Supplementary materials

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Figure S1. Number of bacterial genera, families and orders for each of the soil samples related to the total number of
25   bacterial sequences in 78-year-old forest plantations with different tree species.

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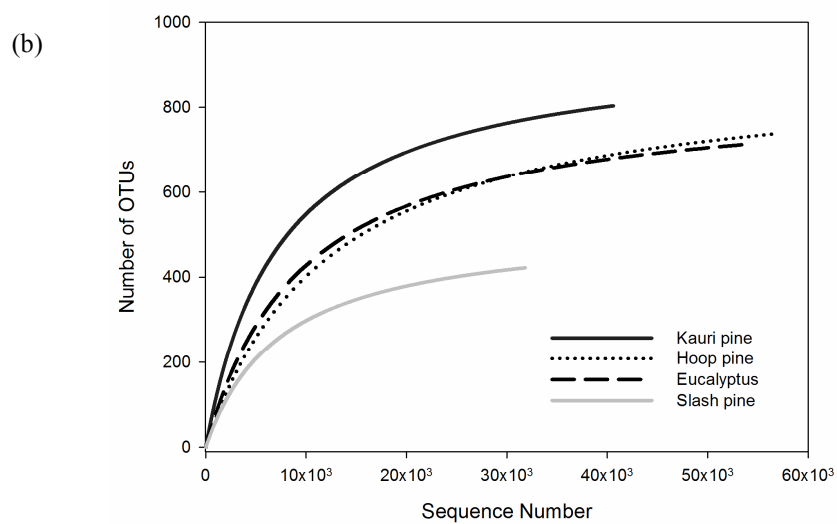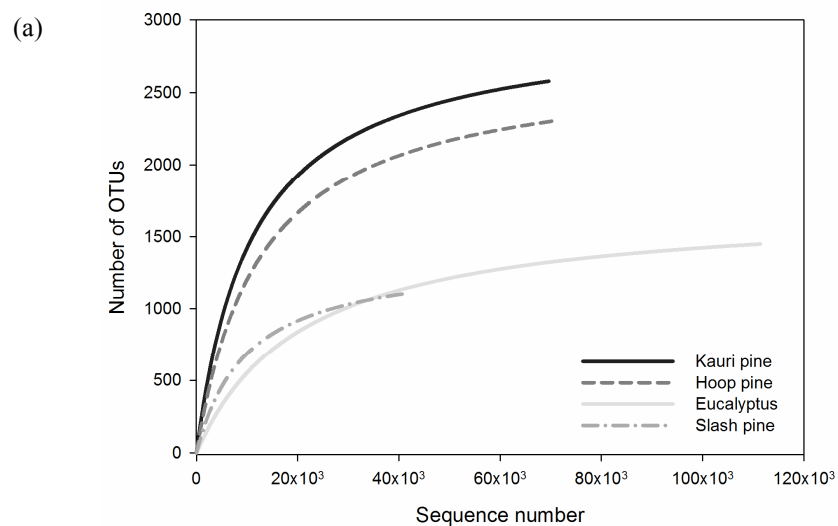
Figure S2. Rarefaction curves of soil bacteria (a) and eukaryotes (b) in 78-year-old forest plantations with different tree species. OTU, operational taxonomical unit.
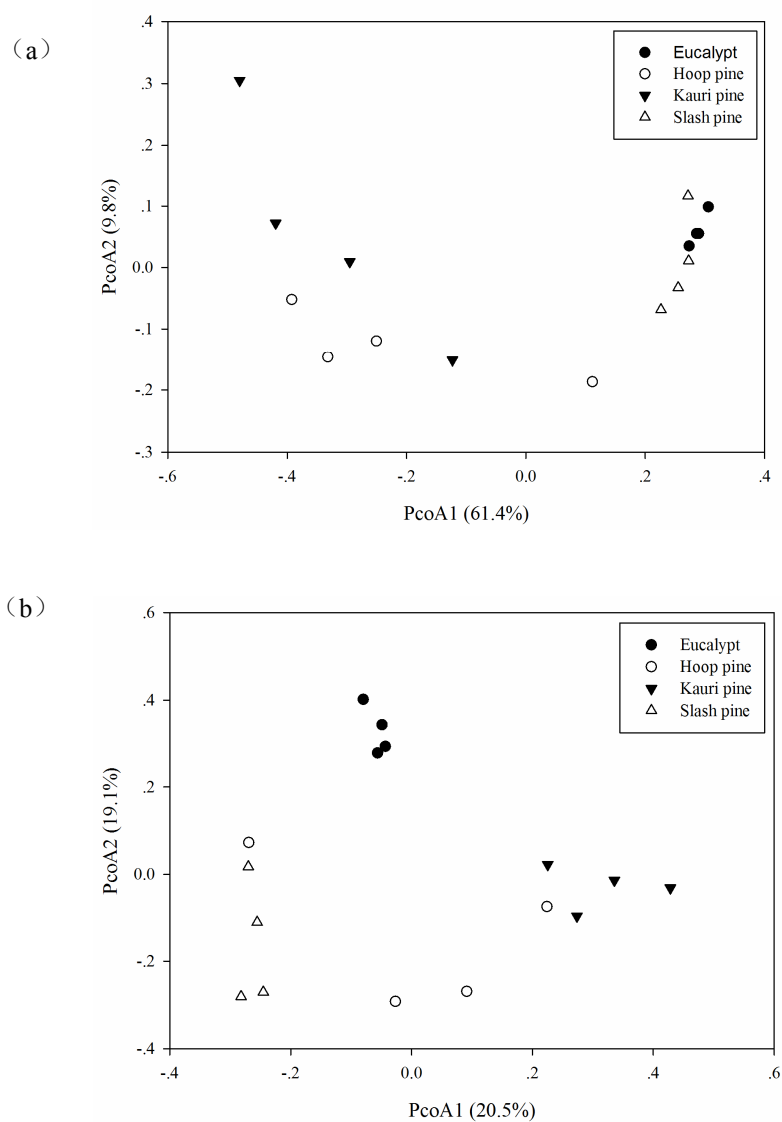
Figure S3. Principal component analysis (PcoA) of community structure of bacterial (a) and eukaryotic (b) phyla in soils under different tree species.