

Low frequency of plants associated with symbiotic nitrogen-fixers exhibits high frequency of free-living nitrogen fixing bacteria: A study in karst shrub ecosystems of Southwest China

Yueming Liang ¹·Xunyang He ^{2,3}· Xiangbi Chen ^{2,3}·Yirong Su ^{2,3*}·Fujing Pan⁴ Lening Hu^{1,2,5}

Table S1. Plot basic information.

Plot	Longitude	Latitude	Ascent	Slope position	Aspect
Plot1	108° 02' 19.60"	24° 57' 20.23"	39°	Lower	Southeast
Plot2	108° 03' 26.08"	24° 57' 56.51"	40°	Lower	Southeast
Plot3	108° 03' 42.55"	24° 57' 56.69"	34°	Lower	Southeast
Plot4	108° 18' 13.04"	24° 45' 57.74"	25°	Lower	Southeast
Plot5	108° 18' 07.20"	24° 45' 56.16"	26°	Lower	Southeast
Plot6	108° 19' 33.75"	24° 44' 22.39"	28°	Lower	Southeast
Plot7	107° 57' 51.81"	25° 04' 05.28"	42°	Lower	Southeast
Plot8	107° 57' 49.66"	25° 04' 07.57"	42°	Lower	Southeast
Plot9	107° 57' 50.49"	25° 04' 01.07"	45°	Lower	Southeast
Plot10	108° 18' 05.00"	24° 45' 54.30"	29°	Middle	Southeast
Plot11	108° 18' 07.56"	24° 45' 54.44"	33°	Middle	Southeast
Plot12	108° 17' 57.88"	24° 45' 43.06"	30°	Middle	Southeast
Plot13	108° 18' 08.95"	24° 45' 52.28"	50°	Upper	Southeast
Plot14	108° 18' 07.55"	24° 45' 51.13"	28°	Upper	Southeast
Plot15	108° 18' 12.95"	24° 45' 54.37"	35°	Upper	Southeast
Plot16	108° 18' 01.04"	24° 46' 05.11"	27°	Lower	East
Plot17	108° 18' 18.24"	24° 45' 35.36"	16°	Lower	East
Plot18	108° 19' 32.75"	24° 44' 43.38"	42°	Lower	East
Plot19	108° 18' 52.25"	24° 44' 14.21"	25°	Lower	South
Plot20	108° 18' 04.13"	24° 46' 10.47"	22°	Lower	South
Plot21	108° 18' 19.95"	24° 46' 00.01"	31°	Lower	South