

## A new species of *Vittacus* Keifer (Acari: Eriophyidae: Phyllocoptinae) from Qinling Area, Shaanxi Province, China

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### Abstract

A new species of eriophyid mite from China, *Vittacus humuli* sp. nov. (Phyllocoptinae: Anthocoptini) collected from Japan Hop, *Humulus scandens*, is described and illustrated. This new species is vagrant on leaves. A key to world species of the genus *Vittacus* is provided.

**Key words:** New species, Eriophyidae, Phyllocoptinae, *Vittacus*, China

### Introduction

The genus *Vittacus* was established by Keifer (Keifer, 1969) based on the type species of *Vittacus mansoni* Keifer, 1969 and characterised as: body fusiform; gnathosoma projecting obliquely down; dorsal opisthosoma flat with transverse thickened bands; opisthosoma typically divided into broad dorsal annuli, and narrow, microtuberculate ventral annuli; all coxal setae present; legs with usual series of setae. Up to now, the genus holds only four species: *Vittacus mansoni* Keifer on *Urtica ferox* Forsr. from New Zealand, *Vittacus plucheae* Abou-Awad & Nasr on *Pluchea dioscoridis* L. from Egypt, *Vittacus bougainvilleae* Abou-Awad & El-Banhawy on *Bougainvillea glabra* var. *sandeina* Host. from Kenya and *Vittacus fissistigmae* Wei & Kuang on *Fissistigma oldhamii* (Hemsl.) Merr. from China (Keifer, 1969; Abou-Awad & Nasr, 1986; Abou-Awad & El-Banhawy, 1991; Wei & Kuang, 1997).

The morphological terminology used here follows the one by Amrine, Stasny & Flechtmann (2003). All measurements are in micrometers ( $\mu\text{m}$ ). All specimens were examined and drawn with a Leica DMR (Germany) microscope. Body length was measured from the tip of pedipalps to the end of the anal lobe. Width was measured from side to side just posterior to the lateral setae. The number of annuli was counted laterally from