

## 1-11. Prospectives in the Biodiversity of Planthoppers from Korea (Homoptera: Fulgoroidea)

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The planthoppers can be characterized by the mouthparts which arising from posterior part of head capule, having mid legs with elongate and separated coxae. These groups are mainly tropical or subtropical origin and have been nominated as the infraorder Fulgoromorpha within the suborder Auchenorrhyncha of the order Homoptera. Recently the taxonomic position for the planthoppers has been dramatically changed to the suborder Archaeorrhyncha. Korean planthoppers have been represented exclusively by the superfamily Fulgoroidea, as in many other countries of temperate regions.

In the present survey, inventory of Korean planthoppers are revised again and catalogued to provide a basic information for insect pest management strategy as well as the survey on the insect biodiversity in Korea. Hitherto, a total of 117 species under 77 genera belonging to 12 families are listed herein. Additionally, informations on the zoogeographical trends, ecological characteristics and pest status are discussed.