

Notes on the genus *Allotrichosiphum* (Hemiptera: Aphididae: Greenideinae), with the description of one new species from Hong Kong, China

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Abstract

The aphid genus *Allotrichosiphum* is reviewed here. *Allotrichosiphum cyclobalanopsidis* sp. nov. from *Cyclobalanopsis neglecta* in Hong Kong, China is described. Keys to the species of *Allotrichosiphum* worldwide are provided. The type specimens studied are deposited in the Natural History Museum, London, U.K.

Key words: *Allotrichosiphum*, Greenideinae, new species, China (Hong Kong)

Introduction

The aphid genus, *Allotrichosiphum* was erected by Takahashi in 1962 for the type species, *Trichosiphum kashicola* Kurisaki, 1920, collected on *Quercus glauca* and *Q. acuta* in Japan. Within the classification of the Aphidoidea, *Allotrichosiphum* is a member of the subfamily Greenideinae, within the family Aphididae (Remaudière & Remaudière, 1997). Takahashi (1962) provided a key to the genera within the Greenideinae of Japan. Raychaudhuri *et al.* (1973) studied aphids from Eastern India and described a new species, *Allotrichosiphum assamense* on *Quercus dealbata* in Assam, India. Both species remain distributed only in Japan and India, respectively. Blackman and Eastop (1994) studied aphids on the world's trees, and included just these two species in the genus *Allotrichosiphum*, both on species of *Quercus*. A third species, *Allotrichosiphum castanopse* on *Castanopsis hicklii* was described from Guangxi Autonomous Region, China by Qiao (2000). Prior to the present study, the genus *Allotrichosiphum* has been represented by the three species *A. assamense*, *A. kashicola* and *A. castanopse*. A fourth species, from Hong Kong, is here described.