

## **A sympatric species pair: *Spogostylum ocyale* (Wiedemann, 1828) and *S. griseipenne* Macquart, 1850 (Diptera: Bombyliidae)**

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### **Abstract**

Type specimens of *Spogostylum ocyale* (Wiedemann) and *S. griseipenne* (Macquart) were examined and found to be distinct species. Characters separating them are provided and they are shown to be largely sympatric. *Spogostylum umbra* (Walker) and *S. arugotense* Zaitzev are confirmed as synonyms of *S. ocyale* and some published misidentifications are corrected.

**Key words:** Diptera, Bombyliidae, *Spogostylum ocyale*, *Spogostylum griseipenne*

### **Introduction**

*Anthrax ocyale* Wiedemann, 1828 was described from specimens collected in Nubia and preserved in Berlin and his own collection. Austen (1937) identified it from Israel and Iraq and noted that it is very variable in the extent to which black hairs are present on the head and body and in the degree of infuscation of the wing and its intensity. Theodor (1983) found two forms with distinct differences in the shape of the aedeagus and of the spermatheca among specimens from Israel. Zaitzev (1997) described one of these forms as a new species without apparently examining type material of *S. ocyale* to determine which, if either, of the two species was *S. ocyale*. The present study was undertaken to clarify the identity of *S. ocyale*, the extent of variation between specimens and the correct name for the second species. The results were published, without explanation, in (Evenhuis & Greathead, 1999). Details of the material examined are now provided along with diagnoses to enable separation of the two species.