



<http://dx.doi.org/10.11646/zootaxa.3914.3.7>

<http://zoobank.org/urn:lsid:zoobank.org:pub:13C0C294-503B-4F43-88AF-858ABB42AD65>

Revision of *Paraloxoblemmus* Karny (Orthoptera: Gryllidae; Gryllinae) with a new combination, *Paraloxoblemmus longifrons* (Chopard 1969), and lectotype designation for *Paraloxoblemmus loxoblemmoides* (Karny)

JENG-TZE YANG

Department of Entomology, National Chung-Hsing University, Taichung, 402 Taiwan. E-mail: jtyang@dragon.nchu.edu.tw

Abstract

The genus *Paraloxoblemmus* Karny has not been revised since 1907. In this paper, I present a lectotype designation and photographs of the type species, *Paraloxoblemmus loxoblemmoides* (Karny). In addition, a new combination *Paraloxoblemmus longifrons* (Chopard, 1969) is established. This species is transferred from *Loxoblemmus* Saussure based on the structure of the male genitalia of the holotype. *Loxoblemmus longifrons* Chopard is relegated as a subjective synonym.

Key words: revision, *Paraloxoblemmus*, new combination, lectotype designation

Introduction

Paraloxoblemmus was proposed in 1907 by Karny. It was treated as a monotypic of *P. loxoblemmoides* Karny, 1907. In that paper Karny (1907) transferred two species from *Loxoblemmus* as synonyms of *Pezoloxoblemmus lativertex* (Sauss.) and *P. obtusus* (Saussure). He also provided a key to subgenera of *Paraloxoblemmus*, *Pezoloxoblemmus* and *Loxoblemmus* (Karny, 1907). It was the only work to use *Loxoblemmus* as subgenus since Saussure (1877) erected the genus. There was no statement to indicate that *Paraloxoblemmus* and *Pezoloxoblemmus* were treated as subgenera in the same paper (Karny, 1907). Chopard (1951) published *Paraloxoblemmus angulifrons* and Randell (1964) mentioned the name in his paper about the morphology of male genitalia. Other than that, there has been not much mention of these genera in the literature. There is a little more detailed description of *Paraloxoblemmus angulifrons* in the fauna of Angola (Chopard, 1951). However, there is no single paper detailing the genera, *Paraloxoblemmus* and *Pezoloxoblemmus* until Chopard (1967) compiled his Orthoptera catalogue.

Loxoblemmus longifrons (Chopard, 1969) was virtually unknown and lacked description of the male genitalia. From the odd-look of the head, it seemed to be related to *Loxoblemmus* but the male genitalia are so different that it must either be *Paraloxoblemmus* or *Pezoloxoblemmus*. However, based upon the character of distinct concave frons, it should be transferred to *Paraloxoblemmus* Karny.

Material and methods

The lectotype of *Paraloxoblemmus loxoblemmoides* (Karny) is presented here. A species of *Loxoblemmus* is transferred as a new combination while the revision of *Loxoblemmus* proceeded. Holotypes are described and measured when possible. The illustration of the male genitalia is presented as the supplement for the further comparisons. Photographs of the holotype are provided as well.

The abbreviation of the museums where deposited the specimen of the materials for this study are listed as following:

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