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A new species of *Poliaspoides* MacGillivray (Hemiptera, Diaspididae) on *Bambusa siamensis* (Poaceae) imported into Turkey

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Abstract

The adult female and first-instar nymph of a new species of armoured scale insect, *Poliaspoides bambusae* sp.n. (Diaspididae), is described and illustrated. The new species was collected in Turkey on imported ornamental *Bambusa siamensis* (Poaceae) from an unknown source.

Key words: armoured scale insects, bamboo, Turkey, Asia

Introduction

The scale insect fauna of bamboos is very rich. More than 150 species belonging to several families (Pseudococcidae, Coccidae, Aclerididae, Eriococcidae, Asterolecaniidae and Diaspididae) are known on bamboos in Asia (Wang *et al.*, 1998), with 127 species attacking bamboos in China alone (Fang *et al.*, 2001). Several new species of scale insects on bamboos have been described recently (Pellizzari & Danzig, 2007; Aono, 2009; Takagi, 2009; Takagi & Martin, 2010; Wu, 2010; Wu & Lu, 2012) and many more may await discovery. The increasing world-wide trade of ornamental bamboos has led to the accidental introduction and spread of bamboo scales to new areas. As a consequence, scale insects on bamboos are recorded far from their countries of origin e.g. *Palmicultor lumpurensis* (Takahashi), *Chaetococcus bambusae* (Maskell), *Balanococcus kwoni* Pellizzari & Danzig, *Trionymus bambusae* (Green) (Pseudococcidae) (Williams, 2003; Hodges & Hodges, 2004; Pellizzari & Danzig, 2007; Jansen, 2009; Malumphy & Badmin, 2012).

On February 15, 2011, an apparently new diaspidid species was collected on ornamental plants of *Bambusa siamensis* (Poaceae) growing indoors in a shopping centre at Ankara (Turkey) which had been imported to western Asia from an unknown source in eastern or southern Asia. The scales were concealed under the leaf sheaths of the host plant.

The adult female and first-instar nymph of the new species are described and illustrated.

Material and methods

Specimens were mounted according to the procedures of Kosztarab and Kozár (1988). Measurements and frequencies are given as a mean, followed by the ranges in parentheses. Terminology follows that of Takagi (1995). Specimen depositories: holotype and paratypes in the Scale Insect Collection of the Plant Protection Department, Faculty of Agriculture, Ankara University, Ankara, Turkey (AUAT); one paratype in the collection of the British Museum of Natural History, London, UK (BMNH).