



## A new species of *Balera* Young and redescription of *Habralebrea gillettei* Young (Hemiptera, Cicadellidae, Typhlocybinae) from Viçosa, Minas Gerais State, Brazil

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### Abstract

*Balera fiuzai* **sp. nov.** is described based on male specimens obtained from light trap collections at Mata do Paraíso, Municipality of Viçosa, Minas Gerais State, Brazil. An identification key to the species of *Balera* is given. Additionally, *Habralebrea gillettei* Young is redescribed from the same locality. These specimens of *H. gillettei* differ somewhat from previously described specimens, but are considered intra-specific variations. Both genera, *Balera* Young and *Habralebrea* Young, are recorded from Minas Gerais State for the first time.

**Key words:** Alebrini, Atlantic Forest, diversity, identification key, leafhoppers, taxonomy

### Resumo

*Balera fiuzai* **sp. nov.** é descrita com base em machos obtidos a partir de coletas com armadilha luminosa, realizadas na Mata do Paraíso, município de Viçosa, Minas Gerais, Brasil. Uma chave de identificação para as espécies de *Balera* é apresentada. Adicionalmente, *Habralebrea gillettei* Young é redescrita da mesma localidade. Esses exemplares de *H. gillettei* apresentam diferenças morfológicas em relação às descrições anteriores, sendo consideradas aqui como variações intra-específicas. Os gêneros *Balera* Young e *Habralebrea* Young são, pela primeira vez, registrados para o Estado de Minas Gerais.

**Palavras-chave:** Alebrini, Mata Atlântica, diversidade, chave de identificação, cigarrinhas, taxonomia

### Introduction

The Neotropical genus *Balera* Young was described by Young (1952) based on type species *Dikraneura pellucida* Osborn. Young (1957a) transferred *Empoasca emarginata* Osborn to *Balera*. He later (Young 1957b) presented a revised diagnosis for the genus, described two new species, *B. caraguatae* and *B. pusilla*, and provided a key to species. Ruppel (1959) added *B. bracata*. Freytag (1992) described *B. myersi*, *B. obtusa*, *B. ecuadora*, *B. napoensis*, and *B. plagata*, redescribed *B. caraguatae*, and included them in a new identification key. Dworakowska (1994) described an additional species, *B. signata*. Thus, prior to the present study, *Balera* included eleven species, recorded from Trinidad and Tobago, Panama, Ecuador, Bolivia, Colombia, Venezuela, and Brazil. Only *B. caraguatae* Young is recorded from Brazil (Mato Grosso and Rondônia States) (Young 1957b; Zanol & Menezes 1982; Freytag 1992). In this work a new species of *Balera* is described from the Atlantic Forest of Southeastern Brazil (Minas Gerais State) and a key for identification of the twelve described species is included.

*Habralebrea gillettei* Young was described by Young (1957b) to accommodate two paratypes of *Alebra*