

农学—研究报告

西南地区前胡属植物的地理分布研究

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摘要:

为探讨前胡属植物的起源和演化,对西南地区前胡属植物的地理分布进行了初步的分析,该属西南地区植物主要分布于川西高原,海拔范围200米~3800米,植物分布区类型主要是旧世界温带分布型中的欧亚和南部非洲间断分布亚型,其区系成分以横断山脉地区为主要成分。另外还兼有少量的中国—日本森林植物亚区成分,西南地区前胡属在形态、花粉、叶表皮等方面既有原始性状又有进化的性状。并具有不同程度的分化,本研究认为西南地区为前胡属的分布和演化中心,该属中也存在一些水平替代和垂直替代现象。

关键词: 替代现象

Studies on Geographic Distribution of Peucedanum L. in Southwest of China

Abstract:

For discussing the origin and the evolution of Peucedanum L., an elementary analysis of the geographic distribution in Peucedanum L. was undertaken. There are 18 species 1 varietis of Peucedanum L. in southwest of china mainly distributing in the altiplano of West of Sichuan in 200-3800 m. The areal-type of Peucedanum L. is Old World Temperate. Besides Sino-Japan forest subkingdom, the most dominant floristic composition of Ligusticum L. is Sino-Himalaya forest subkingdom, especially Hengduan Mountains. Combined with the diversification in morphology, pollen characteristics, and the anatomical characteristics of petioles and so on, as well as abundance of Peucedanum L. in this region, Results of these analyses corroborate that the south west of China is the richness centers and diversity centers. And there are many substitute phenomenones in Peucedanum L. not only in horizon but also in vertical.

Keywords: substitute phenomenon

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