

题 目：海南省林区节肢动物数据库的构建

摘要

林区节肢动物是一类具有开发价值的资源，在世界的每个角落里，有很多人都在和这些小虫子打交道。我们通过了解林区节肢动物物种的组成，物种的生活习性、食性及生态功能、还可以扩充到作用于对生物进行控制的天敌类型。要达到这些目的首先就是要掌握节肢动物的组成及各物种的生物学特性。通过收集资料、整理数据的方式来对物种资源整合后建立海南林区节肢动物数据库，主要功能是对物种的分类汇总、完善信息、排序、检索等。数据库内的生物学特性如丰富度等信息可以指导人们对稀有节肢动物的保护和扩大相关知识的科普同时也能了解林区害虫的分布情况、了解入侵物种的分布，从而制定合理的防治措施等。总之，该数据库的建立势必给林区节肢动物的保护及利用提供数据支撑。

关键词：林区；节肢动物；数据库；多样性；海南省

Abstract

Forest arthropods are a type of resource with development value. In every corner of the world, There are many people who are good friends of insects. By understanding the composition of arthropod species in forest areas, the living habits, dietary habits, and ecological functions of the species can also be extended to the types of natural enemies that control organisms. Generally, only by mastering the composition of arthropods and the biological characteristics of each species can we achieve these goals. By collecting data and collating data, the arthropod database of Hainan forest area is established after the integration of species resources. The main function is to classify and summarize species, improve information, sort, and search. The biological characteristics such as abundance and other information in the database can guide people to protect rare arthropods and expand relevant scientific knowledge. At the same time, they can also understand the distribution of forest pests, so as to formulate reasonable control measures and understand the distribution of invasive species. In short, the establishment of the database is bound to provide data support for the protection and utilization of arthropods in forest areas.

Key words: Forest; Arthropod; Database; Diversity; Hainan

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