



A checklist of Cicadidae (Insecta: Hemiptera) from Cambodia, with two new species and a key to the genus *Lemuriana*

YOUNG JUNE LEE

Department of Ecology and Evolutionary Biology, University of Connecticut, 75 North Eagleville Road, Storrs, CT 06269, USA.
E-mail: cicaderolee@gmail.com

Abstract

This paper provides the first faunal checklist of Cicadidae (Insecta: Hemiptera) from Cambodia, comprising 25 species belonging to 16 genera. Two new species, *Tanna kimtaewooi* **sp. nov.** and *Lemuriana cambodiana* **sp. nov.**, are described. *Platypleura mira* Distant, 1904, *Chremistica moultoni* Boulard, 2002, *Cryptotympana recta* (Walker, 1850), *Pomponia subtilita* Lee, 2009, *Purana parvituberculata* Kos & Gogala, 2000, *Orientopsaltria padma* (Distant, 1887), and *Platylomia malickyi* Beuk, 1998 are newly added to the cicada fauna of Cambodia. *Megapomponia imperatoria* (Westwood, 1842), which was erroneously recorded due to misidentification, is removed from the fauna. Information on geographic distributions is also provided. A key to the species of the genus *Lemuriana* Distant 1905 is provided.

Key words: cicada, taxonomy, *Tanna kimtaewooi*, *Lemuriana cambodiana*, new records, key

Introduction

Presented here is the first checklist of the cicada (Hemiptera, Auchenorrhyncha, Cicadidae) fauna of Cambodia. This checklist is based on literature that mentioned the cicadas of Cambodia and specimens from the Institut royal des Sciences naturelles de Belgique, Brussels (IRSNB) and the National Institute of Biological Resources, Incheon (NIBR). Records only from specimens labeled “Cambodia” or its equivalent are included in this paper. Records from “Indo-China” without more specific locality information (e.g., in Distant 1917a, b, 1918) were not included because this term also refers to localities in Vietnam or Laos. Cicada records from “Indo-China” were discussed by Lee (2008). The synonymic list for each species includes only the references that specifically mentioned the Cambodian fauna, in addition to the original descriptions with the type localities (TL), which is listed as given in the original publications.

Nomenclature for family, subfamily, and tribal classification follows that of Lee (2008), and morphological terminology follows that of Moulds (2005). Morphological measurements were made with a Mitutoyo™ vernier caliper.

The first record of the cicadas of Cambodia was made by Stål (1866b) followed by Walker (1870), Noualhier (1896), Distant (1905c), Distant (1906b), China (1925), Hayashi (1987), Beuk (1996), Chou *et al.* (1997), Lee & Hayashi (2003), Lee (2009a), and Lee & Sanborn (2010) resulting in 17 species of 12 genera of Cicadidae hitherto recorded from Cambodia.

With addition of two new species described below, seven additional new records to the fauna, and removal of one species from the fauna, the cicada fauna of Cambodia now comprises 25 species belonging to 16 genera as listed below.