

A review of the *hirticeps*-group of *Fannia* Robineau-Desvoidy (Diptera: Fanniidae), with the description of one new species from China

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Abstract

The *Fannia hirticeps*-group, an endemic Holarctic group, is reviewed to include *Fannia xuei* **sp. nov.** from China (Guizhou). The *F. hirticeps*-group is redefined and a key is given to the twelve known world species. *Fannia limbata* (Tiensuu) is transferred to this group, and new data on distributions are reported for the included species.

Key words: Diptera, Fanniidae, *Fannia*, *F. hirticeps*-group, new species, China

Introduction

The *Fannia hirticeps*-group was erected by Chillcott (1961) for two Holarctic, two Nearctic, four Palaearctic and one doubtfully-assigned species, namely *Fannia berolinensis* Hennig. Gregor and Rozkošný (1993) treated *F. berolinensis* as a junior synonym of *F. limbata* (Tiensuu), but *F. limbata* was assigned to the *F. lugubrina*-group as a doubtful species by Chillcott (1961). Based on Chillcott (1961), Rozkošný *et al.* (1997) added one species and listed eight European species of the *F. hirticeps*-group.

Since Chillcott (1961), there have been few reviews of the species-groups of the genus *Fannia*. Valuable references dealing with species-groups are Pont (1977a) and Rozkošný *et al.* (1997). Recently, some groups have been revised or reviewed by Wang *et al.* (2004, 2006, in press a, b). Here, we continue this series of reviews on the species-groups of *Fannia*.

Having checked a series of specimens of the *F. hirticeps*-group in the Institute of Entomology, Shenyang Normal University, China, we found one further undescribed