

## Revision of some *Dexosarcophaga* species described by R. Dodge (Diptera: Sarcophagidae)

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### Abstract

Dodge published some important papers on the Neotropical fauna of Sarcophagidae and proposed a considerable number of new taxa, but many of his illustrations of male terminalia are poor in details and do not allow a reliable segregation of closely related species. In this work, five species of *Dexosarcophaga* Townsend, 1917 described by Dodge are revised: *D. itaqua* Dodge, 1966; *D. lopesi* Dodge, 1968; *D. varennana* (Dodge, 1968) and *D. currani* Dodge, 1968 are recognised as valid species, while *D. quecetuba* Dodge, 1966 is proposed as a junior synonym of *D. transita* Townsend, 1917, SYN.N. and *D. varennana* as a senior synonym of *D. dominicensis* Lopes, 1973, SYN.N.

**Key words:** Sarcophagidae, *Dexosarcophaga*, Dodge, types, taxonomy.

### Introduction

In the 1960s Dodge published some important contributions on Neotropical Sarcophagidae (Dodge 1963, 1965a,b, 1966, 1968), and he proposed a considerable number of new taxa. Although illustrations of the male terminalia were presented, the general lack of details do not allow a segregation of closely related species.

According to Pape (1996), *Dexosarcophaga* Townsend, 1917 comprises 42 Neotropical species, of which 13 were described by Dodge. Pape (*op. cit.*) synonymized *Farrimyia* Dodge, 1965, *Ectomyia* Dodge, 1968, and *Bezzisca* Lopes, 1974 under *Dexosarcophaga* and also provided some diagnostic characters for the genus. A more detailed definition of *Dexosarcophaga* was later proposed by Mello-Patiu & Pape (2000).

Lopes (1973a, 1974c, 1978, 1979) revised many of Dodge's species and proposed a number of synonyms. Mello (1996a,b) presented a revision of *D. ruthae* Dodge, 1965, *D. bidentata* Dodge, 1966, *D. ecitocola* Dodge, 1968 and *D. varia* Dodge, 1968. The purpose of the present paper is to revise five other nominal species of *Dexosarcophaga* proposed