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## Study of Gryllacridinae (Orthoptera: Stenopelmatidae) from Thailand and adjacent countries: the genera *Ultragryllacris* gen. nov. and *Capnogryllacris*

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### Abstract

A new material on the genera *Ultragryllacris* gen. nov. and *Capnogryllacris* Karny, 1937 from Thailand, Laos and Cambodia is considered. Five new species and subspecies are described: *U. pulchra* sp. nov.; *U. p. alboclypeata* subsp. nov.; *C. thaica* sp. nov.; *C. sakaerat* sp. nov.; *C. phaeocephala cambodiensis* subsp. nov. *Capnogryllacris* s. l. is divided into two possible subgenera (*Capnogryllacris* s. str. and *Dictyogryllacris* Karny, 1937, stat. nov.) as a minimum; the former genera *Borneogryllacris* Karny, 1937, syn. nov., *Marthogryllacris* Karny, 1937, syn. nov. and *Erythrogryllacris* Karny, 1937, syn. nov. are treated as synonyms of the subgenus *Capnogryllacris*. Previously unknown female for *C. khmerica* Gorochov, 2003 is described; neotype for *C. martha* (Griffini, 1914), type species of *Marthogryllacris*, is designated; *C. erythrocephala* Gorochov, 2003, sp. ressur. and *C. e. borealis* Gorochov, 2003, stat. ressur. are restored from synonyms of *C. martha* and from species status, respectively.

**Key words:** Orthoptera, Stenopelmatidae, Gryllacridinae, taxonomy, new genus, new species, South-East Asia

### Introduction

The subfamily Gryllacridinae is widely distributed in tropical regions of the World, but it is especially diverse in tropical forests of South Asia. Taxonomy of this group in South Asia is not simple, as it is in need of generic and subgeneric revisions on the base of restudy of many morphological characters. The study of copulatory devices in these insects is very important, because the Gryllacridinae is an example of long and almost “chaotic” evolution with numerous convergences in the external structure. However, these most important sexual characters are insufficiently studied or studied only in some representatives. Moreover, the fauna of this group in Thailand and adjacent countries is little-known and contains numerous new taxa. Thus, its study must accompany by partial generic and subgeneric revisions and will request a rather long time; results of such work will be published in a series of papers.

This publication is the first paper in this series; it is prepared mainly on the base of a new material on the genera *Ultragryllacris* gen. nov. and *Capnogryllacris* Karny, 1937 from Thailand, Laos and Cambodia. This material is deposited in the following collections: Zoological Institute, Russian Academy of Sciences, St Petersburg (ZIN); Thailand Natural History Museum, Pathum Thani (THNHM).

### Taxonomy

#### Genus *Ultragryllacris* Gorochov et Dawwrueng, gen. nov.

Type species *Ultragryllacris pulchra* sp. nov.