

*The Geographic Distribution of the White Wax  
Scale, *Ericerus pela* Chavannes, in China*

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**Abstract** The monograph of the geographic distribution of the white wax scale has not been reported before. In the years 1980 to 1988, investigation on the white wax scale has been conducted. The investigation indicated that the white wax scale's distribution is from  $85^{\circ}08'$  to  $121^{\circ}23'$  E and  $18^{\circ}$  to  $42^{\circ}$  N; with an elevation of 4.7 m to 3 000 m in vertical distribution; from the warm temperate zone to north temperate zone and from north subtropical zone to the south subtropical zone. The adaptability of the white wax scale to different climatic environments and ecological conditions was quite strong and its plasticity quite big. The distribution of its natural enemies is basically the same as that of the white wax scale.

**Key words** white wax scale; geographic distribution; China

“杉木优良品系综合选择及其利用”通过技术鉴定

由中国林科院亚热带林业试验中心和亚热带林业研究所共同开展的“杉木优良品系综合选择及其利用”的研究，于1990年10月30~31日通过新余市科委技术鉴定。评审委员会认为本研究目的明确、方法先进、设计合理、资料齐全、数据可靠、结论可信。经十年系统研究，探索了杉木生长、形质和材质等性状在种源、家系不同群体中的遗传变异模式，为今后开展杉木多性状综合选择提供了重要依据。两水平的试验，充分利用了各层次群体中遗传方差，提高了选育效果，加速了选育进程，在国内首次将指数选择法应用于林木优良品系评选。本研究共评选出10个优良种源，33个优良半同胞家系和3个优良全同胞家系，经较大面积生产验证，效益明显，具有推广价值。评委会认为本研究具有国内同类研究的领先地位，其中两水平选种研究和指数选择法应用达到国际水平。

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