



***Flavizona* Huo, a new genus of Syrphini from China, with a key to genera of Syrphini in China¹**

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Abstract

In the present paper a new genus of Syrphini from China is described: *Flavizona* Huo, **gen. nov.** The type species is designated as *Flavizona dolichostigma* Huo, **sp. nov.** The new genus is similar in appearance to *Leucozona* Schiner, 1860, but can easily be distinguished from the latter by indistinct facial medial tubercle, wing without dark brown medial maculae and elongate oval abdomen without premarginal sulcus. A key to genera of Syrphini in China is provided.

Key word: Syrphidae, Syrphini, *Flavizona*, **gen. nov.**, China

Introduction

In Syrphidae the tribe Syrphini is a large group in which there have been about 46 genera recorded in the world (Hull, 1949, Vockeroth, 1969, Knutson, *et al.*, 1975, Peck, 1988, Thompson & Rotheray, 1998). So far there have been 26 genera known to China (Xue & Zhao, 1998, Huo, *et al.*, 2005, Huo, *et al.*, 2007).

Most recently, Huo *et al.* described genus *Lamellidorsum* from China (Huo, *et al.*, 2005). In the present paper *Flavizona* Huo, **gen. nov.** is described from China. The type species is designated as *Flavizona dolichostigma* Huo, **sp. nov.** The type specimens are deposited in the Museum of Animal and Botany, Shaanxi University of Technology (BKLSUT). The detailed descriptions and characteristic figures are provided with a key to genera of Syrphini from China.

The terminology mainly follows Thompson (1999).

Key to genera of Syrphini in China

1. Anterior anepisternum with long, fine, erect or suberect pile at least posterodorsally..... 2
- Anterior anepisternum with only microscopic pubescence 4
2. Extreme posterior margin of wing with a series of minute, discrete, closely spaced, black sclerotized dots 3
- Posterior margin of wing without these dots; metacoxa with a pile tuft at posteromedial apical angle, metasternum bare..... *Parasyrphus*
Note: There are 5 species of *Parasyrphus* in China (Li & Li, 1990; Xue & Zhao, 1998; Huo, *et al.*, 2007).
3. Metasternum pilose; metaepisternum with a fine pile tuft ventral to posterior spiracle..... *Episyrphus*
Note: There are 9 species of *Episyrphus* in China (He & Chu, 1992a; Xue & Zhao, 1998; Huo, *et al.*, 2007).
- Metasternum bare; metaepisternum without such pile ventral to posterior spiracle *Meliscaeva*
Note: There are 6 species of *Meliscaeva* in China (Xue & Zhao, 1998; Huo, *et al.*, 2007).
4. Wing with distinct transverse brown fascia in medial portion extending from vein costa at least across vein dm-cu 5
- Wing without transverse dark fascia, unmarked except for stigma darkening or rarely with costal region longitudi-

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