



## ***Acomopterella martinovskyi* sp. n., the first Palaearctic record of the genus *Acomopterella* Zaitzev (Diptera: Mycetophilidae)**

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### **Abstract**

A new species of Mycetophilidae (Diptera), *Acomopterella martinovskyi* sp. n., is described from the Czech Republic and Austria. This is the first record of the genus from the Palaearctic region. Its relationships with other genera and variation in wing characters are briefly discussed. A new combination and synonymy is proposed: *Acomopterella fallax* (Sherman, 1921) comb.n. = *Acomopterella arnaudi* Zaitzev, 1989 syn.n.

**Key words:** Sciaroidea, fungus gnats, new species, Austria, Czech Republic, Europe

### **Introduction**

The genus *Acomopterella* Zaitzev, 1989 was established for a single Nearctic species, *A. arnaudi*, described on the basis of three males collected in Alaska and Canada (Zaitzev 1989).

Studying unnamed fungus gnats in the Natural History Museum, London, and in the private collection of the late Czech dipterist J. Martinovský, we found an undescribed species, which may be assigned to this genus. The new species is described in this contribution and its systematic position is briefly discussed.

### **Material and methods**

The material of the new species was collected either by sweep-netting or by means of Malaise traps in mixed submontane and montane forests. A total of 11 males and 1 female have been examined. Most specimens are pinned with cleared terminalia placed in a microvial with glycerol, several specimens are in ethanol.

The specimens are deposited in the collections with following abbreviations: BMNH = Natural History Museum, London, Great Britain; CNC = Canadian National Collection, Ottawa, Canada; JŠ = Collection of Jan Ševčík; SMOC = Silesian Museum, Opava, Czech Republic.

The morphological terminology principally follows Sjøli (1997). The measurements were taken from the specimens stored in ethanol.

### **Systematic account**

#### ***Acomopterella martinovskyi* sp. n.**

**Type material. Holotype male:** CZECH REPUBLIC, Moravia & Silesia, Horní Lipová, Jesenný potok