Supplementary Materials

Table S1: T-test results of relative abundance of soil microbial phyla in deadwood and control soils

Deadwood types	Basidiomycota	Ascomycota	Glomeromycota	Rozellomycota	Acidobacteria	Actinobacteria	Armatimonadetes	Nitrospirae
DB	0.1978	0.4342	0.1699	0.9815	0.5419	0.4641	0.9945	0.8514
DW	0.5660	0.7453	0.1118	0.9700	0.7417	0.2829	0.5689	0.9681
CB	0.2059	0.3753	0.0327 *	0.0965	0.5858	0.2909	0.8231	0.3324
CW	0.4406	0.1000	0.5683	0.9033	0.2686	0.2677	0.4874	0.9999

*: $p < 0.05$. DB: Brown-rotten wood in the deciduous forest; DW: White-rot wood in the deciduous forest; CB: Brown-rotten wood in the coniferous forest; CW: White-rot wood in the coniferous forest.