



## Review of the genus *Pteranabropsis* Gorochov (Orthoptera: Stenopelmatoidea: Anostostomatidae: Anabropsinae) from China

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### Abstract

A review of the genus *Pteranabropsis* Gorochov is presented. Five new species are described, namely *Pteranabropsis tenchongensis* Wang, Liu, Li sp. nov., *Pteranabropsis infuscatus* Wang, Liu, Li sp. nov., *Pteranabropsis karnyi* Wang, Liu, Li sp. nov., *Pteranabropsis parallelus* Wang, Liu, Li sp. nov. and *Pteranabropsis tibenensis* Wang, Liu, Li sp. nov.. A key to the species of *Pteranabropsis* is provided.

**Key words:** Orthoptera, Anabropsinae, *Pteranabropsis*, new species, China

### Introduction

The genus *Pteranabropsis* was established by Gorochov (1988) with the type species *Anabropsis carli* Griffin, 1911 from Vietnam. Johns (1997) regarded *Pteranabropsis* Gorochov, 1988 as a synonym of *Paterdecolyus* Griffini, 1913. Gorochov (1998) described 1 new species *P. carnarius* from Vietnam.

We don't agree with *Pteranabropsis* Gorochov, 1988 as a synonym of *Paterdecolyus* Griffini, 1913. *Pteranabropsis* is different from *Paterdecolyus* by having the pronotum "shouldered", and being fully winged and with longer cerci. Up to the present, *Pteranabropsis* included 2 species. In the paper we report 5 new species *Pteranabropsis tenchongensis* Wang, Liu, Li sp. nov. and *Pteranabropsis karnyi* Wang, Liu, Li sp. nov. from Yunnan, *Pteranabropsis infuscatus* Wang, Liu, Li sp. nov. from Chongqing, *Pteranabropsis parallela* sp. nov. from Zhejiang, *Pteranabropsis tibetensis* Wang, Liu, Li sp. nov. from Xizang. The type specimens are deposited in the Shanghai Entomological Museum, Chinese Academy of Sciences.

### *Pteranabropsis* Gorochov, 1988

*Pteranabropsis* Gorochov, 1988. *Zool. Zhurnal*, 67(3): 358.

**Type species:** *Anabropsis carli* Griffini, 1911.

**Generic diagnosis.** Body size large. Fastigium of vertex narrow, slightly wider than half the width of the 1<sup>st</sup> antennal segment, with a distinct dorsal longitudinal furrow. Occiput with a weak longitudinal carina. Pronotum "shouldered" (posterior area of disc flattened and its lateral margins angularly bent into the lateral lobe). Pronotum bispinose. Meso- and Metasterna lobate. Both wings developed. Paraproct of male specialized. Cerci longer, at least two times length of subgenital plate. Subgenital plate with styli. Ovipositor developed, saber shaped.



**FIGURE E.** *Pteranabropsis tibetensis* sp. nov. Male. Holotype. Hanmi, Xizang. Lateral view.

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