

## The genus *Keilbachia* Mohrig (Diptera: Sciaridae) in a biodiversity hot spot: new sympatric species from Kambaiti, Burma

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### Abstract

Eight new, strictly sympatric species of the genus *Keilbachia* Mohrig, 1987, from Burma (Myanmar) are described and illustrated: *Keilbachia aculeata*, *K. apprima*, *K. arcuata*, *K. arrecta*, *K. demissa*, *K. mira*, *K. scutica*, and *K. tenuicula*. *Keilbachia flagrispina* Mohrig is redescribed on the basis of Burmese specimens. A key to all currently known species of *Keilbachia* is presented.

**Key words:** Sciaridae, *Keilbachia*, new species, Burma (Myanmar)

### Introduction

The genus *Keilbachia* was described as monotypic (*Keilbachia nepalensis* Mohrig, 1987) from Nepal (Mohrig & Martens 1987). Subsequently, seven species have been described from Nepal (Menzel & Martens 1995, Mohrig *et al.* 1999) and one from Papua-New Guinea (Mohrig 2004). Menzel & Mohrig (2000) transferred two Palaearctic species into *Keilbachia*, which tentatively had been included in the genus *Camptochaeta* by Hippa & Vilkamaa (1994): *Corynoptera sasakawai* Mohrig & Menzel, 1992 and *Camptochaeta ferrata* Hippa & Vilkamaa, 1994. The possible placement of these species in *Keilbachia* was discussed by Hippa & Vilkamaa (1994). Menzel & Mohrig (2000) also gave a detailed redescription of *Keilbachia* and divided the known species into two species groups.

In this paper, we describe eight new species collected in Burma (Myanmar) in 1934. We also relate them to the other known species of *Keilbachia* by providing a key to all