



Review of the genus *Truljalia* Gorochov (Orthoptera: Gryllidae; Podoscirtinae; Podoscirtini) from China

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Abstract

The genus *Truljalia* Gorochov from China is reviewed. A new species (China: Yunnan), *Truljalia multiprotubera* **sp. nov.** is described. *T. prolongata* Wang & Woo, 1992 is considered as a junior synonym of *T. meloda* Gorochov, 1992. *T. viminea* Gorochov, 2002 is recorded to China for the first time, but *T. hofmanni* (Saussure) is excluded from Chinese fauna. A distribution map of all *Truljalia* species is presented.

Key words: Orthoptera, Gryllidae, *Truljalia*, new species, new synonym, China

Introduction

The genus *Truljalia* was established by Gorochov (1985) for *Calyptotrypus citri* Bey-Bienko, 1956. Before this study, *Truljalia* comprised two species groups (Gorochov, 2002), including 14 species (subspecies) (Eades, Otte, Cigliano & Braun, 2011), which are mainly distributed in Southeast Asia. Group I deals with 11 species (subspecies) confined to north of 10°N (except *T. hofmanni* (Saussure, 1878)), Group II includes 3 species (subspecies) mostly equatorial in distribution to 5°N. In China, 7 species and subspecies of this genus are currently known, all of them belong to Group I and are mainly distributed in south China (Map 1).

Recently, during our study of *Truljalia* in the collection at Hebei University Museum (HBUM), we had opportunities to compare specimens with the type specimens deposited in the Zoological Institute, Russian Academy of Sciences, St. Petersburg, Russia (ZIAS) and Institute of Plant Protection, Chinese Academy of Agricultural Sciences, Beijing, China (CAAS). As a result, a new species was determined and described under the name of *Truljalia multiprotubera* **sp. nov.** (Group I). Besides, *T. prolongata* Wang & Woo, 1992 was found to be a junior synonym of *T. meloda* Gorochov, 1992. Moreover, *T. viminea* Gorochov, 2002 was recorded to China for the first time, but *T. hofmanni* (Saussure) was excluded from Chinese fauna. Based on the combined data of our examination and literature, a distribution map of all species in the world was made.

Terminology follows that of Ingrisich (1997, 2002).

Truljalia Gorochov, 1985

Truljalia Gorochov, 1985: 89; 2002[2001]: 323; Wang & Woo, 1992: 237; Yin & Liu, 1995: 110.

Type species. *Calyptotrypus citri* Bey-Bienko, 1956.

Generic diagnosis. Body medium sized, green when alive. Head rather small. Scapus wider than frontal rostrum. Pronotum flat, anterior margin distinctly narrower than posterior margin, lateral margins distinctly bordered. Male tegmina rather slender, over apex of abdomen. Tegmen usually present with 6 or 7 oblique veins; mirror well-developed, slightly longer than wide, with 1 dividing vein. Fore tibia strongly swollen at tympana; external tympana