

## Three new species of anthracine bee flies (Diptera: Bombyliidae) from Egypt

MAGDI S. EL-HAWAGRY

Entomology Department, Faculty of Science, Cairo University, Egypt; (email: elhawagry@hotmail.com)

### Abstract

Three new anthracine species of Bombyliidae are described. Two of these species (*Anthrax galali* El-Hawagry, **sp. nov.** and *Anthrax zohrayensis* El-Hawagry, **sp. nov.**) were proposed by Efflatoun Bey in his unpublished manuscript in the genus *Anthrax* Scopoli (*sensu lato*). These species names are maintained but the descriptions are shortened and revised. A third species, not included in Efflatoun unpublished manuscript, *Spogostylum hamadnallahi* El-Hawagry, **sp. nov.**, is herein described and illustrated.

**Key words:** New species, *Anthrax*, *Spogostylum*, bee flies, Egypt

### Introduction

In 1945, the famed Egyptian dipterist, Efflatoun Bey, published a monumental study representing only the first half (Homeophthalmae) of his planned two-part monograph on the bee flies of Egypt. The second half (Tomophthalmae) lies written but unpublished because of his untimely death in 1957. Many new species were proposed and described in the unpublished manuscript, some of them were wrongly considered as new, and some others were described subsequently and named by other authors from countries other than Egypt. However, many of the remaining proposed new species are still valid.

In the present study, three new anthracine species are described. Two of these species were proposed by Efflatoun Bey in his manuscript in the genus *Anthrax* Scopoli (*sensu lato*), but their descriptions were lengthy with many unnecessary details. The names proposed by Efflatoun for these species (*Anthrax galali* and *Anthrax zohrayensis*) are maintained here, but the descriptions are shortened and revised.

A third species, *Spogostylum hamadnallahi* sp. nov., found amongst the collection of Efflatoun Bey, but not proposed as new by him, is herein named and described by the author.