



A new species and a key to known species of the genus *Atractomorpha* (Orthoptera, Acridoidea, Pyrgomorphidae) from China

XIANG-CHU YIN^{1,2,3*} & JIAN-PING SHI²

1. College of Life Science, Hebei University, Baoding 071002, China

2. Northwest Plateau Institute of Biology, Chinese Academy of Sciences, Xining 810008, China

3. College of Plant Protection, Shandong Agricultural University, Taian 271018, China

* Author for correspondence: e-mail: yxch34@yahoo.com or yxch@sdau.edu.cn

Abstract

A new species, *Atractomorpha taiwanensis* sp. n. from Taiwan, China, is described in this paper. The new species is similar to *A. micropenna* Zheng, 1992, but it differs from the latter by the following: lateral lobe of pronotum without membranous area near posterior margin; the tegmina strongly shortened, not reaching (in male) the midpoint of hind femur; and wings very small, not reaching the midpoint of tegmina. A key to all known species of the genus *Atractomorpha* from China is given. The type specimens are deposited in the Museum of Hebei University, China.

Key words: Orthoptera, Acridoidea, Pyrgomorphidae, Species, China.

Introduction

The genus *Atractomorpha* Saussure was erected in 1862 and the type species is *A. crenulata* (Fabricius, 1793) (= *Truxalis crenulata* Fabricius, 1793). Otte (1994) recorded 25 known species of the genus, among them 8 species distributed in China. Zheng (1993) recorded 13 species from China. Up to the present, the genus contains 30 species distributed in Africa, Australia and Asia, among them, 15 species from China, including 9 species named by Chinese entomologists during 1981–2000.

In the present paper, a new species is described from Taiwan, China. A key to 16 species of the genus *Atractomorpha* from China is presented.

The type specimens are deposited in the Museum of Hebei University, China (MHU).

Atractomorpha taiwanensis sp. nov. Figs. 1–5

Type materials. Holotype male, Taiwan: Pingtung Henchun, 22°00'N, 120°44'E, 28. Jan. 2002, Xiangchu Yin, H.T. Hong & Jianping Shi (MHU). Paratypes: 2 females, with same data as holotype (MHU).

Descriptions.

Male (Figs. 1, 3, 4). Body small, spindle-shaped. Head short-conical, shorter than pronotum, with a row of round tubercles behind the eyes. Vertex short, its length slightly longer than the width at the front of eyes, fastigial furrow present. Frons distinctly sloping backward, making acute angle with vertex. Frontal ridge lower, with narrow longitudinal sulcus entire. Eyes oval, longitudinal diameter about 1.5 times as long as minimum diameter. Antennae nearly ensiform, thick and short, 15 segmented, placed before lateral ocellus, not reaching