

ZOOTAXA

1487

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(Hymenoptera: Mutillidae)
with descriptions of 45 new species**

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Magnolia Press
Auckland, New Zealand

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128 pp.; 30 cm.

31 May 2007

ISBN 978-1-86977-101-0 (paperback)

ISBN 978-1-86977-102-7 (Online edition)

FIRST PUBLISHED IN 2007 BY

Magnolia Press

P.O. Box 41-383

Auckland 1346

New Zealand

e-mail: zootaxa@mapress.com

<http://www.mapress.com/zootaxa/>

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ISSN 1175-5326 (Print edition)

ISSN 1175-5334 (Online edition)



Tropical and Subtropical Velvet Ants of the Genus *Dasymutilla* Ashmead (Hymenoptera: Mutillidae) with Descriptions of 45 New Species¹

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Table of Contents

Introduction	4
General Biology	5
Sex Associations in Mutillidae	6
Species-Level Characters	6
Characters Useful for Both Sexes	6
Characters Specific to Females	7
Characters Specific to Males	7
The Study	7
Materials and Methods	8
The Keys	9
Key to Neotropical <i>Dasymutilla</i> Females	9
Key to Neotropical <i>Dasymutilla</i> Males	16
Descriptions/Diagnoses of Species	21
Acknowledgments	106
Literature Cited	106

Abstract

This study nearly doubles the number of recognized species and subspecies of Neotropical *Dasymutilla* (from 76 to 139). We include descriptions of 45 new species (21 from the female only, 23 from the male only, and one from both sexes), descriptions of the previously unknown males of *D. pulchra* (Smith 1855) and *D. scaber* (Fox 1894), and six new synonymies. New species are: *D. argentea*, *D. atrata*, *D. baleysi*, *D. batui*, *D. bellatrix*, *D. bimaculata*, *D. boharti*, *D. brazilia*, *D. buenavista*, *D. campogrande*, *D. chalcocephala*, *D. chamela*, *D. chilcotti*, *D. chionothrix*, *D. cirrhomoris*, *D. citromaculosa*, *D. concordia*, *D. fimbriata*, *D. griswoldi*, *D. guanacaste*, *D. impressa*, *D. ionothorax*, *D. leve*, *D. loreto*, *D. mazatlanorum*, *D. mirabilis*, *D. mirapenis*, *D. modgudi*, *D. monstrosa*, *D. naranjo*, *D. niphopilis*, *D. nocticarum*, *D. parkerorum*, *D. rufipilis*, *D. sinaloa*, *D. sleipniri*, *D. spilota*, *D. spiniscapula*, *D. tomasi*, *D. truxali*, *D. twegeni*, *D. veracruz*, *D. wasbaueri*, *D. whartoni*, and *D. zoster*. New synonymies are: *D. fulgida* Mickel 1928 and *D. pallida* Mickel 1937 under *D. erythrina* (Say 1836); *D. atrifulva* Mickel 1928 under *D. nogalensis* Mickel 1928; *D. gaumeri* Mickel 1937 under *D. ocyrae* (Cameron 1895); *D. cobira* (Cameron 1895) under *D. proclea* (Cameron 1895); *D. ariadne* (Blake 1871) and *D. solola* (Blake 1871) under *D. toluca* (Blake 1871); and *D. bosquensis* Rohwer 1912, *D. columbiana* Mickel 1928, *D. errans* (Blake 1871), *D. sappho* (Fox 1899) and *D. texensis* Rohwer 1912 under *D. vesta* (Cresson 1865). We also provide the first taxonomic key for the species of Neotropical *Dasymutilla*.

Key words: Mutillidae, velvet ant, new species, Neotropical, key to species

1. Technical Contribution No. 5211 of the Clemson University Experiment Station.