

Far Eastern Entomologist

Дальневосточный энтомолог

Journal published by Far East Branch
of the Russian Entomological Society
and Laboratory of Entomology,
Institute of Biology and Soil Science,
Vladivostok

Number 241: 1-4

ISSN 1026-051X

February 2012

A NEW SPECIES AND ONE NEWLY RECORDED SUBSPECIES OF THE GENUS *TRULJALIA* GOROCHOV, 1985 (ORTHOPTERA: GRYLLIDAE) FROM CHINA

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Truljalia elongata sp. n. is described and illustrated from Hainan Province, China. Holotype of the new species is deposited in the Museum of Hebei University, Baoding, China. *T. hibinonis amota* Gorochov, 2002 is newly recorded to China (Sichuan Province).

KEY WORDS: Gryllidae, *Truljalia*, new species, new record, China.

Хао-Юй Лю¹⁾, Фу-Мин Ши²⁾. Новый вид и новая находка одного подвида рода *Truljalia* Gorochov, 1985 (Orthoptera: Gryllidae) из Китая // Дальневосточный энтомолог. 2012. N 241. С. 1-4.

Из провинции Хайнань в Китае описывается *Truljalia elongata* sp. n. Голотип нового вида хранится в музее Хэбэйского университета (КНР). Подвид *T. hibinonis amota* Gorochov, 2002 впервые указывается для Китая (провинция Сычуань).

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INTRODUCTION

Before this study, *Truljalia* comprised two species groups, including 15 species and subspecies in the world, eight of which are currently known from China (Gorochov, 2002; Liu & Shi, 2011; Eades et al., 2011). During our more recent research on the genus *Truljalia* of China, one new species and one newly recorded subspecies from China are found. Holotype of the new species is deposited in the Museum of Hebei University, Baoding, China. Terminology follows that of Ingrisch (1997, 2002).

DESCRIPTION OF NEW SPECIES

Truljalia elongata Liu et Shi, sp. n.

Figs 1–6

MATERIAL. Holotype – ♂, **China:** Hainan Province, Changjiang, Bawangling, 30.V 2011 (leg. Zhao Le-Hong & Bai Jin-Rong).

DESCRIPTION. MALE: Body medium-sized; surface finely pubescent, head, pronotum and tegmina nearly glabrous. Head rather small, median ocellus medium-sized and not projecting; lateral ocelli rather small and obliquely projecting. Frontal rostrum about half as broad as scapus. Pronotum widened posteriorly, disc flattened, lateral margins angularly bent into paranota. Metanotal gland (Fig. 1) consisting of two grooves, the anterior groove narrower semicircular and concave at center, the posterior groove semicircular and convex at center, both grooves sparsely covered with short hairs. Tegmen with two long and three short oblique veins; mirror slightly longer than wide, lateral field with fifteen oblique subcostal veinlets. Fore tibia strongly swollen at tympana; internal tympanum with a slit-like opening on posterior side; external tympanum ovoid and free.

Supra anal plate divided in middle, each side with an obtuse projection and covered with short hairs (Fig. 2). Subgenital plate funnel-shaped, straight at posterior margin (Figs. 3). Phallus very long and slender (Figs. 4, 5, 6). Medial lobes of epiphallus oblong; lateral lobe of epiphallus lanceolate with hooked acute apex and lateral acute tooth. Epiphallic parameres distinctly longer than endophallus, cylindrical, slightly sinuate, with an acute lateral tooth behind middle of trunk; apex strongly recurved and obtuse. Epiphallus nearly membranous; endophallus membranous.

