

### 物种丰富度格局研究进展

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### Advances in the Study of Species Richness Pattern

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**摘要** 阐明了物种丰富度格局变化及其环境影响因子, 并论述了目前研究较多的能量假说、地质历史过程假说、中域效应假说和Rapoport法则4种假说。这些假说对物种丰富度格局成因作出了一定解释, 但针对不同的地理区域。其普适性尚需进一步研究。此外, 对物种丰富度格局研究中常用的技术方法和影响格局分布的因素加以归纳总结, 对我国未来物种丰富度格局研究进行展望, 为制定区域生物物种资源保护战略提供参考。

**关键词:** 物种 分布格局 假说 方法 模型 影响因子

**Abstract:** Four most attracting hypotheses, i.e. species-energy hypothesis, historical hypothesis, mid-domain effect hypothesis, and Rapoport's rule, are elaborated. It is believed that they do explain the species richness pattern to a certain extent, however further studies need to be done to improve their universality for different areas. Brsodes, common methodology and techniques used in the study on species richness patterns and factors influencing distribution of species richness are summarized and at the end prospects for the study on species richness patterns in China are presented, in the hope that they may serve as references for decision-makers in plotting regional conservation strategies for bio-species resources.

**Keywords:** species richness pattern hypothesis method model influencing factor

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