

First record of the genus *Dictyopharina* Melichar, 1903 (Hemiptera: Fulgoroidea: Dictyopharidae) from China, with descriptions of two new species

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Abstract

The genus *Dictyopharina* Melichar, 1903, and its type species, *D. viridissima* Melichar, 1903 from Sri Lanka and India, are redescribed and illustrated. Two new species, *D. octaprotrusa* sp. nov. and *D. sichuanensis* sp. nov., are added to the genus from southern China, and they represent the first record of the genus from China. A key to the species of *Dictyopharina* is provided.

Key words: *Dictyopharina*, Dictyopharidae, first record, new species, China.

Introduction

The planthopper family Dictyopharidae is one of the larger families of the 20 Fulgoroidea families currently recognized, including more than 600 described species in about 400 genera (Metcalf, 1946; Liang & Wilson, 2002). This group was first recognized by Spinola in 1839 as a subfamily of the family Fulgoridae and not confirmed as subfamily or family until the 1930s. Except for the extreme Arctic and Antarctic regions, the species of the family are widely distributed in all parts of the world, especially in the tropical regions such as the South America, the Oriental Region, and the East Indies (Metcalf, 1946).

The dictyopharid fauna of China is poorly known. Approximately 39 species in 16 genera were described or recorded from the northeast and the southeast of China, including Taiwan Island. Most of these species were described rather briefly and were not illustrated, so standard revisionary work on this group in China is highly needed.

The genus *Dictyopharina* was established by Melichar in 1903 for *D. viridissima* Melichar, 1903, from Sri Lanka. Distant (1906) redescribed and illustrated this genus and