



Checklist of Dryinidae (Hymenoptera) from Guangdong Province, China, with descriptions of two new species

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Abstract

Five subfamilies, 11 genera and 77 species of Dryinidae are listed from Guangdong Province. Two new species, *Anteon pteromaculatum* Xu, Olmi, Guglielmino & Chen, **sp. nov.** and *Dryinus nanlingensis* Xu, Olmi, Guglielmino & Chen, **sp. nov.** are described from Nanling National Nature Reserve. New synonymies are proposed for *Dryinus indicus* (Kieffer, 1914) (= *Chlorodryinus koreanus* Móczár, 1983, **syn. nov.**; *Dryinus masneri* Olmi, 2009, **syn. nov.**), *Gonatopus nearcticus* (Fenton, 1927) (= *Acrodontochelys sinensis* Olmi, 1984, **syn. nov.**). Ten species, *Anteon atrum* Olmi, 1998, *A. silviculum* Olmi, 1984, *A. viraktamathi* Olmi, 1987, *Deinodryinus asiaticus* Olmi, 1984, *Dryinus krombeini* Ponomarenko, 1981, *Neodryinus sumatranus* Enderlein, 1907, *Gonatopus malesiae* (Olmi, 1984), *Gonatopus validus* (Olmi, 1984), *G. plebeius* (Perkins, 1912), and *G. asiaticus* (Olmi, 1984) are newly recorded from China. *Anteon nanlingense* Xu, Olmi & He, 2011 is newly recorded from Indonesia. Twenty-seven species are newly recorded from Guangdong Province. Ten species, including new ones, are known from Guangdong Province only.

Key words: *Anteon pteromaculatum*, *Dryinus nanlingensis*, taxonomy, catalogue

Introduction

Dryinidae (Hymenoptera: Chrysidoidea) are parasitoids of Hemiptera Auchenorrhyncha (Guglielmino & Olmi 1997, 2006, 2007). The species of Dryinidae inhabiting China were studied in the last years mainly by Olmi (1984, 1991, 1995, 1996), He & Xu (2002) and Xu *et al.* (2001, 2006a, 2006b, 2006c, 2007, 2008, 2009a, 2009b, 2009c, 2010a, 2010b, 2011a, 2011b, 2011c, 2012).

Guangdong Province is one of the most southern areas of China. Its dryinid fauna was studied mainly thanks to the work of the research group of one of the authors (Z. Xu). This effort resulted in the discovery of two new species described herein and many other species never quoted in Guangdong. These results gave the opportunity to present an updated checklist of the dryinids of Guangdong.

Material and methods

The descriptions follow the terminology used by He and Xu (2002) and Olmi (1984, 1994, 1999). The measurements reported are relative, except for the total length (head to abdominal tip, without the antennae), which is expressed in millimetres. In the descriptions POL is the distance between the inner edges of the lateral ocelli; OL is the distance between the inner edges of a lateral ocellus and the median ocellus; OOL is the distance from the outer edge of a lateral ocellus to the compound eye; OPL is the distance from the posterior edge of a lateral ocellus to the occipital carina; TL is the distance from the posterior edge of an eye to the occipital carina.