

屋頂綠化之植栽分層結構對於昆蟲回復效益(Plant hierarchical structure for
Insect reply efficiency in the green roof)

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摘要

City caused by over-exploitation of biological habitat fragmentation, the city pr- een roof can play an important role in ecological island-hopping. The main purpose of this study is located in Taipei City location in different environments, different pl- anting patterns on insect reply efficiency. The 14 selected green roof, Taipei city, we- re investigating "regional environment", "planting hierarchy", "plant species" three projects, while the base mapping and planting of the types and configurations to con- firm; Again in August 2011 to October weather selection time, each base every 2 we- eks one time, for insect surveys including butterflies, bees and dragonflies of the typ- e, quantity and planting of the dependence of the investigation. The statistical analysis of survey results showed that, in the case of the factors affect inginsect reply incl- udes, quite different or higher-tiered planting a larger area by planting and regional environment, two influential. For a significant number of insect species and the help of others, such as green area isnot affected, insect response for the future benefit of, the current situation in many parts of the hierarchyin order to flower and ground cov- er plants, choose more to base planting sedum; The city for green roofs, designed to strengthen by stratified planting, Increase the types of changes in planting; The over- all urban planning point of view, should be chosen near the large green space or a la- rge green space around the base, Priority to enhance the urban eco-island-hopping as the location.

關鍵字：green roof, biological reply, planting hierarchy