



## Correspondence

urn:lsid:zoobank.org:pub:E30A4BB0-A04E-4FD8-A1E0-5F30FBD44913

### The genus *Taphaeus* Wesmael, 1835 (Hymenoptera: Braconidae: Helconinae) from China with description of a new species

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#### Abstract

The genus *Taphaeus* Wesmael, 1835 (Hymenoptera: Braconidae: Helconinae) is reported for the first time from China. A new species of this genus, *Taphaeus pseudohiator* Yan, van Achterberg et Chen, sp. n., is described and illustrated. A key to the Palaearctic species of this genus is updated to include the new species.

**Keywords:** Hymenoptera, Braconidae, Helconinae, *Taphaeus*, new record, new species, China

#### Introduction

The genus *Taphaeus* Wesmael, 1835 comprises five extant species and one fossil species from Baltic amber, *T. praecox* Brues, 1923. Among the extant species, three species of this genus, i.e., *T. californicus* (Rohwer, 1917), *T. neoclyti* (Rohwer, 1917) and *T. rufoccephalus* (Telenga, 1950) occur in the U.S.A. (Rohwer, 1917; Shenefelt, 1970); two species, i.e., *T. hiator* (Thunberg, 1824) and *T. rufoccephalus* (Telenga, 1950) occur in the Palaearctic Region; and one species, *T. robiginosus* Papp, 2003, occurs in the Australian Region. As far as is known *Taphaeus* are koinobiont endoparasitoids of coleopterous and lepidopterous larvae (Clausen, 1954; Tobias, 1986).

During our study of the Chinese braconids, we discovered this genus in China for the first time. Consequently, a new species, *T. pseudohiator* sp. n., is described and illustrated, and a key to the Palaearctic species of the genus *Taphaeus* is updated.

#### Material and methods

The terminology and measurements used follow van Achterberg (1988, 1993). Additional sources for the description of sculpture and setation are Belokobylskij (1998). The following abbreviations are used: POL—postocellar line; OOL—ocular-ocellar line; OD—maximum diameter of lateral ocellus. Type and other specimens are deposited in the Parasitic Hymenoptera Collection of the Zhejiang University, Hangzhou, China (ZJUH).

Descriptions and measurements were made under a stereomicroscope (Zeiss Stemi SV 6). All figures were made with a Leica DFC425 Camera attached to a stereomicroscope (Leica M205 A, Germany) and Leica Application Suite version 3.60 software.

#### Taxonomy

##### *Taphaeus pseudohiator* Yan, van Achterberg et Chen, sp. n.

(Figures 1–9)