

Supplementary Table S2. Soil nutrient classification standards.

Index	Extreme lack	Lack	Relative lack	Medium	Richness	High richness
SOC	< 6.00	6.00~10.00	10.00~20.00	20.00~30.00	30.00~40.00	≥ 40.00
TN	< 0.50	0.50~0.75	0.75~1.00	1.00~1.50	1.50~2.00	≥ 2.00
TP	< 0.20	0.20~0.40	0.40~0.60	0.60~0.80	0.80~1.00	≥ 1.00
TK	< 5.00	5.00~10.00	10.00~15.00	15.00~20.00	20.00~25.00	≥ 25.00
AP	< 3.00	3.00~5.00	5.00~10.00	10.00~20.00	20.00~40.00	≥ 40.00
AK	< 30.00	30.00~50.00	50.00~100.00	100.00~150.00	150.00~200.0	≥ 200.00