



Some common and less known Phaneropterinae (Orthoptera: Tettigoniidae; Phaneropterinae) with the description of a new species from India

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Abstract

The present paper deals with the description of eleven katydids of the tettigoniid subfamily Phaneropterinae (Tettigoniidae). The katydids of more common occurrence in different parts of India include: *Phaneroptera gracilis* Burmeister, *Ducetia japonica* (Thunberg), *Himertula pallisignata* Ingrisch and Shishodia, *Isopsera pedunculata* Brunner von Wattenwyl, and *Trigonocorypha unicolor* Stål; while those lesser known are *Phaneroptera myllocerca* Ragge, *Himertula kinneari* (Uvarov), *Elimaea melanocantha* (Walker), *Elimaea carispina* (Ingrisch and Shishodia), and *Trigonocorypha angustata* Uvarov. Record of a new species of the genus *Ducetia*, named as *Ducetia serratus* sp. nov., is mentioned. The key diagnostic morphological characters have been supported with photographs and illustrations of the body parts: head, pronotum, stridulatory file and the genitalia (supra-anal plate and sub-genital plate). A key to identify the species of the reported katydids has been provided.

Key words: Tettigoniidae; Phaneropterinae, *Ducetia* new species, India