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Nemophora eretna n.sp. from Turkey (Adelidae, Lepidoptera)

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Fig. 1- *Nemophora eretna* sp.n. in nature. Turkey Van Province, Çatak, Amata valley, 1.7.2006, photo M.Kemal (Cesa)

Abstract: M.Kemal & A.Ö.Koçak, *Nemophora eretna* n.sp. from Turkey (Adelidae, Lepidoptera). *Cent. ent. Stud., Misc. Pap.* 100: 1-4, 3 figs.

In this article, A new species, *Nemophora eretna* (n.sp.) is described from South East Turkey.

Key words: *Nemophora eretna*, Adelidae, Lepidoptera, Turkey.

Adelidae fauna of Turkey is very poorly known. It is represented by totally 29 species, so far (Koçak & Kemal,2006). During the field studies in 2006, carried out by the authors in the mountainous area of southern Van Province in East Turkey, an interesting *Nemophora* species was found by the first author. Comparing the *Adelinae* species of the Western Palaearctic Region by Küppers (1980), we could not find this species. Taking Razowski's (1978) monographic book into consideration, we came to the conclusion that this species is closer to *N. chrysochraon* (Razowski) but differs from it by some features.

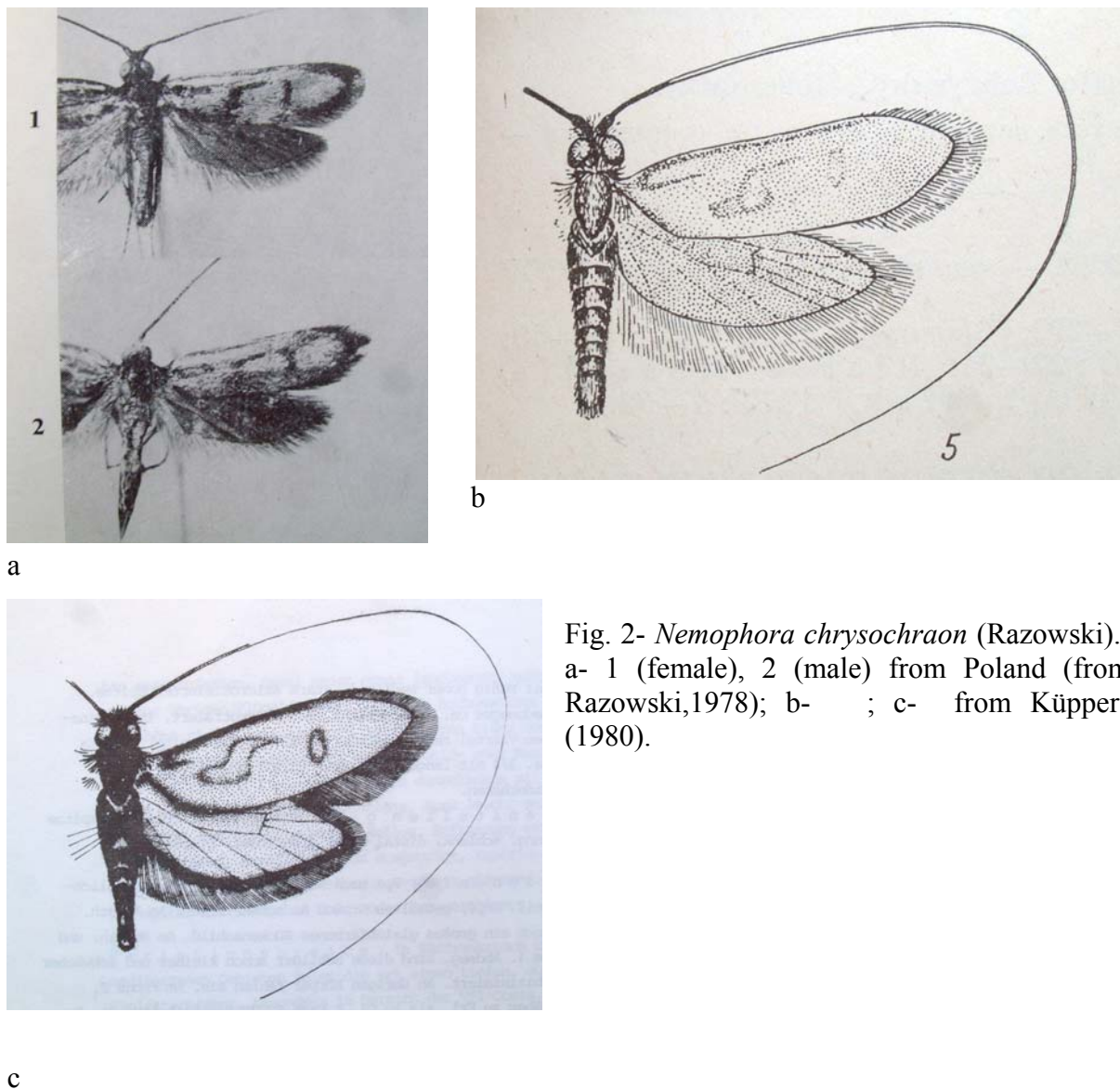


Fig. 2- *Nemophora chrysochraon* (Razowski).- a- 1 (female), 2 (male) from Poland (from Razowski,1978); b- ; c- from Küppers (1980).

Nemophora eretna n.sp.

Description:

Holotype (♂): Head above olive-green, antennae long, basal part of flagellum extremely thickened by scales, outer part white.

