

## Taxonomic studies on Palearctic and Oriental Eudorylini (Diptera: Pipunculidae), with the description of three new species

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### Abstract

Taxonomic evidence of 17 species of Eudorylini occurring in the extra-European part of the Palearctic and/or in the Oriental Region is presented. Among the material, three new taxa are described as new to science: *Claraeola perpaucisquamosa* Kehlmaier **spec. nov.** from China, *Dasydorylas gradus* Kehlmaier **spec. nov.** from Israel and *Eudorylas bipertitus* Kehlmaier **spec. nov.** from Israel. Lectotypes for *Pipunculus nitidifrons* Becker, 1900 and *Pipunculus oppletus* Collin, 1941 are designated. Two new synonymies are proposed [**syn. nov.**]: *Pipunculus confusoides* Lamb, 1922 as junior synonym of *P. nitidifrons* Becker, 1900 and *Claraeola koreana* Skevington, 2001 as junior synonym of *P. oppletus* Collin, 1941. Furthermore, the following new generic combinations are introduced (partly redescribed and figured) [**comb. nov.**]: *Claraeola colossus* (Hardy, 1972), *Claraeola conjuncta* (Collin, 1949), *Claraeola discors* (Hardy, 1966), *Claraeola koreana* (Kozánek & Kwon, 1991), *Claraeola oppleta* (Collin, 1941), *Claraeola palgongsana* (Kozánek, Suh & Kwon, 2003), *Claraeola robusta* (Kozánek, Suh & Kwon, 2003), *Clistoabdominalis nitidifrons* (Becker, 1900), *Clistoabdominalis sinaiensis* (De Meyer, 1995), *Clistoabdominalis subruralis* (Kozánek & Kwon, 1991), *Clistoabdominalis uniformis* (Brunetti, 1917), *Clistoabdominalis uzbekistanus* (Kozánek, 1988). A replacement name had to be selected for *Claraeola koreana* Skevington, 2001: 435 [Preocc. Kozánek & Kwon, 1991a]: *Claraeola paektusana* Kehlmaier, 2005 **nom. nov.**. Also, the male of *Eudorylas mongolorum* Kuznetsov, 1990 is redescribed and its genitalia figured, as are the male genitalia of *Claraeola adventitia* (Kertész, 1912).

**Key words:** Diptera, Pipunculidae, Eudorylini, spec. nov., comb. nov. syn. nov., nom. nov., Lectotypes, Palearctic, Oriental

### Introduction

Pipunculidae (big-headed flies) are an inconspicuous family of brachycerous Diptera. Together with their well-known sister group Syrphidae (hover or flower flies), they form