

THE INSECT FAUNA AT JIANFENGLING IN HAINAN ISLAND -PYRALIDAE

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Abstract Pyralidae is a big family of moths in jianfengling. Where more than 360 species have been collected in the investigations of insect fauna, in which 95 species belonging to 61 genera, 8 sub-families had been identified, amounting to over a quarter of the whole species. The Pyraustinae is a dominant sub-family and [the *Botyodes*, *Sylepta*, *Dichocrocis* as well as *Diaphania* are of dominant genera while ten species of *Diaphania strialis* Wang, *D. annulata* (Fabricius) and *Phlyctaenia tyres* Cramer and others are of dominant species. In the ecological distribution of Pyralidae, a lot of species are concentrated in the tropical semi-deciduous monsoon forest and the tropical mountain rainforest. Dynamic change in quantity of the imagos of dominant species appears mostly in the second half of the year, particularly, in September.

Key words jianfengling in Hainan province; Pyralidae; insect fauna

“油桐良种选育研究”成效显著

“油桐良种选育研究”经“六五”、“七五”的攻关，取得了显著的成效。1.开展了全国性油桐种质资源普查，搜集种质资源1849号，建立了华东、中南、华南、西南和西北全国性油桐基因库5个，地方基因库19个。2.整理了全国184个油桐地方品种，评选出71个主栽品种。应用数量分类的方法，将我国油桐品种划分为7个类群，初步解决了油桐分类上存在已久的分歧。3.在全国1846株决选的优株中，选育出优良家系、无性系40个，增产效益达30%~40%。4.油桐自交系选育已进入第四代，有8个优良自交系和75个杂交种的遗传增益在34%以上。5.建立了母树林14785亩，各类种子园9123.6亩、采穗圃940.6亩，年产优良种子90~100万kg，接芽1000万只。良种生产能力可满足全国新造桐林150~200万亩的需种量。6.油桐良种推广面积达184.01万亩，占全国1600万亩桐林的11.5%良种年平均产桐油2934万kg，占全国年产量的27.6%；良种平均亩产桐油15.9kg，为全国平均亩产6.6kg的2.4倍。

(吴金坤)