

Supplementary Materials:

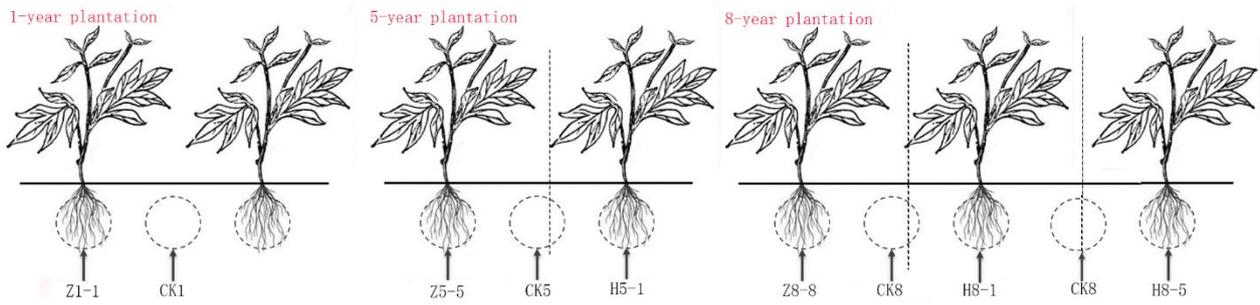


Figure.S1 Soil sample. Note: The naming of each sample in the table is the same as that in Table 2.

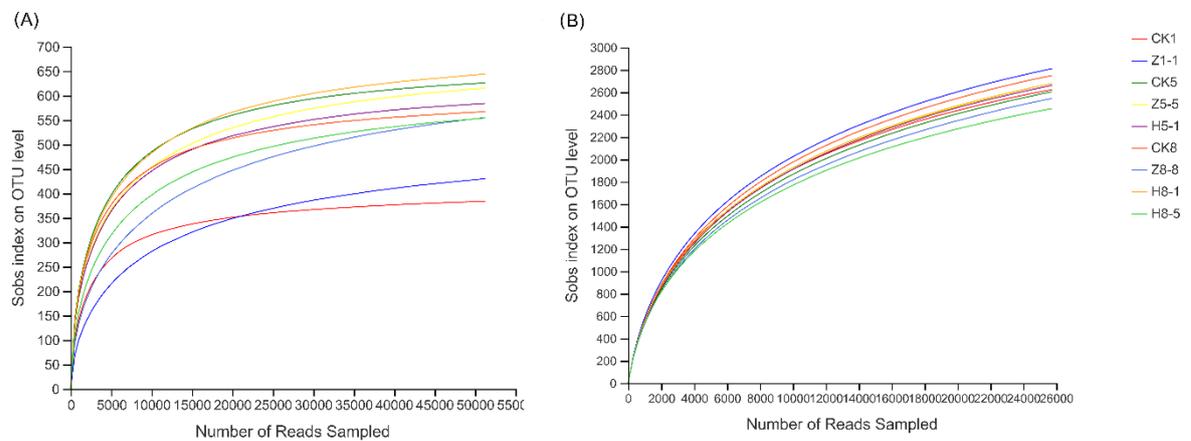


Figure.S2 Rarefaction curves of OTUs in each soil sample. Note: The naming of each sample in the figure is the same as that in Table 2. (A): Rarefaction curves of OTUs of fungi; (B): Rarefaction curves of OTUs of bacteria.

Table S1 Relative abundance of fungi communities in soil under different years of planting and replanting at the species level.

Sample		<i>Clitopilus</i> sp.	<i>Psathyrella</i> <i>kellermanii</i>	<i>Cystobasidium</i> <i>minuta</i>
1-year plantation	CK1	0.00%	0.00%	0.00%
	Z1-1	0.00%	0.00%	0.00%
5-year plantation	CK5	0.00%	0.00%	0.00%
	Z5-5	0.00%	0.00%	0.00%
	H5-1	0.00%	0.00%	0.00%
8-year plantation	CK8	0.00%	0.00%	0.00%
	Z8-8	0.00%	0.00%	0.00%
	H8-1	0.01%	0.04%	0.02%
	H8-5	0.05%	0.02%	0.01%

Note: The naming of each sample in the table is the same as that in Table 2.

Table S2 Relative abundance of bacterial communities in soil under different years of planting and replanting at the species level.

Sample		<i>Azorhizobium</i> <i>doebereinae</i>	<i>Legionella</i> <i>feeleii</i>	<i>Verrucomicrobiaceae</i> <i>bacterium</i>	<i>Sphaerobacter</i> <i>thermophiles</i> DSM_20745
1-year plantation	CK1	0.00%	0.00%	0.00%	0.00%
	Z1-1	0.00%	0.00%	0.00%	0.00%
5-year plantation	CK5	0.00%	0.00%	0.00%	0.00%
	Z5-5	0.00%	0.00%	0.00%	0.00%
	H5-1	0.00%	0.00%	0.00%	0.00%
8-year plantation	CK8	0.00%	0.00%	0.00%	0.00%
	Z8-8	0.00%	0.00%	0.00%	0.00%
	H8-1	0.00%	0.00%	0.00%	0.00%
	H8-5	0.05%	0.04%	0.03%	0.01%

Note: The naming of each sample in the table is the same as that in Table 2.