



## A checklist of Cicadidae (Insecta: Hemiptera) from Vietnam, with some taxonomic remarks

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### Abstract

This paper provides the first checklist of Cicadidae (Hemiptera) from Vietnam, comprising 111 species belonging to 36 genera. In addition, the following taxonomic changes are proposed: *Aola* Distant, 1905 **syn. nov.** is synonymized with *Haphsa* Distant, 1905; *Cicada orientalis* (Distant, 1912) is transferred to *Pomponia* Stål, 1866 to become *Pomponia orientalis* (Distant, 1912) **comb. nov.**; *Pomponia scitula* Distant, 1888 and *Aola bindusara* (Distant, 1881) are transferred to *Haphsa* Distant, 1905 to become *Haphsa scitula* (Distant, 1888) **comb. nov.** and *Haphsa bindusara* (Distant, 1881) **comb. nov.**; *Platylomia divergens* (Distant, 1917), *Platylomia assamensis* Distant, 1905, *Platylomia diana* Distant, 1905, *Platylomia saturata* (Walker, 1858) and *Platylomia pieli* Kato, 1938 are transferred to *Macrosemia* Kato, 1925 to become *Macrosemia divergens* (Distant, 1917) **comb. nov.**, *Macrosemia assamensis* (Distant, 1905) **comb. nov.**, *Macrosemia diana* (Distant, 1905) **comb. nov.**, *Macrosemia saturata* (Walker, 1858) **comb. nov.** and *Macrosemia pieli* (Kato, 1938) **comb. nov.**; *Cryptotympana corvus* (Walker, 1850) is removed from the Vietnamese fauna because this record is thought to have been based on a misidentification. Taxonomic remarks and information on geographic distributions are also provided.

**Key words:** cicada, bibliography, Indo-China, fauna, distribution, synonym, new combination

### Introduction

Presented here is the first checklist of the cicada (Hemiptera, Auchenorrhyncha, Cicadidae) fauna of Vietnam. Records from “Tonkin”, “Cochin China”, “Annam” and “Indo-China” are included because these names are believed to refer to Vietnamese localities.

The synonymic lists for each species include only references that specifically mention the Vietnamese fauna, in addition to the original descriptions with the type localities (TL), which is listed as given in the original publication.

This checklist is mostly based on the literature, but photographs of a few specimens from The Natural History Museum (London) and Zoological Museum (University of Amsterdam, Amsterdam) were also used.

Nomenclature for family, subfamily and tribal classification largely follows that of Moulds (2005), but the opinion of Lee & Hayashi (2003a) is adopted for the tribe Cicadini (= Dundubiini by Lee & Hayashi (2003a)) recognizing four subtribes: Cicadina, Cosmopsaltriina, Dundubiina and Tosenina. The genera of these four subtribes of Cicadini have many common morphological attributes and are thought to be hardly separable at tribal level.

Morphological terminology follows that of Moulds (2005).

The first record of Vietnamese cicadid species was made by Distant (1889) followed by Distant (1904a, 1905e, f, 1906a, b, 1912a, c, 1913a, b, c, 1917a, b, 1919), Jacobi (1902, 1905), Schmidt (1918), Moulton