



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

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Table of contents

Abstract	301
Introduction	302
Material and methods	302
<i>Himertula</i> Uvarov, 1940	302
Key to the species of <i>Himertula</i> Uvarov, 1940 of India	302
<i>Himertula kinneari</i> (Uvarov, 1923)	303
<i>Himertula pallisignata</i> Ingrisch and Shishodia, 1998	303
<i>Isopsera</i> Brunner von Wattenwyl, 1878	303
<i>Isopsera pedunculata</i> Brunner von Wattenwyl, 1878	305
Key to the subgenera of <i>Elimaea</i> from India	305
Key to the species of <i>Elimaea</i> from India	307
<i>Elimaea</i> (<i>Neolimaea</i>) <i>melanocantha</i> (Walker, 1869)	307
<i>Elimaea</i> (<i>Orthelimaea</i>) <i>carispina</i> (Ingrisch and Shishodia, 1998)	307
<i>Phaneroptera</i> Serville, 1831	309
Key to the species of <i>Phaneroptera</i> Serville, 1831 from India	310
<i>Phaneroptera gracilis</i> Burmeister, 1838	310
<i>Phaneroptera myllocerca</i> Ragge, 1956	313
<i>Ducetia</i> Stål, 1874	313
Key to the species of <i>Ducetia</i>	316
<i>Ducetia serratus</i> sp. nov.	316
<i>Ducetia japonica</i> (Thunberg, 1815)	318
<i>Trigonocorypha</i> Stål, 1873	318
Key to the species of <i>Trigonocorypha</i> Stål, 1873	320
<i>Trigonocorypha unicolor</i> (Stål, 1787)	320
<i>Trigonocorypha angustata</i> Uvarov, 1922	322
Acknowledgments	323
Literature cited 23	

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