

ZOOTAXA

1889

**The genus-group names of Mutillidae (Hymenoptera) and their
type species, with a new genus, new name,
new synonymies, new combinations and lectotypifications**

ARKADY S. LELEJ & DENIS J. BROTHERS



Magnolia Press
Auckland, New Zealand

Arkady S. Lelej & Denis J. Brothers

The genus-group names of Mutillidae (Hymenoptera) and their type species, with a new genus, new name, new synonymies, new combinations and lectotypifications

(*Zootaxa* 1889)

79 pp.; 30 cm.

1 Oct. 2008

ISBN 978-1-86977-281-9 (paperback)

ISBN 978-1-86977-282-6 (Online edition)

FIRST PUBLISHED IN 2008 BY

Magnolia Press

P.O. Box 41-383

Auckland 1346

New Zealand

e-mail: zootaxa@mapress.com

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

© 2008 Magnolia Press

All rights reserved.

No part of this publication may be reproduced, stored, transmitted or disseminated, in any form, or by any means, without prior written permission from the publisher, to whom all requests to reproduce copyright material should be directed in writing.

This authorization does not extend to any other kind of copying, by any means, in any form, and for any purpose other than private research use.

ISSN 1175-5326 (Print edition)

ISSN 1175-5334 (Online edition)



The genus-group names of Mutillidae (Hymenoptera) and their type species, with a new genus, new name, new synonymies, new combinations and lectotypifications

ARKADY S. LELEJ¹ & DENIS J. BROTHERS²

¹Institute of Biology and Soil Science, Far Eastern Branch of Russian Academy of Sciences, Vladivostok-22, 690022, Russia.

E-mail: lelej@biosoil.ru

²School of Biological and Conservation Sciences, University of KwaZulu-Natal (Pietermaritzburg), Private Bag X01, Scottsville, 3209 South Africa. E-mail: brothers@ukzn.ac.za

Table of contents

Abstract	3
Introduction	4
Material and methods	4
The list of names	5
Acknowledgements	66
References	67

Abstract

Information is provided for 346 genus-group names used in Mutillidae, including 53 unavailable names: eight *nomina nuda*, seven *lapsus calami*, 36 incorrect subsequent spellings and two not considered valid when proposed. Of the 293 available names, 238 are currently considered valid: 208 of these are generic and 30 are subgeneric, 161 are known from both sexes, 40 from males only and 30 from females only (for the other seven one sex is uncertainly associated); of the 55 invalid names, 12 are objectively invalid (eight junior homonyms, four junior objective synonyms), 42 are junior subjective synonyms and one is a *nomen dubium*. Gender, type species and kind of fixation, taxonomic history and status, sex association, and distribution data are given for each available name. The following new nomenclatural acts are included: *Wallacidia* Lelej & Brothers **gen. nov.** (type species *Mutilla oculata* Fabricius, 1804) is proposed for *Radoszkowskius* sensu Lelej, 1996, 2005; *Mutilla triguttata* Lelej & Brothers **nom. nov.** is proposed for *Mutilla africana* André, 1895 (not Gistel, 1848); *Peringueyella* Nonveiller & Četković, 1995 and *Peringueyotilla* Nonveiller & Četković, 1997 are synonymized with *Acanthomutilla* Nonveiller, 1995 **syn. nov.** which is raised to generic status; *Paralletilla* Pagliano, 2005 is synonymized with *Ronisia* Costa, 1858 **syn. nov.**; *Mutilla lobicornis* André, 1907 is synonymized with *Mutilla argenteopicta* Sichel & Radoszkowski, 1869 **syn. nov.**; *Pristomutilla curtispinosa* Bischoff, 1921 and *Lophotilla makalanga* Bischoff, 1920 are synonymized with *Lophotilla comparanda* Bischoff, 1920 **syn. nov.**; new combinations are proposed for *Apteromutilla aethra* (Péringuey, 1899), **comb. nov.** (from *Mutilla*), *Ceratotilla feminaeformis* (Bischoff, 1920), **comb. nov.** (from *Myrmilla*), *Ceratotilla inalata* (Bischoff, 1920), **comb. nov.** (from *Myrmilla*) and *Trogaspidia cooki* (André, 1895), **comb. nov.** (from *Mutilla* and *Timulla*). Lectotypes are designated and illustrated for *Ischioceras rugosa* Provancher, 1882 (female) and illustrated for *Mutilla simplicifascia* Sichel & Radoszkowski, 1869 (female).

Key words: Solitary wasps, velvet ants, sex association, distribution