

## Postia of China

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**Abstract:** *Postia* Fr. (*Aphylophorales*, *Basidiomycota*) is an important genus of brown-rot fungi. The species of it can degrade the cellulose and semi-cellulose of wood. Recently, some studies about this genus have been carried out in China. About 300 specimens belong to *Postia* were collected from more than 40 forest reserves and forest parks all over China and 20 species have been identified from this area. The preliminary ecological studies about this genus showed that the species of it mainly distribute in North hemisphere widely, primarily inhabit on gymnosperm wood. The relationship between species habitation and decaying-degree of host is position. The ratio of positive correlation is 0.885. Some degradation researches about *Postia* also have been done, focusing on the activity of cellulase and semi-cellulase.