Table S1. ANOVA results of the effects of stand ages: (A) on soil physicochemical properties; (B) on soil microbial community composition; and (C) on soil microbial enzyme activity.

Subject	DF	F Value	Pr>F
A. Soil physicochemical properties			
pH	11	3.114	0.088
Moisture	11	3.191	0.084
SOC	11	2.090	0.180
Total N	11	1.155	0.385
C/N ratio	11	0.185	0.904
Net N Mineralization rate	11	72.995	0.000
Total potassium percent	11	86.018	0.000
Total phosphorus percent	11	0.323	0.809
B. Soil microbial community composition			
Total PLFAs	11	0.250	0.859
Bacterial PLFAs	11	0.239	0.867
G+ bacterial PLFAs	11	0.121	0.945
G− bacterial PLFAs	11	0.533	0.672
Fungal PLFAs	11	2.474	0.136
AM Fungal PLFAs	11	4.843	0.033
F/B ratio	11	6.380	0.016
G+/G− ratio	11	7.215	0.012
G+ bacteria%	11	1.145	0.388
G− bacteria%	11	26.593	0.000
Fungi%	11	2.906	0.101
Bacteria%	11	26.131	0.000
AM Fungi%	11	7.227	0.011
C. Soil microbial enzyme activity			
β-glucosidase activity	11	12.374	0.002
Urease activity	11	8.850	0.006
Phosphatase activity	11	2.282	0.156

DF, degree of freedom; G+, gram-positive; G− , gram-negative; AM, arbuscular mycorrhizal; F/B ratio, the ratio of saprotrophic fungi to bacteria; G+/G− ratio, the ratio of gram-positive bacteria to gram-negative bacteria; % represents the relative abundance of a group.