



## New species of African Plume moths (Lepidoptera, Pterophoridae)

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### Abstract

This article describes four new Pterophoridae species from Africa (Zambia, Tanzania and the Republic of South African): *Platyptilia junkeri* Ustjuzhanin & Kovtunovich **sp. nov.**, *Pselnophorus huntii* Ustjuzhanin & Kovtunovich **sp. nov.**, *Pselnophorus tanzanicus* Ustjuzhanin & Kovtunovich **sp. nov.**, *Merrifieldia aurea* Ustjuzhanin & Kovtunovich **sp. nov.**

**Key words:** Pterophoridae, Africa, new species

### Introduction

The fauna of African Lepidoptera is still poorly known. In recent years dozens of species have been recognized by lepidopterists as new to science (Aarvik & Agassiz 2014; Bassi 2013; Yakovlev *et al.* 2013; Gielis 2011; Yakovlev & Murphy 2013; Ustjuzhanin & Kovtunovich 2010; Kovtunovich *et al.* 2014). Continuing our research on African Pterophoridae we studied the materials of G. Bassi (Italy), J. Lenz (Germany), in addition to specimens from our personal collections. As a result, we discovered four species of Pterophoridae new to science, which we described herein. Types are deposited in institutions and collections as noted in the material examined, with the abbreviations listed below.

### Abbreviations

BMNH Natural History Museum, UK, London.

DNMNH Ditsong National Museum of Natural History, RSA, Pretoria (formerly Transvaal Museum).

CUK Collection by P. Ustjuzhanin and V. Kovtunovich (Novosibirsk and Moscow, Russia).

***Platyptilia junkeri* Ustjuzhanin & Kovtunovich sp. nov.**

(Figs. 1–3)

**Type material:** **Holotype**, male, (BMNH 22735), N. Zambia, Mutinondo, 1390 m, Miombo, 02.01.2010, S 12°23' E 31°19', leg. J. Lenz. **Paratype**, 1 ♀, (BMNH 22736), 1 ♂, (CUK) same data as holotype.

**External characters.** Wingspan 15 mm. Head light grey, venter of frons significantly lighter. Thorax dark grey. Labial palpi thin, straight, length equal to eye diameter. Fore wings unicolored dark grey. Base of cleft with darker elongated spot, barely visible on wing background. Fringe inside cleft also dark grey. Hind wings dark grey, slightly lighter than fore wings. Anal fringe of third lobe with row of dark spatulate scales scattered between filiform scales. Legs dark grey.

**Male genitalia.** Valves symmetrical, of uniform width. Uncus narrow and long. Anellus branches short, broadened in basal part and narrowed in apical part, with no additional processes. Saccus with deep oval proximal