

Truong Xuan Lam



**STUDY ON REDUVIIDS OF SUBFAMILY HARPACTORINAE  
(HETEROPTERA: REDUVIIDAE) IN VIETNAM**



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SCIENCE AND TECHNICS  
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## PREFACE

This book was a study on systematics on the subfamily Harpactorinae (Heteroptera: Reduviidae) from Vietnam. The subfamily Harpactorinae consists of more than 300 genera and 2000 species in the world (Distant, 1904; Costa Lima et al., 1951; Miller, 1956; Hsiao & Ren, 1981; Putshkov & Putshkov, 1985, Maldonado-Capriles, 1990) and recently, some new genera and species acknowledged (Cai, 1995, Tomokuni & Cai, 2002, 2004). Before this study, 33 species in 24 genera of this subfamily Harpactorinae have been known in Vietnam (Stål, 1863, 1874; Beiddin, 1903; Distant, 1903, 1919; Miller, 1954; Tomokuni & Cai, 2002, 2004; Ishikawa & Tomokuni, 2004). In this book is presented with distributional, description, diagnosis of genus, of species, keys and taxonomic notes. Sixty-six species in 35 genera of the subfamily harpactorinae are recognized in Vietnam.

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This book is sure to have the error should be complementary and additional commentary in the future. I would like to receive feedback from my colleagues and readers

Thank you very much!

*16, February 2019*

**Truong Xuan Lam**

*Institute of Ecology and Biological Resources*

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## INTRODUCTION

Family Reduviidae are one of the larger, morphologically most diverse and more important families of the order Heteroptera. The character that will always distinguish them from other families is that the front of head is separated by transverse sulcus with may be wide and deep or narrow and not well defined. Family Reduviidae consists of 23 subfamilies, among them subfamily Harpactorinae (Stal, 1874) is the largest, and it's the most typical representative. The main diagnostic feature of subfamily Harpactorinae is postocular region of head usually cylindrical, sulcus between or behind eyes present and usually distinct, neck cylindrical and usually long; antennae long, first antennal segment strikingly elongate, rostrum usually curved; femora, particularly fore femur usually slightly constricted before and distal end; claws dentate or appendiculate; fore tibia usually with well developed apical spur; metathoracic scent glands reduced or absent; hemelytra well developed with quadrate cell or pentagonal cell at base of cubital cell, formed uniquely by anterior and posterior cross vein between Cu and Pcu; hind wing with submarginal Sc, postcubital sector relatively broad, Pcu slightly curved and well separated from first anal vein; ventral connexival suture usually poorly formed or absent; vermiform gland absent in females; subrectal gland often present, opening into membrane between styloids and anus; pseudospermathecae usually greatly reduced or absent .

Subfamily Harpactorinae are distributed worldwide, most dominantly in the tropics. In the world, this subfamily consists of more than 300 genera and 2000 species (Distant, 1904a, b; Costa Lima et al., 1951; Miller, 1956; Hsiao & Ren, 1981; Putshkov & Putshkov, 1985; Maldonado-Capriles, 1990) and more recently,

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