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***Onychogomphus marijanmatoki*, a new species from Sarawak, Borneo (Odonata: Anisoptera: Gomphidae)**

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Abstract

Onychogomphus marijanmatoki is described from a male from Gunung Mulu National Park, Miri Division, Sarawak, Malaysian Borneo. One of only two onychogomphine species known from Borneo, it differs from all others of the group in characters of the genital ligula and terminal appendages.

Key words: Odonata, Anisoptera, Gomphidae, Onychogomphinae, *Onychogomphus marijanmatoki*, new species, Borneo, Malaysia, Sarawak

Introduction

Until recently there had been no record of the Onychogomphinae from Borneo (e.g. Orr 2003), a state of affairs that seemed hardly likely to reflect real absence, given the presence of the subfamily in the surrounding areas of Sundaland (see summary in Lieftinck 1954), the Palawan region of the Philippines (Müller & Hämäläinen 1993) and even Gomphidae-deficient Sulawesi (Martin 1909). It seemed that the hypothetical Bornean members of the subfamily must be particularly elusive insects. But after the publication of Orr (2003), Haruki Karube discovered a member of the Onychogomphinae in Sabah (Karube and Sasamoto in preparation). In 2010 I collected a single male of a second member of the Onychogomphinae in Sarawak, but being aware of Karube's discovery (Karube personal communication) I had hoped to wait until the species from Sabah was described before naming that from Sarawak. However, for reasons connected with funding for fieldwork, it has become necessary to name the species from Sarawak without further delay.

The species from Sarawak was collected at Gunung Mulu National Park whilst flying over a small, very shallow, riffle section of a stream in lowland rain forest at ca 10 A.M, in bright sunshine. It is named here as *Onychogomphus marijanmatoki*, although ultimately it is unlikely to remain in *Onychogomphus*. The holotype is shown in Fig. 1.

Terminology used below mostly follows Watson & O'Farrell (1991). The acronym RMNH is used below for the Naturalis Biodiversity Centre, Leiden, the Netherlands.

***Onychogomphus marijanmatoki* sp. nov.**

(Figs. 1–12)

Material. Holotype: ♂ (SAR09_10_GOM30), Malaysia, Sarawak, Miri Division, Gunung Mulu National Park, Sungai Melinau Paku, flying over shallow riffle, 7 v 2010, leg. R. A. Dow. To be deposited in RMNH (Leiden).

Etymology. *marijanmatoki*, a noun in the genitive case, named after Marijan Matok (born 28th March 1972) of Ulm-Söflingen, Germany, in appreciation of his support of odonatological research in Malaysia through the International Dragonfly Fund.

Description of holotype male. Head (Figs. 2–3): Labium mostly pale. Labrum mostly greyish-green becoming pale brownish cream laterally, narrow dark brown bands along free margin and adjacent to anteclypeus.

A number of genera have been erected within the Asian Onychogomphinae over the decades, but many of these have not been accepted by all authors. I prefer to follow the same conservative course as Müller & Hämäläinen (1993) and place the new species in *Onychogomphus* pending a thorough revision of the entire subfamily.

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