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A new name for *Hoplitis (Alcidamea) truncata* Wu, 1993 (Hymenoptera: Megachilidae)

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Abstract. *Hoplitis (Alcidamea) wuae* Sheffield, new name, is proposed to replace *Hoplitis (Liosmia) truncata* Wu, 1993, a name that has been preoccupied by *Hoplitis truncata* (Cresson, 1878) for over 100 years.

INTRODUCTION

As part of the development of a catalogue of the bees of Canada, attempts are being made to clarify the nomenclature and nomenclatural history of species occurring in the country, including all proposed synonyms and homonyms; this note addresses one of the latter.

Wu (1993) described *Hoplitis (Liosmia) truncata* Wu (Megachilinae: Osmiini) from two male specimens collected in China, though it was subsequently placed in the subgenus *Alcidamea* following the synonymy of *Osmia (Liosmia)* Thomson under *Hoplitis (Alcidamea)* proposed by Michener (2000: 449). More recently, Sedivy *et al.* (2013) synonymized an additional five subgenera under *Alcidamea*, making it the third most species-rich subgenus of *Hoplitis* Klug (83 species) after *Anthocopa* Lepeletier and Serville and *Hoplitis* s. str., each with 92 species currently considered valid (Ascher & Pickering, 2024). Wu's species remains rare, known only from the two male type specimens collected in 1982 (Wu, 1993, 2006). Discovery of the female and additional material may reveal that it is a junior synonym of another species of *Alcidamea* in that region; 11 species were recorded from China by Wu (2006), but only one of these was named after *H. truncata*. Currently 15 species are known from China (Ascher & Pickering, 2024). However, Wu's taxon name is preoccupied by *Hoplitis truncata* (Cresson, 1878), a Nearctic species described by Cresson (1878) as *Alcidamea truncata* over 115 years ago. Wu's species was still listed as a valid taxon by Wu (2006) and

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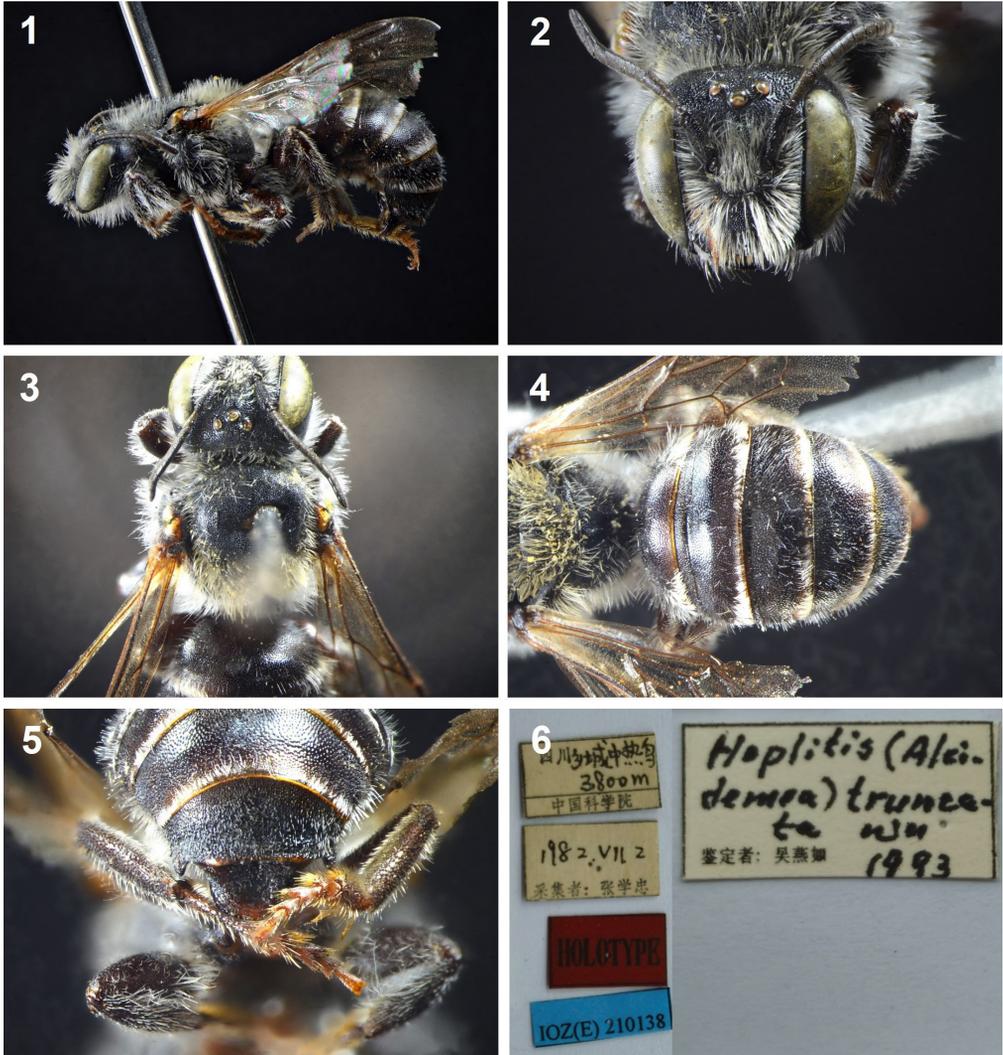
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Ungricht *et al.* (2008), and remains so to the present (*i.e.*, Müller, 2024) despite the recognition of the Nearctic taxon in a global phylogeny (Sedivy *et al.*, 2013). A new name is proposed here to remedy the junior homonym of the Nearctic species.

SYSTEMATICS

Hoplitis (Alcidamea) wuae Sheffield, new name

ZooBank: urn:lsid:zoobank.org:act:749F08D4-1849-4748-8CA7-41781FE66EF1
(Figs. 1–6)



Figures 1–6. Holotype male of *Hoplitis truncata* Wu, 1993. 1. Lateral habitus. 2. Facial habitus. 3. Dorsal view of head and mesosoma. 4. Dorsal view of metasoma. 5. Posterior view of metasoma. 6. Associated specimen labels. Images by Nui Ze-qing, Institute of Zoology, Chinese Academy of Sciences, Beijing.

Hoplitis (Liosmia) truncata Wu, 1993: 1393, 1419 [♂]. Preoccupied, not *Hoplitis truncata* (Cresson, 1878). Holotype: ♂. CHINA, Sichuan: Xiangcheng, 3800 m, 2.VII.1982 [Institute of Zoology, Chinese Academy of Sciences, IOZ(E) no. 210138].

ETYMOLOGY: The new species name honours Yan-Ru Wu, the author of the preoccupied name, for her major contributions to bee systematics.

COMMENTS. Wu (2006: 99) and Niu *et al.* (2018) indicated 1992 as the year of authorship, but the species was named and described in Volume 2, which is dated 1993 on the front plate, though “Dec., 1992” appears on the chapter heading. To be consistent with the front plate for Volume 2, 1993 is used here.

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