.0 ^a	3,322.67 \pm 204.2 ^a
XD_Au	2,553.4 \pm 78.3 ^b	6.51 \pm 0.128 ^{ab}	3,784.10 \pm 91.9 ^b	3,768.98 \pm 145.6 ^b
XD_Wi	2,648.2 \pm 100.3 ^b	6.45 \pm 0.101 ^{ab}	3,872.93 \pm 121.4 ^b	3,812.90 \pm 118.3 ^b