



## Redescription of the monotypic genus *Volkeliopsis* Poppius (Hemiptera: Heteroptera: Miridae: Bryocorinae)

IZABELA SADOWSKA-WODA<sup>1</sup> & FRÉDÉRIC CHÉROT<sup>2</sup>

<sup>1</sup>Department of Biochemistry and Cell Biology, University of Rzeszow, Cegielniana 12, 35-310 Rzeszow, Poland.

E-mail: isadowska@poczta.fm

<sup>2</sup>Systematic and Animal Ecology, Department of Population Biology, Free University of Brussels, C.P. 160/13, av. F. D. Roosevelt, 50 B - 1050 Brussels, Belgium. E-mail: fcherot@ulb.ac.be

### Abstract

The monotypic genus *Volkeliopsis* POPPIUS and its type species *Volkeliopsis frontalis* are redescribed. The male genital structures are described for the first time.

**Key words:** taxonomy, Heteroptera, Miridae, Bryocorinae, *Volkeliopsis*, redescription, male genital structures

### Introduction

The genus *Volkeliopsis* was established by Poppius (1915) to accommodate his new species *Volkeliopsis frontalis*, collected in Luzon, the largest and northernmost island group in the Philippines. This genus belongs to the subtribe Odoniellina, tribe Dicyphini, subfamily Bryocorinae (Schuh, 1976, 2005). Since that time *V. frontalis* has been listed in only four works: Carvalho's keys to Miridae genera of the world (1952, 1955) and two catalogs (Carvalho 1957: 149 and Schuh, 1995: 533). So far, no other reports on the genus have been published. Consequently, until now, the male genital structures of *V. frontalis* remain unknown.

During her stay in the Zoological Museum, University of Helsinki, Finland (MZHF), the senior author found two male specimens of *Volkeliopsis frontalis*, including the holotype by monotypy. We provide here a redescription, including a first description of the male genital structures, of the genus and species on the basis of these two male specimens.

### Taxonomy

#### **VOLKELIOPSIS Poppius**

*Volkeliopsis* Poppius, 1915: 81–82 (as new genus)

*Volkeliopsis*: Carvalho, 1952: 60 (catalog)

*Volkeliopsis*: Carvalho, 1955: 41 (key)

*Volkeliopsis*: Carvalho, 1957: 149 (catalog)

*Volkeliopsis*: Schuh, 1995: 533 (catalog)

Type species: *Volkeliopsis frontalis* Poppius, 1915 (original designation)