

Supplement of Biogeosciences, 14, 2101–2111, 2017  
<http://www.biogeosciences.net/14/2101/2017/>  
doi:10.5194/bg-14-2101-2017-supplement  
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*Supplement of*

## **Soil microbial community structure and diversity are largely influenced by soil pH and nutrient quality in 78-year-old tree plantations**

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Supplementary materials

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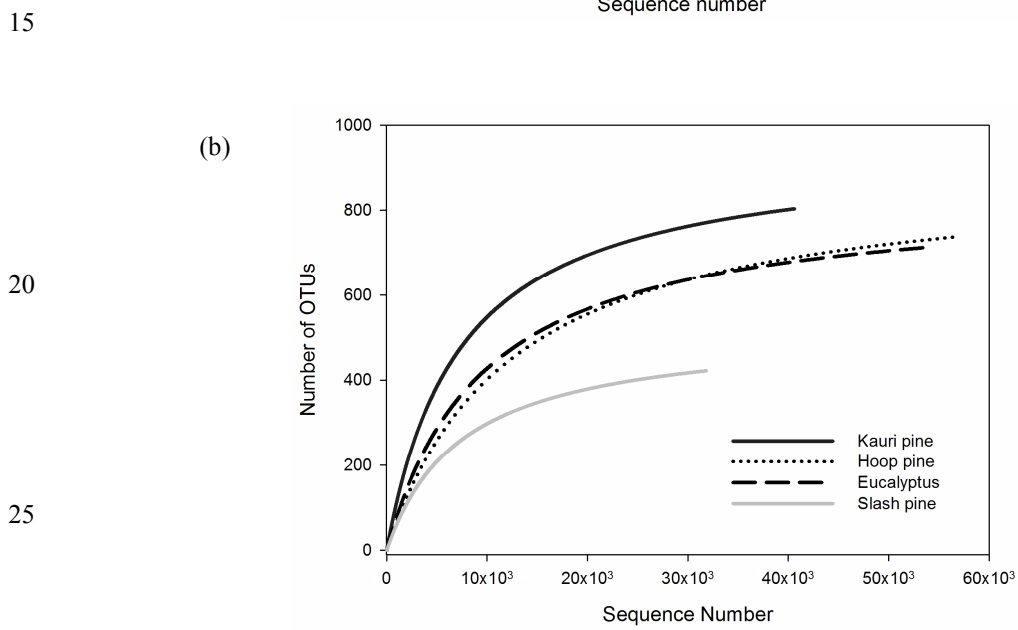
