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A new species of *Anthonympha* Moriuti (Lepidoptera: Plutellidae) from Russian Far East, with annotated check list of the genus

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Abstract

Anthonympha rossica sp. nov., is described and illustrated. A checklist and key to the species of the genus are given. All the species are diagnosed.

Key words: Lepidoptera, Plutellidae, *Anthonympha*, checklist, identification key, diagnoses, new species, Russia

Introduction

The genus *Anthonympha* was established for three species from NE and S India and Sri Lanka (*oxydelta* Meyrick, 1913; *duplicata* Meyrick, 1913; *devota* Meyrick, 1913) in the family Plutellidae (Moriuti 1971). Later fourth species, *A. speciosa* Moriuti, 1974, was described from Taiwan. Due to its peculiarities of the wing venation and the male genitalia there was a need for redescription to the genus. Further at least three more species belonging to the genus were mentioned, all of them are undefined but different from one another as stated by Robinson *et al.* (1994): one species from Thailand, one from Sulawesi and the other from Brunei. Only the last species was illustrated in the book.

A further, undescribed species was collected in most south part of Russian Far East. Its description is presented here.

The terminology of genitalia mainly follows Klots (1970). With respect to the morphology of the male copulatory organ (Snodgrass 1935; Kuznetsov & Stekolnikov 2001; Kristensen 2003), the following terms for describing the parts of the phallus complex is used: phallic sclerotized tube = aedeagus; phallosheath = anellus; endophallus = vesica with cornuti. The holotype and a part of the paratypes of the new species are kept in the collection of Zoological Institute of Russian Academy of Sciences (ZIAS), Sankt-Petersburg, and the rest of the paratypes are deposited in the Institute of Biology and Soil Sciences (IBSS), Far Eastern Branch of Russian Academy of Sciences, Vladivostok, Russia.

Description

Anthonympha rossica Ponomarenko, sp. nov.

(Figs. 1–5)

Type material. Holotype: ♂, Russia, Primorskii krai, Khasanskii district, Kedrovaya pad' reserve, 5.viii.1988 (Sinev leg.), gen. slide Plu.—97 MP, ZIAS; with red rectangular label written "Holotype/ *Anthonympha rossica*". Paratypes: Russia, Primorskii krai: 4 ♂, 1 ♀, same locality as Holotype, 25, 31.vii; 5.viii., 9.viii.1988 (Sinev leg.), gen. slides Plu.—94 (♂) MP, Plu.—95 (♀) MP, Plu.—100 (♂) MP; 4.viii.1974 (Ermolaev leg.); 1 ♀, Pozharskii