

## Correspondence

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**P. Ya. Ustjuzhanin<sup>1,\*</sup>, V. N. Kovtunovich<sup>2</sup>, A. K. Ustjuzhanina<sup>3</sup>. TO THE FAUNA OF PLUME MOTHS (LEPIDOPTERA: PTEROPHORIDAE) OF BHUTAN. – *Far Eastern Entomologist*. 2017. N 333: 13-16.**

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**Summary.** An annotated list of 17 species of the family Pterophoridae of Bhutan is given. Eight species of plume moths are firstly recorded from this country.

**Key words:** Lepidoptera, Pterophoridae, plume moths, fauna, new record, Bhutan, Asia.

**П. Я. Устюжанин, В. Н. Ковтунович, А. К. Устюжанина. К фауне пальцекрылок (Lepidoptera: Pterophoridae) Бутана // Дальневосточный энтомолог. 2017. N 333. С. 13-16.**

**Резюме.** Приведен аннотированный список 17 видов семейства Pterophoridae Бутана. Впервые для этой страны указываются 9 видов пальцекрылок.

## INTRODUCTION

The Kingdom of Bhutan is located between India and China on the southern slope of the Great Himalayan Ridge. The data on the plume moths (Lepidoptera: Pterophoridae) of Bhutan are still incomplete. Only eight species were known from this country (Arenberger, 1995, 2005; Li *et al.*, 2003).

This paper is based on material collected in 2009 by Viktor Siniaev in Bhutan mainly at altitude 2400–3900 m. The examined material is deposited in the private collection of Ustjuzhanin and Kovtunovich (CUK). The system of Pterophoridae follows Arenberger (1995, 2002, 2005). In some difficult cases we compared the examined material with the specimens of the Pterophoridae deposited in the Natural History Museum, UK, London (BMNH).

An annotated list of 17 species of plume moths of Bhutan is given below. The species recorded for the fauna of this country for the first time are marked with an asterisk (\*).

## AN ANNOTATED LIST OF PTEROPHORIDAE OF BHUTAN

### *Ochyrotica connexiva* (Walsingham, 1891)

DISTRIBUTION. India, Bhutan, Myanmar, Thailand.

NOTES. This species was recorded from Bhutan by Arenberger (1995).

**\**Platyptilia gandaki* Gielis, 1999**

MATERIAL EXAMINED. **Bhutan:** Mongar, Thebong, 27°17' N, 91°20' E, 2273 m, 19.VI 2009, 2 ♂, 3 ♀ (V. Siniayev); 5 km W Paro, 27°23' N, 89°23' E, 2824 m, 11.VII 2009, 1 ♂ (V. Siniayev).

DISTRIBUTION. Nepal, Bhutan.

***Platyptilia* sp.**

MATERIAL EXAMINED. **Bhutan:** Chillea Pass, 27°22' N, 89°21' E, 3595 m, 13-16.VII 2009, 1 ♂ (V. Siniayev).

NOTES. It will be possible to determine this species after examination of additional material.

***Stenoptilia caroli* Arenberger, 1988**

DISTRIBUTION. India, Nepal, Bhutan.

NOTES. This species was recorded from Bhutan by Arenberger (2005).

**\**Stenoptilodes taprobanes* (Felder et Rogenhofer, 1875)**

MATERIAL EXAMINED. **Bhutan:** Trongsa, 8 km E Chenberi, 27°27' N, 90°23' E, 2420 m, 4-6.VII 2009, 4 ex. (V. Siniayev); Pellele Pass, 27°33' N, 90°12' E, 3279 m, 17.VII 2009, 1 ♀ (V. Siniayev).

DISTRIBUTION. This species is widespread throughout tropical and subtropical regions.

**\**Amblyptilia fibigeri* Gielis, 1999**

MATERIAL EXAMINED. **Bhutan:** Bumthang, 27°31' N, 90°33' E, 2420 m, 7-9.VII 2009, 1 ♂, 1 ♀ (V. Siniayev).

