



## ***Rhinocylapoides brachypterus*, a new cylapine genus and species from Malaysia (Hemiptera: Heteroptera: Miridae)**

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### **Abstract**

*Rhinocylapoides brachypterus* **gen. et sp. nov.** is described from Malaysia. Illustrations of the male genitalia, color photographs of the adult, and a habitat photograph of specimens of the new genus are provided.

**Key words:** Heteroptera, Miridae, Cylapinae, *Rhinocylapus* genus group, new genus, new species, Oriental Region, Malaysia, Malay Peninsula

### **Introduction**

The taxa belonging to the tribe Rhinomirini Gorczyca, 2000 have received considerable attention in recent years, having been revised by Gorczyca & Chérot (1998) and Wolski (2010), who revised the genus complexes of the tribe—the *Rhinomiris*- and *Rhinocylapus*-groups; and Gorczyca (2001, 2003) described two new genera, *Pararhinomiris* Gorczyca and *Rhinomiriella* Gorczyca.

Twenty five species of the Rhinomirini have been so far reported from the Oriental Region, of which eight are known to occur in Malaysia; four of them have been hitherto known from the Malay Peninsula, namely *Rhinocylapus kmentii* Wolski, 2010, *Rh. scutatus* Hsiao, 1944, *Rh. vittatus* Hsiao, 1944, and *Rhinomiris consputus* (Stål, 1871) (Gorczyca 2006; Wolski 2010). Recently, within the material collected in Peninsular Malaysia (Pahang), we found specimens which possess most of the characters, which were used by Wolski (2010) for diagnosing the *Rhinocylapus* group. Our studies revealed that they represent a new genus and species. Herein, we describe this new taxon.

### **Material and methods**

Color photographs were taken using an ALTRA 20 digital camera. External structures and male genitalia were examined using an Olympus SZX12 stereomicroscope. Male genitalia were also observed using an Olympus BX50 optical microscope. Dissections of male genitalia were performed using the technique described by Kerzhner & Konstantinov (1999). Measurements were taken using a micrometer eyepiece. All measurements are given in millimeters. The terminology of the male genitalic structures follows Konstantinov (2003) and Cassis (2008).

### **Taxonomy**

#### ***Rhinocylapoides* gen. nov.**

**Type species.** *Rhinocylapoides brachypterus* **sp. nov.**, here designated.

**Diagnosis.** *Rhinocylapoides* gen. nov. can be distinguished from other genera of the *Rhinocylapus* group, as