



Robber flies (Diptera: Asilidae) of South Korea. Parts VI–VIII. South Korean species of the Subfamilies Dasypogoninae, Dioctriinae and Trigonimiminae

CHARLES L. YOUNG^{1,3} & MILAN M. HRADSKÝ²

¹ Wonkwang University, College of Education, Dept. of Eng. Ed. 344-2 Shinyoung Dong, Iksan City, Chonbuk, South Korea. 570 – 749.
E-mail: wongangu@hotmail.com

² Mlékovice 40, 281 44 Zásmyky, Czech Republic. E-mail: YvetaOndrackova@seznam.cz

³ Corresponding author

Abstract

Seven species belonging to the subfamilies Dasypogoninae Macquart, Dioctriinae Enderlein, and Trigonimiminae Enderlein, are recorded from South Korea. New records include the subfamilies Dioctriinae and Trigonimiminae; the genera *Dioctria* Meigen, and *Damalis* Fabricius, and the species: *Dioctria aestivis* Esipenko, *Dioctria humeralis eoa* Lehr, *Dioctria keremza* Richter, *Dioctria vainsteini* Lehr, and *Damalis andron* Walker. Drawings of diagnostic features, a current check list of South Korean asilids, keys and descriptions are included.

Key words: Asilidae, Diptera, Dasypogoninae, Dioctriinae, Trigonimiminae, robber flies, South Korea

Introduction

This faunistic study, the sixth through eighth part of a projected ten part series, covers the three subfamilies of Dasypogoninae Macquart, Dioctriinae Enderlein, and Trigonimiminae Enderlein. The remaining subfamilies of Leptogastrinae Schiner and Ommatiinae Hardy have yet to be examined. Young (2005, 2006, 2007) and Young & Hradský (2007, 2008) have previously published on the subfamilies Stenopogoninae Hull, Asilinae Latreille, Laphriinae Macquart, Stichopogoninae Hardy, and the Apocleinae Papavero. The current comprehensive check list of South Korean asilids has been updated and reflects previous works.

Materials and methods

All of the asilids described were collected in South Korea using Malaise traps and conventional methods by the author, except where indicated. The Korean geographic names have been taken from the Atlas of Korea (Young et. al. 2000). Coordinates are based on the World Geodetic System 1984 (WGS 84). Terminology and nomenclature follows McAlpine (1981) and Geller-Grimm (2003, 2004). Specimens are deposited in the National Institute of Biological Research, Incheon, South Korea.

Checklist of South Korean Asilidae

Apocleinae

1. *Philodicus integer* (Macquart, 1846)