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A review of the Palaearctic *Mniotype adusta* (Esper, 1790) species-group with description of a new species and six new subspecies (Lepidoptera: Noctuidae)

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Abstract

Eighteen Palaearctic taxa of the *Mniotype adusta* species-group are reviewed. One new species (*M. kobyakovi* Volynkin, Matov & Behounek, **sp. n.**) and six new subspecies (*M. lama kortka* Volynkin, Matov & Behounek, **ssp. n.**, *M. lama etugen* Volynkin, Matov & Behounek, **ssp. n.**, *M. lama ayubaevorum* Volynkin, Matov & Behounek, **ssp. n.**, *M. adusta poltavskiyi* Volynkin, Matov & Behounek, **ssp. n.**, *M. adjuncta cineritia* Volynkin, Matov & Behounek, **ssp. n.** and *M. dubiosa amitayus* Volynkin & Han, **ssp. n.**) are described. Two taxa, previously regarded as subspecies are restored to specific status: *M. adjuncta* (Moore, 1881) **stat. n.** and *M. dubiosa* (A. Bang-Haas, 1912) **stat. n.** A taxon previously regarded as a junior synonym is restored to specific status: *M. juldussica* (Draudt, 1934) **stat. n.** A new synonymy is introduced: *M. bathensis* (Lutzau, 1900) = *Hadena adusta* var. *moesta* Staudinger, 1897 **syn. n.** The synonymy of *M. bathensis* and *Crino adusta* subsp. *urupino* Bryk, 1942 **syn. rev.** is revised. The lectotypes for *Hadena? lama* Staudinger, 1900, *Mamestra vicina* Alphéraky, 1882, *Hadena adusta* var. *moesta* Staudinger, 1897 and *Hadena lama* var. *dubiosa* A. Bang-Haas, 1912 are designated. The neotype for *Crino adusta juldussica* Draudt, 1934 is designated. The adults, male and female genitalia of all reviewed species and subspecies are illustrated.

Key words: Lepidoptera, Noctuidae, Xyleninae, *Mniotype*, new species, new subspecies, new status, new synonymy, Palaearctic

Introduction

Mniotype Franclemont, 1941 is a Holarctic genus belonging to subtribe Antitypina Forbes & Franclemont, 1954, the tribe Xylenini Guenée, 1837 of the noctuid subfamily Xyleninae, and includes about forty species distributed mainly in temperate Palaearctic. It is closest to the genera *Polymixis* Hübner, [1821] and *Blepharita* Hampson, 1907, and its systematics was reviewed by Hacker (1990) and Ronkay *et al.* (2001), and the taxonomy of some species-groups was investigated by Hreblay & Ronkay (1998; 1999). The Palaearctic species of the genus are divided into eleven species-groups (Ronkay *et al.* 2001), although the taxonomic placement of the some species-groups is still debateable.

According to Ronkay *et al.* (2001), the *Mniotype adusta* (Esper, 1790) species-group includes seven species in the Palaearctic region. Our studies have demonstrated that the taxonomy of the group needed revision and the present paper comprises this taxonomic review. One new species and six new subspecies are described. *M. dubiosa* (A. Bang-Haas, 1912) **stat. n.** and *M. adjuncta* (Moore, 1881) **stat. n.** are treated here as distinct species. *Hadena adusta* var. *moesta* Staudinger, 1897 previously considered by Ronkay *et al.* (2001) as a subspecies of *M. adusta* is synonymised here with *M. bathensis* (Lutzau, 1900). *Crino adusta juldussica* Draudt, 1934 previously considered by Ronkay *et al.* (2001) as a synonym of *moesta* treated here as a distinct species *M. juldussica* (Draudt, 1934) **stat. n.**

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