

## Revision of *Sarcophaga dissimilis* Meigen, 1826 and *Sarcophaga chaetoneura* Brauer & Bergenstamm, 1889 (Diptera: Sarcophagidae)

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### Abstract

The two species covered by the concept of *Sarcophaga dissimilis* auctt. are revised and their male terminalia are illustrated. Lectotypes are designated for *Sarcophaga dissimilis* Meigen, 1826, *Sarcophaga offuscata* Meigen, 1826, and *Heteronychia chaetoneura* Brauer & Bergenstamm, 1889. *Pierretia nigricauda* Povolný & Slamečková, 1959, **syn. n.**, and *Heteronychia (Heteronychia) rohdendoriana* Mihályi, 1975, **syn. n.** are considered as junior synonyms of *Sarcophaga dissimilis* Meigen, 1826.

**Key words:** *Sarcophaga*, nomenclature, lectotype designation, taxonomy, synonymy, Palaearctic region

### Introduction

Ongoing studies on the French flesh fly fauna by the authors have revealed a pair of sibling species within the genus *Sarcophaga* Meigen, 1826 (subgenus *Heteronychia* Brauer & Bergenstamm, 1889), for which we found insufficient identification means and inconclusive nomenclature in the available literature. Both species have been identified or catalogued as *Sarcophaga dissimilis* Meigen, 1826 by several European workers (e.g., Böttcher 1912, 1913; Séguy 1941; Rohdendorf 1937; Verves 1986; Pape 1996), while most recently Povolný & Verves (1997) separated the species as *dissimilis* Meigen, 1826 and *rohdendoriana* Mihályi, 1975, yet still with vaguely defined differences and, as will be shown below, an incorrect nomenclature.