



A review of the subgenus *Diestrammena* (*Gymnaeta*) from China (Orthoptera: Rhaphidophoridae Aemodogryllinae)

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Abstract

Eight new species—*Diestrammena* (*Gymnaeta*) *gonggashanica* sp. n.; *D. (G.) fallax* sp. n.; *D. (G.) wuyishanica* sp. n.; *D. (G.) lata* sp. n.; *D. (G.) longilamina* sp. n.; *D. (G.) femorata* sp. n.; *D. (G.) indivisa* sp. n. and *D. (G.) roundata* sp. n.—are described. A key to species of the subgenus *Diestrammena* (*Gymnaeta*) from China is given.

Key words: Orthoptera, Aemodogryllinae, *Diestrammena*, new species, China

Introduction

Diestrammena (*Gymnaeta*) was proposed by Adelung in 1902. The type species is *Gymnaeta berezowskii* Adelung, 1902. *Diestrammena* (*Gymnaeta*) includes eighteen species belonging to the subgenera (Eades et al., 2009). Up to the present, sixteen species of *Diestrammena* (*Gymnaeta*) have been reported from China: *D. (G.) brevicauda* (Karny, 1933); *D. (G.) tianmushanensis* Liu et Zhang, 2001; *D. (G.) borutzkyi* Gorochov, 1994; *D. (G.) caverna* Jiao et al., 2008; *D. (G.) longicauda* (Karny, 1933); *D. (G.) berezowskii* (Adelung, 1902); *D. (G.) solida* Gorochov et al., 2006; *D. (G.) semicrenata* Gorochov et al., 2006; *D. (G.) crenata* Gorochov et al., 2006; *D. (G.) caudata* Gorochov et al., 2006; *D. (G.) ferecaeca* Gorochov et al., 2006; *D. (G.) omniocaeca* Gorochov et al., 2006; *D. (G.) chenhui* Rampini, Russo et Cobolli, 2008; *D. (G.) aspes* Rampini, Russo et Cobolli, 2008; *D. (G.) zorzini* Rampini et al., 2008; *D. (G.) latellai* Rampini et al., 2008.

In the present paper, eight new species—*D. (G.) gonggashanica* sp. n.; *D. (G.) fallax* sp. n.; *D. (G.) wuyishanica* sp. n.; *D. (G.) lata* sp. n.; *D. (G.) longilamina* sp. n.; *D. (G.) femorata* sp. n.; *D. (G.) indivisa* sp. n. and *D. (G.) roundata* sp. n.—are described. A key to species of the subgenus *Gymnaeta* is provided. To the present, twenty-four species of *Diestrammena* (*Gymnaeta*) have been described from China. All the type specimens are deposited in the Shanghai Entomology Museum, the Chinese Academy of Sciences, Shanghai, China.

Key to the species of *Diestrammena* (*Gymnaeta*)

- 1(28) Tarsus of hind legs with bristles beneath. (Fig. 1)
- 2(7) Super internal spur of hind tibiae equal to the metatarsus.
- 3(4) Color rather uniformly yellow-brown, dorsum and legs mottled with brown (length of body 19.0, pronotum 7.5, hind femora 28.0mm)..... *D. (G.) tonkinensis* (Chopard, 1929)
- 4(3) Color blackish brown mottled with pale blotches.