DISTRIBUTION. Nepal, Bhutan.

**\**Amblyptilia skoui* Gielis, 1999**

MATERIAL EXAMINED. **Bhutan:** Mongar, Thebong, 27°17' N, 91°20' E, 2273 m, 19.VII 2009, 1 ♂, (V. Siniayev).

DISTRIBUTION. Nepal, Bhutan.

***Crombrugghia distans* (Zeller, 1847)**

DISTRIBUTION. North Africa, Canary Islands, Europe, Russia (European part and South Siberia), Caucasus, Asia Minor, Iran, Afghanistan, Central Asia, Kazakhstan, China, India, Bhutan.

NOTES. This species was recorded from Bhutan (Li *et al.*, 2003).

***Procopperia pelecyntes* (Meyrick, 1908)**

DISTRIBUTION. India, Sri Lanka, China, Nepal, Thailand, Japan.

NOTES. This species was recorded from Bhutan (Li *et al.*, 2003).

***Stenodacma pyrrhodes* (Meyrick, 1889)**

DISTRIBUTION. Pakistan, India, Sri Lanka, Nepal, Bhutan, Thailand, Vietnam, China, Taiwan, Korea, Japan, Australia.

NOTES. This species was recorded from Bhutan (Li *et al.*, 2003).

***Diacrotricha fasciola* Zeller, 1852**

DISTRIBUTION. India, Sri Lanka, China, Taiwan, Bhutan, Thailand, Indonesia, Malaysia, Philippines, New Guinea.

NOTES. This species was recorded from Bhutan (Li *et al.*, 2003).

**\**Gypsochares catharotes* (Meyrick, 1908)**

MATERIAL EXAMINED. **Bhutan:** Mongar, Thebong, 27°17' N, 91°20' E, 2273 m, 26.X 2009, 1 ♀ (V. Siniayev).

DISTRIBUTION. Pakistan, India, Nepal, Bhutan, Thailand, Republic of South Africa, Kenya.

**\**Hellinsia aruna* Arenberger, 1991**

MATERIAL EXAMINED. **Bhutan:** Trongsa, 8 km E Chenberi, 27°27' N, 90°23' E, 2420 m, 4-6.VII 2009, 1 ♀ (V. Siniayev).

DISTRIBUTION. India, China, Nepal, Bhutan.

***Hellinsia bhutanensis* Arenberger, 1995**

DISTRIBUTION. Bhutan.

**\**Hellinsia fuscomarginata* Arenberger, 1991**

MATERIAL EXAMINED. **Bhutan:** Chillea Pass., 27°22' N, 89°21' E, 3595 m, 13-16.VII 2009, 2 ♂ (V. Siniayev); Bumthang, 27°31' N, 90°33' E, 2420 m, 7-9.VII 2009, 1 ♂ (V. Siniayev).

DISTRIBUTION. India, China, Nepal, Bhutan.

**\**Hellinsia laciniata* Arenberger, 1991**

MATERIAL EXAMINED. **Bhutan:** Dung Dung, Nobding, 27°32' N, 90°11' E, 1970 m, 1-3.VII 2009, 5 ♂, 2 ♀ (V. Siniayev).

DISTRIBUTION. Nepal, Bhutan.

**\**Pterophorus flavus* Arenberger, 1991**

MATERIAL EXAMINED. **Bhutan:** Pellele Pass, 27°33' N, 90°12' E, 3279 m, 29.VI 2009, 1 ♂ (V. Siniayev).

DISTRIBUTION. India, Nepal, Bhutan.

## CONCLUSION

Thus, nine species of plume moths are recorded here from Bhutan for the first time and in total 17 species are known from this country. All the species new for the fauna of the country were collected in the highlands of Bhutan, while all the species previously mentioned by a small number of sources were collected mainly in the lowland areas of the tropical zone.

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