

A SYSTEMATIC STUDY ON PHILIPPINE
ROBBER FLIES (ASILIDAE)

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Presented to
the Faculty of the Graduate School
University of San Carlos

In Partial Fulfillment
of the Requirements for the Degree
Master of Science in Biology

by
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May 1985

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This thesis entitled A SYSTEMATIC STUDY ON PHILIPPINE ROBBER FLIES (ASILIDAE), prepared and submitted by Milagros M. Tumilap in partial fulfillment of the requirements for the degree of MASTER OF SCIENCE IN BIOLOGY has been examined and is recommended for acceptance and approval for ORAL EXAMINATION.

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ABSTRACT

The Asilidae of the Philippines are reviewed after the robber fly collection of the University of San Carlos has been studied. Of the 112 species under 29 genera and eight tribes previously recorded in the Philippines, 67 species belonging to 23 genera and eight tribes are represented in this study.

Philodicus palawanensis is described as new. One species for Luzon, 23 for the Visayas, seven for Mindanao, and two for Palawan are new records.

Obvious differences in the genitalic structures and wing venation observed in Philodicus palawanensis from P. integer disprove the conjecture of Oldroyd that there is only one species of Philodicus in the Philippines.

Philodicus integer and Choerades dimidiata are found to be commonly distributed in almost all collecting areas while Anoplothyrea sp., Clinepogon sp., and Clephydroneura sp. are rare. Xenomyza maculata, X. centuriones, and Heligmoneura sula are seemingly restricted in Palawan and its neighboring small islands.

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