



重楼属药用植物数量分类学研究

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中文摘要:选取18个性状应用数量分类学原理与方法对重楼属17种(Paris L.)代表植物进行研究,选取欧式距离系数和非加权平均数法(UPGMA)进行聚类。聚类分析结果将重楼属17个种分为两个组群和7个组,并与传统分类学相比较讨论,两个组群的划分与李恒分类系统中侧膜胎座亚属和中轴胎座亚属不同,但其中第5、6、7组分别与李恒分类系统中的海南组、五指连组、北重楼组的划分基本一致,而传统分类中根据特殊性状建立的球药隔组、花叶组和黑籽组被归入第2、3、4组。

中文关键词:重楼 数量分类学 聚类分析 亲缘关系

The Numerical Taxonomy of Paris L. Plants

Abstract:Numerical taxonomic studies were carried out in order to elucidate the taxonomic relationship among 17 species belonging to Paris L. 18 characters including 10 morphological, 4 pollen morphological, 2 cytological and 2 habitat characters were used for analysis. On basis of UPGMA clustering analysis, two subgenus and seven groups were recognised. The classification of the two subgenus was different from the opinion of Subgenus Daiswa and Subgenus Paris by Li Heng. The classification of Sect. Dunniinae, Sect. Axiparis and Sect. Paris agreed with the idea of Li Heng. But Sect. Fargesianae, Sect. Marmoratae and Sect. Thibeticae which were established baseing on the especially characters by Li Heng were classified into Cluster 2, Cluster 3 and Cluster 4.

keywords:Paris numerical taxonomy cluster analysis genetic relationship

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