

Tab. S4 Bacterial α -diversity in mixtures after one year's decomposition

Litterbag types	Chao1	Ace	Shannon
RP×QA	3109.5±251.3bc	2651.4±89.5abc	8.88±0.19a
RP×PD	2583.9±159.7c	2329.0±94.2bc	8.61±0.24ab
RP×PT	3879.8±150.9a	3237.6±208a	8.87±0.29a
QA×PD	2597.2±312.1c	2189.6±387.2c	7.88±0.62b
QA×PT	3365.7±158.8ab	2875.6±129.8ab	8.83±0.37a
PD×PT	3129.8±192.0bc	2603.2±76.1abc	8.53±0.13ab

Note: Values are means \pm SE (n=3). RP, *Robinia pseudoacacia*; QA, *Quercus acutissima*; PT, *Pinus tabulaeformis*; PD, *Pinus densiflora*. "×" represents mixing decomposition. Different lowercase letters represent significant differences among four leaf litter types.