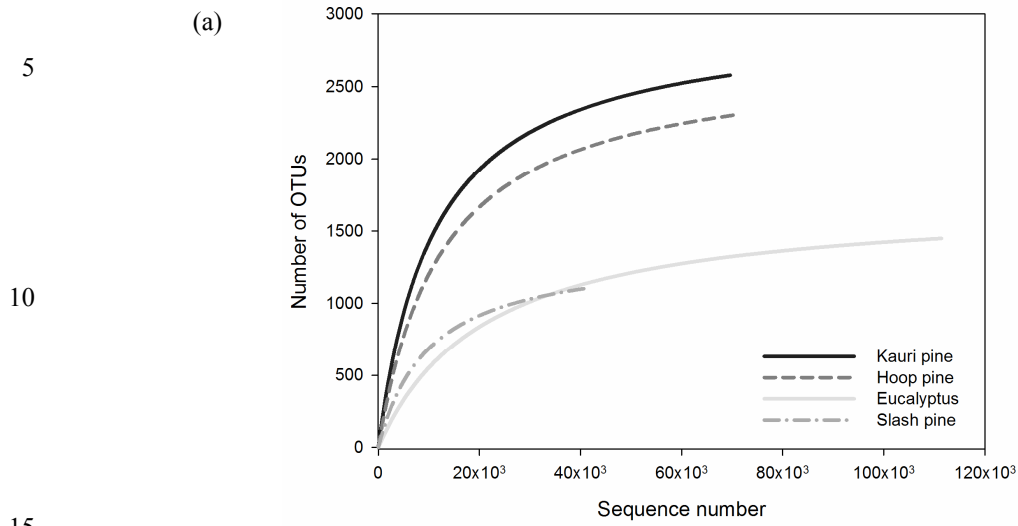
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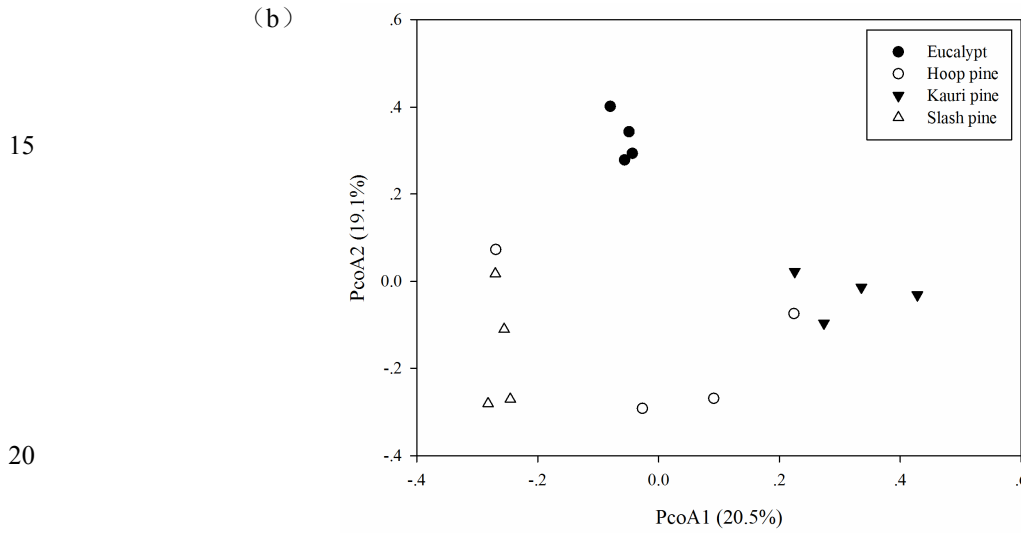
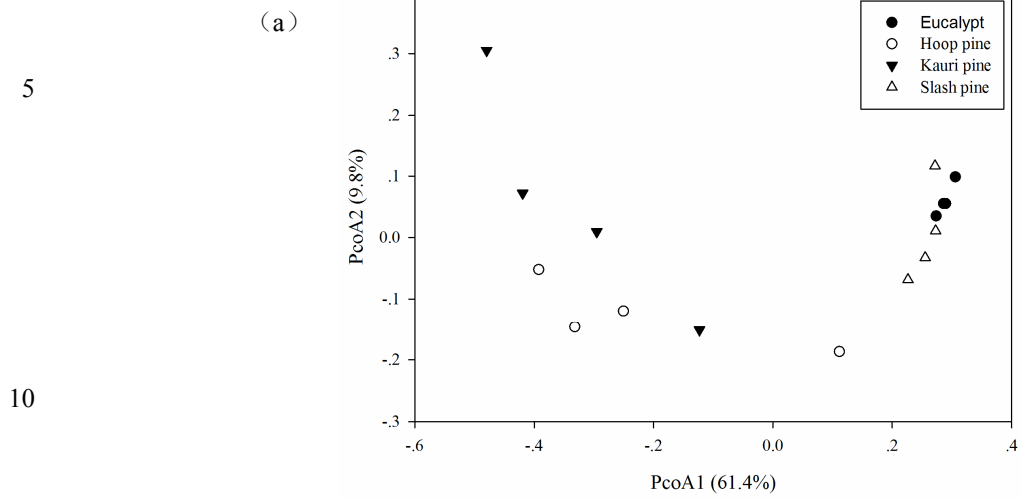
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**Figure S1.** Number of bacterial genera, families and orders for each of the soil samples related to the total number of bacterial sequences in 78-year-old forest plantations with different tree species.

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30 **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.