



Zootaxa 2179: 1–72 (2009)
www.mapress.com/zootaxa/

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Monograph

ISSN 1175-5326 (print edition)

ZOOTAXA

ISSN 1175-5334 (online edition)

ZOOTAXA

2179

**Revision of *Toxomerus* Macquart, 1855 (Diptera: Syrphidae)
from Brazil with synonymic notes, identification key to
the species and description of three new species**

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Magnolia Press
Auckland, New Zealand

Accepted by D. Bickel: 16 Jun. 2009; published: 6 Aug. 2009

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(*Zootaxa* 2179)

72 pp.; 30 cm.

6 Aug. 2009

ISBN 78-1-86977-405-9 (paperback)

ISBN 978-1-86977-406-6 (Online edition)

FIRST PUBLISHED IN 2009 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)

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Abstract

Toxomerus Macquart (Diptera: Syrphidae) species from Brazil are revised, including the examination of most of the types. Thirty six species are confirmed. Twenty seven are synonymized: *T. dispar* (Fabricius, 1794) [= *T. vicinus* (Macquart, 1846), *T. tridentatus* (Rondani, 1868) *T. annulifer* (Bigot, 1884), *T. ruficaudatus* (Bigot 1884), & *T. triangulatus* (Hull, 1942)], *T. duplicatus* (Wiedemann, 1830) [= *T. vatius* (Walker, 1852), *T. gemini* (Hull, 1941), *T. arcturus* (Hull, 1943), *T. bipunctatus* (Hull, 1943)], *Syrphus basalis* Walker, 1837 [= *T. portius* (Walker, 1852), *T. rhea* (Hull, 1949), *T. harlequinus* (Hull, 1951)], *T. pictus* (Macquart, 1842) [= *T. jaguarinus* (Bigot, 1884), *T. maculatus* (Bigot, 1884), *T. pulchellus* (Macquart, 1846) [= *T. punctatus* Sack, 1921], *T. virgulatus* (Schiner, 1868) [= *T. confusus* (Schiner, 1868)], *T. laenas* (Walker, 1852) [= *T. barbulus* (Walker, 1852), *T. nitidiventris* (Curran, 1930), *T. vitreus* (Hull, 1941)], *T. norma* (Curran, 1930) [= *T. mulio* (Hull, 1941)], *T. productus* (Curran, 1930) [= *T. triradiatus* (Hull, 1942), *T. camilla* (Hull, 1951), *T. cyrillus* (Hull, 1951), *T. vanessa* (Hull, 1951)], *T. watsoni* (Curran, 1930) [= *T. lanei* (Hull, 1942)], *T. steatogaster* (Hull, 1941) [= *T. steatornis* (Hull, 1943)], *T. idalius* (Hull, 1951) [= *T. eurydice* (Hull, 1951)]. Two new combinations are presented: *Mesogramma apegiensis* Harbach, 1974 (= *Toxomerus apegiensis*) and *Syrphus basalis* Walker, 1837 (= *Toxomerus basalis*); six new records for Brazil are included: *T. difficilis* (Curran, 1930), *T. idalius* (Hull, 1951), *T. productus* (Curran, 1930), *T. purus* (Curran, 1930), *T. sylvaticus* (Hull, 1943) and *T. undecimpunctatus* (Enderlein, 1938). Three new species are described: *Toxomerus mosaicus*, *Toxomerus papaveroi* and *Toxomerus paraduplicatus*.

Key words: Syrphidae, *Toxomerus*, Brazil, taxonomy, new species, synonymies, key