



## The genus *Manota* Williston (Diptera: Mycetophilidae) in Thailand, with the description of seven new species

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### Abstract

Seven new species of *Manota* Williston are described from Thailand: *M. bifida*, *M. dentata*, *M. forceps*, *M. inusitata*, *M. mirifica*, *M. occulta*, and *M. secreta*. Nine *Manota* species, which were recently described from West Malaysia, are here recorded as new for the fauna of Thailand: *M. heptacantha* Hippa, *M. oligochaeta* Hippa, *M. ovata* Hippa, *M. pectinata* Hippa, *M. perpusilla* Hippa, *M. plusiochaeta* Hippa, *M. procera* Hippa, *M. roslii* Hippa, and *M. ulu* Hippa. *M. biunculata* Hippa, which was recently described from New Guinea, is also recorded from Thailand. The number of the Oriental species of *Manota* now stands at 37.

**Key words:** Mycetophilidae, *Manota*, taxonomy, new species, Oriental region, Thailand

### Introduction

It has become clear in recent years that *Manota* Williston (type-species *M. defecta* Williston) is a very species-rich genus. While the number of described species was about 30 in Bechev's (2000) list, it is now about 100. The greatest increase in the number of species has been in the Australian region (Melanesia and Oceania) (14 species, Hippa 2007), Neotropical region (27 species, Jaschhof and Hippa 2005) and the Oriental region (29 species, Papp 2004, Hippa 2006). A few new species have also been described from the Afrotropical (Jaschhof and Mostovski 2006) and Palearctic (Ševčík 2002, Papp 2004) regions. Hippa et al. (2004) inferred the phylogenetic position of *Manota* within the Manotinae, but relationships among its constituent species, particularly at the global level, are largely unresolved.

In the Oriental region, the genus *Manota* was known for many years from only *M. orientalis* Senior-White (Senior-White 1922), which was described, and is only known, from Sri Lanka. The original description was based on the female, but Edwards (1928) described the hypopygium of a male from Sri Lanka. Edwards' (1928) interpretation of *M. orientalis* was followed by Hippa (2006, 2007). The above-mentioned recent additions to the Oriental fauna include two species from Taiwan (Papp 2004) and the 27 species from Peninsular Malaysia (Hippa 2006).

The aim of the present work is to report on 17 species of *Manota* found in recently collected material from Thailand (Papp & al. 2006) and to describe the seven new species that it contains.

### Material and methods

Specimens were selected from a large material of flies collected in 2004 in Thailand (see Papp et al. 2006). The specimens were mounted in the Hungarian Natural History Museum on 0.15 mm minuten pins through