

研究报告

# 麻竹山地笋用林凋落物发生、分解及养分归还动态

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## 摘要

对福建省漳州市南靖国有林场山地麻竹笋用林凋落物的养分动态进行了研究.结果表明,凋落物的发生、养分浓度及养分归还量具有明显的季节性,且都呈双峰型;分解失重呈现出先快后慢的规律,分解剩余率与分解时间呈明显的负指数相关;凋落物分解剩余物N和P浓度呈升-降-升的变化规律,K则在前期流失强烈,中期平缓,后期略有回升.

关键词 [麻竹](#); [山地](#); [凋落物养分](#)

分类号

## Dynamics of litterfall and its decomposition and nutrient return of shoot used *Dendrocalamus latiflorus* in Mountainous areas of Fujian Province

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## Abstract

This paper studied the dynamics of nutrients in the litters of shoot-used *Dendrocalamus latiflorus* planted in Nanjing State-owned Forest Farm of Fujian Province. The results showed that the litterfall as well as its nutrient concentration and return varied obviously with seasons, and had a double peak curve change. The weight loss during litter decomposition was very fast at first, and then slowed down. There was a negative exponent correlation between remained weight and decomposition time. During decomposition, the concentrations of N and P in litter showed a trend of increase-decrease increase, while the K loss was intensive at the early stage, gently at mid stage, and slight at late stage.

**Key words** [Dendrocalamus latiflorus](#) [Mountainous area](#) [Litter](#) [Nutrient](#)

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