

植物生态学报

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封面说明: 长白山岳桦林景观(朴龙国摄)。长白山地区保存有以阔叶红松林为代表的典型温带森林植被，是研究森林演替、树种共存与群落空间格局的重要区域。王子平等基于长白山24 hm^2固定监测样地，对比分析了阔叶红松林与次生杨桦林不同演替阶段树种的空间分布及种间关联格局，发现两种林型中树种均呈聚集分布，但建群树种红松的聚集程度随演替进程逐渐减弱，其与先锋树种白桦和山杨的种间关联由正转负，为揭示阔叶红松林树种空间格局及种间关系的演变规律提供了新的认识(本期833-845页)。

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Cover illustration: *Betula ermanii* forest in Changbai Mountains (photograph by PIAO Long-Guo). The Changbai Mountains region harbors typical temperate forest vegetation represented by broadleaf Korean pine forests, and provides an important natural setting for studying forest succession, tree species coexistence, and community spatial patterns. Wang et al. used a 24 hm^2 permanent forest dynamics plot in Changbai Mountains to compare the spatial distribution and interspecific association patterns of tree species between early-successional secondary poplar-birch forests and late-successional broadleaf Korean pine forests (pages 833-845). They found that tree species in both forest types exhibited clustered distributions. The aggregation of the foundation species, *Pinus koraiensis*, gradually declined with succession, and its associations with the pioneer species *Betula platyphylla* and *Populus davidiana* shifted from positive to negative. These findings advance our understanding of how tree spatial patterns and interspecific relationships change during the succession of broadleaf Korean pine forests.