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## Key to Chinese species of the leafhopper genus *Drabescus* (Hemiptera: Cicadellidae: Deltocephalinae) with description of a new species

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### Abstract

A new species, *Drabescus quadrispinosus* sp. nov., is described and illustrated. A checklist to the Chinese species of *Drabescus* is given and a key provided for identification of males. Specimens tentatively identified as *D. ineffectus* (Walker) from China are discussed and figured.

**Key words:** Homoptera, Auchenorrhyncha, morphology, taxonomy, new species, checklist

### Introduction

The arboreal leafhopper genus *Drabescus* Stål is found throughout Asia and the western Pacific and two species (*D. natalensis* Stål, the type species and *D. zhangi* Zahniser & Dietrich 2013) are found in Africa. The genus together with *Rengatella* Zhang & Webb belongs in the subtribe Drabescina of the tribe Drabescini Ishihara (Deltocephalinae). Members of the subtribe are distinguished by their generally robust wedge-shaped appearance (Figs 1A, 2A) with the fore margin of the head frequently yellow bordered with brown, the antennal ledges strong (Fig. 2B) and the fore tibiae are flattened dorsally and sometimes expanded, particularly in the nymph. Also in the nymph the head is extended anteriorly and the pygofer has a pair of posterior flaps (see Fig. 543, Zhang & Webb, 1996), characters which, together with long antennae, are also found in the subtribe Paraboloponina of the same tribe (see Dmitriev, 2004). Since the previous review of *Drabescus* by Zhang & Webb (1996), which included 37 valid species, 14 new species have been described, seven from China (Zhang & Shang, 2003; Zhang *et al.*, 1997, Shang & Zhang, 2012 and Cai & Shen, 1999), five from New Guinea (Shang *et al.*, 2009), one from Japan (Kamitani *et al.*, 2006), and one from the Central African Republic (Zahniser & Dietrich, 2013). One other genus described from China (*Paradrabescus* Kuoh) was synonymised by Zhang & Webb (1996: 23) pending further studies on relationships between the very diverse assemblage of species. Of the 51 described valid species more than half are recorded from China (see Checklist). Here we describe an additional new species from China and give details of specimens tentatively identified as *D. ineffectus* (Walker) from China.

Type specimens of the new species are kept in The National Museum of Natural History, Washington, USA (NMNH), The Natural History Museum, London, U.K. (BMNH) and The Institute of Zoology, Chinese Academy of Sciences, Beijing, China (IOZ).

### Annotated checklist of *Drabescus* species from China

Note: All listed species were originally described from China except where indicated. For non-Chinese synonyms, see Knight & Webb (1996). Those species of uncertain identity, i.e., known only from a female type, type unavailable or type missing are indicated thus: \*. These species are not included in the key.

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