

## ***Denopelopia* Roback & Rutter from China with emendation of the generic diagnosis (Diptera: Chironomidae: Tanypodinae)**

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### **Abstract**

The genus *Denopelopia* is recorded from the Oriental and Palaearctic regions for the first time. *Denopelopia diaoluonica* sp. n., *D. bractea* sp. n., and *D. viridula* sp. n. are described from male imagines. A key to all known males of the genus worldwide is presented, and the generic diagnosis is emended.

**Key words:** Chironomidae, Tanypodinae, *Denopelopia*, new species, key, China

### **Introduction**

The Pentaneurini genus *Denopelopia* was erected by Roback & Rutter in 1988. The type species is *Denopelopia atria* Roback & Rutter. The adult males are distinguished by the following combination of characters: membrane with macrotrichia; costa not produced beyond  $R_{4+5}$ , ending almost mid way between  $M_{1+2}$  and  $M_{3+4}$ ; base of  $R_{2+3}$  present,  $R_2$  missing,  $R_3$  fading distally; RM slightly beyond MCu; FCu before MCu; scutal tubercle absent; inner spur on Ti II and III with elongate apical tooth, outer spur on mid and hind leg half as long as inner spur and semi-lyrate; tibial comb of about 7 clear bristles on hind leg; claw slender, distally pointed and smooth on the basal ventral half; pulvilli absent; gonocoxite cylindrical, 2.5 times as long as broad, mid third of inner border with inwardly directed setae; gonostylus slender, about two-thirds as long as gonocoxite; inferior volsella absent; phallapodeme indistinct; and tergite IX with a row of 8–10 setae.

Previously, only one species, *D. atria* from Florida (USA), has been recorded in the world. In this paper three new species are described based on specimens from China, and the generic diagnosis by Murray and Fittkau (1989) is emended.