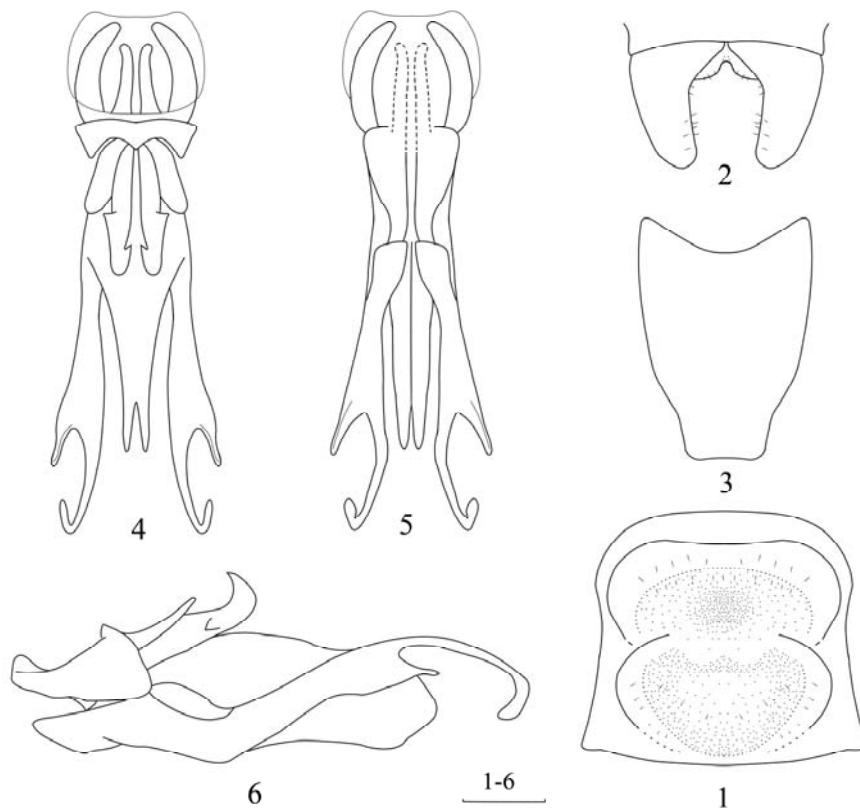
Coloration. Green when alive. Head with a median longitudinal light yellow stripe which bordered by black stripes behind eyes, a short transverse black marking on occiput, a small black spot behind each lateral ocellus. Antennae light brown, dark brown on ventral side. Lateral lobes of pronotum with a black stripe along anterior part of upper margin, behind it with small round black marking before posterior margin. Tegmen mixed brown with green on dorsal side; veins dark brown.

FEMALE. Unknown.

MEASUREMENTS. Length (in mm): body 21.0; body with wings 28.0; pronotum 3.0; tegmen 20.0; hind femur 11.5.

DIAGNOSIS. The new species resembles *T. versicolor* Ingrisch, 1997, but can be distinguished by the tegmen with two long and three short oblique veins; anterior groove of metanotal gland narrower semicircular, sparsely covered with very short hairs; phallus very long, epiphallic parameres with an acute lateral tooth (in *T. versicolor*, tegmina with three long and four short oblique veins; anterior groove of metanotal gland semicircular, densely covered with short hairs; phallus normal, epiphallic parameres each with an acute ventral tooth).

ETYMOLOGY. From Latin '*elongatus*' – long, referring to very long phallus.



Figs. 1-6. *Truljalia elongata* sp. n., ♂: 1 – metanotal gland, dorsal view; 2 – supra anal plate, dorsal view; 3 – subgenital plate, ventral view; 4-6 – phallus: 4 – dorsal view, 5 – ventral view, 6 – lateral view. Scale bar = 1 mm.

NEW RECORD TO CHINA

Truljalia hibinonis amota Gorochov, 2002

Truljalia hibinonis amota: Gorochov, 2002: 326.

MATERIAL. China: Sichuan Province, Hejiang, 10.VII 2009, 1♂ (leg. Ma Hong-Jin).

DISTRIBUTION. Vietnam, China (Sichuan).

REMARKS. The nominotypical subspecies, *T. hibinonis hibinonis* (Matsumura, 1919), is widely distributed in Japan and China (Liu & Shi, 2011). The subspecies *T. hibinonis amota* was described from Vietnam (Gorochov, 2002). The diagnostic characters of specimen from Sichuan are the same as in *T. hibinonis amota* including male phallus and supra anal plate. Herein this subspecies is firstly recorded from China.

ACKNOWLEDGEMENTS

We are appreciated to Dr. A.V. Gorochov (Russia) and Dr. S. Ingrisch (Germany) for presenting us the literatures, also to Dr. Shi Ai-Min (China) for the loan of Gryllidae material. This work was financially supported by the National Natural Foundation of China (No. 31071955, 31172135).

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