



Two new species of genus *Paratachycines* Storozhenko 1990 from China (Orthoptera: Rhaphidophoridae Aemodogryllinae)

FENG ZHANG¹ & XIAN-WEI LIU^{2,3} & WEN-XUAN BI²

¹Department of Biology, Shanghai Normal University, 100 Guilin Road, Building 1-323, Shanghai, 200234 P. R. China.
E-mail: billy000@126.com

²Shanghai Entomological Museum, Chinese Academy of Science, Shanghai, 200032, China. E-mail: liuxianwei2008@163.com

³Corresponding author

Paratachycines was proposed by Storozhenko in 1990 with the type species, *Paratachycines ussuriensis* Storozhenko, 1990. *Paratachycines* includes 15 species belonging to 4 subgenera (Eades et al, 2007): *Allotachycines*, *Hemitachycines*, *Orphanotettix* and *Paratachycines*. In the present paper, two new species *Paratachycines* (*Paratachycines*) *hebeiensis* sp. nov.; *Paratachycines* (*Hemitachycines*) *xiai* sp. nov. are described. The recently described *Paratachycines* (*Paratachycines*) *thailandensis* Gorochoy, 2002 maybe belong to the genus *Eutachycines* Storozhenko 1990. All specimens are deposited in the Shanghai Entomology Museum, the Chinese Academy of Sciences.

Paratachycines Storozhenko, 1990

Paratachycines Storozhenko, 1990. Ent. Obozr., 69 (4): 844; Otte, 2000: 55–56; Sugimoto & Ichikawa, 2003: 29.
Type species: *Paratachycines ussuriensis* Storozhenko, 1990

Key to subgenera known from China

- 1 Hind femora without spine beneath *Paratachycines*(*Paratachycines*) Storozhenko, 1990
- Hind femora beneath on the inside with 1–6 spines *Paratachycines*(*Hemitachycines*) Storozhenko, 1990

Paratachycines (*Paratachycines*) *hebeiensis* sp. n.

(Figs. 1–4)

Type material. Holotype ♂, Paratypes 6♀ ♀, Hebei (Xinglong Wulingshan), alt. 600m, 8–9. IX.2007, leg. Liu, Xian-Wei et al.

Diagnosis. Male. Head with fastigium of vertex divided into two conical tubercles. Legs long and slender; Fore femora about 2.0 times as long as the pronotum, beneath unarmed, the internal knee lobe without spine, external knee lobe with 1 long movable spur; fore tibiae beneath with 1 internal and 1 external spur, without median spine between the paired apical spurs. Mid femora with a spur on the internal and external knee lobe; mid tibiae beneath with 1 external and 1 internal spur, without median spine between the paired apical spurs. Hind femora unarmed beneath, hind tibiae above on the each side with 64–65 spines, which grouped in series, super internal spur of hind tibiae shorter than the metatarsus, tarsus with bristles beneath (fig.1). Male genitalia as figs. 2–3.

Female. Fore femora about 1.5 times as long as the pronotum. hind tibiae above on the each side with 51–56 spines, subgenital plate roundly triangular (Fig.4), ovipositor short, as long as the half of hind femora. Measurements (in mm): length of body 11.0–12.0, pronotum 4.0, fore femora 6.0–8.0, hind femora 12.0–14.0, ovipositor 6.0–8.0 mm

Coloration. Body yellowish brown to darkish brown, without evident markings, especially on legs.

Distribution. Known only from China (Hebei).