

Tab. S3 Bacterial α -diversity in the monoculture litter after one-year decomposition.

Litterbag types	Chao1	Ace	Shannon
RP	2729.5±92.5a	2731.0±109.0a	9.13±0.11a
QA	2672.9±19.1a	2706.4±65.9a	8.38±0.07c
PD	2221.5±86.4b	2282.3±98.8b	8.97±0.52ab
PT	2275.8±88.7b	2311.5±60.5b	8.78±0.03b

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