Upperside: Forewing: Narrow-elongated; ground colour light olive-green; marginal band broad light purple, two median cross markings broad, purple, bordered by blackish scales; their shapes somewhat similar with those of *N. chrysochraon*, but much more boarder, developed and connected with dorsum. Dark purple basal streak well marked. Dark costal streak prominent, but discontinuous at costa near outer cross marking. Marginal scale row and long hairs dark brown, well developed.



Fig. 3- *Nemophora eretna* n.sp., upperside of male (Holotype) Turkey Van Province, Çatak, Amata valley, 1550m, 17 2006, M Kemal leg. & photo (Cesa)

Hindwing: Ground colour dark brown; marginal scale row and long hairs dark brown, well developed.

Measurements: Wing expanse: 14,5mm; forewing: 6,5mm.

Ecology: This species inhabits in hot, dry mountainous area at 1550m. Adult flies by day in July.

Early Stage: Unknown.

Material studied: 1 ♂ (Holotype): Turkey, Van Province, Çatak, Amata valley, 1550m, 17 2006, M Kemal leg. (Cesa).

Etymology: This species is dedicated to the Eretna State of Uighur people founded in Central and East Anatolia in 14th Century¹.

This new species is somewhat similar to *N. chrysochraon* (Razowski) but easily distinguishable especially by its antennal shape, and the shapes of the cross bands on forewing (Fig. 2a-c). *N. chrysochraon* (Razowski) distributed locally in South and Central Europe, in

¹ Göde, K., 2000, Eretnalılar (1327-1381). 203S, 21 resim, Türk Tarih Kurumu Yayınları, Ankara.

West Turkey, only known from Bursa. On the other hand, *Nemophora eretna* (n.sp.) seems very local and rare in South East Turkey.

Literature:

Leraut, P.J.A., 1997, Systematic and Synonymic List of the Lepidoptera of France, Belgium and Corsica (second edn.). Alexanor (Suppl.): 1-526, Paris.

Koçak, A.Ö. & M.Kemal, 2006, Checklist of the Lepidoptera of Turkey. Priamus Suppl. 1: 1-196. <<http://www.members.tripod.com/entcesa/Pri.htm>>

Küppers, P.V., 1980, Untersuchungen zur Taxonomie und Phylogenie der Westpalaearktischen Adelinae (Lepidoptera, Adelidae). 497S., Tafeln. Verlag M. Wahl, Karlsruhe.

Razowski, J., 1978, Motyle (Lepidoptera) Polski, Czesc III. Heteroneura, Adeloidea Monogr. Faun. Polsky 8: 1-137, Pls.

Nomenclatural notes on the Palaearctic Lepidoptera

Muhabbet Kemal Ahmet Omer Kocak

Abstract: M.Kemal & A.Ö.Koçak, Nomenclatural notes on the Palaearctic Lepidoptera. *Cent. ent. Stud., Misc. Pap.* 100: 4-5.

In this article, two replacement names at generic level are proposed in the families *Lycaenidae*, and *Arctiidae*, *Yettekizia* nom. nov. and *Lerautia* nom. nov. respectively.

Key words: *Yettekizia*, *Lerautia*, *Lycaenidae*, *Arctiidae*, nomen novum, *Lepidoptera*.

Within the framework of the Cesa Projects on the Lepidoptera of the Old World, the taxonomical information on the families *Lycaenidae* and *Arctiidae* in the Data Bank of the Cesa were evaluated. For this purpose, among the 6808 taxa in the family *Lycaenidae*, and 2729 taxa in the family *Arctiidae* were checked up and as a result of this, two generic names were found as invalid, as they were junior homonyms. In this article, replacement names for the preoccupied taxa are proposed in accordance with the related articles of the ICZN.

LYCAENIDAE

***Yettekizia* nom. nov.**

pro *Xinjiangia* Huang & Murayama, 1988 nec Zang, 1981 (*Trilobita*) non Hong, 1983 (*Paratrichoptera*)

Yettekizia kumukuleensis (Huang & Murayama, 1988) **(comb.n.)**

Range: Uighur Ili.

ARCTIIDAE***Leurautia* nom. nov.**

pro *Eucoscinia* Leraut, 1993, Ent. gallica 4 (4): 136 nec Pornell, 1872, Pal. Oran. 5: 83 (Spongia). Type-species: *Coscinia bifasciata* Rambur, 1832. This name is dedicated to the original author of the name.

***Leurautia bifasciata* (Rambur, 1832) (comb.n.)**

Range: France.

Literature:

Hong, 1983, Beijing zhongzhu Inoshi kunchong huashi [Middle Jurassic fossil insects in north China.] Beijing zhongzhu Inoshi kunchong huashi [Middle Jurassic fossil insects in north China.] Geological Publishing House, Peking : 102.

Huang & Murayama, 1988, A new lycaenid butterfly from Mt. Altin of Kunlun Range in Xinjiang Province, China. Nat Insects 23 (12) : 28.

Leraut, P., 1993, Description preliminaire d'un nouveau genre d'Arctiidae (Lep.). Ent. gallica 4 (4): 136.

Zhang, 1981, Xibei diqu gushengwu tuce: Xinjiang Weiwuer Zizhi Qu fence. 1. Wanuuan gudai - zaogusheng dai bufen. [Atlas of fossils of Xinjiang Province. 1. Upper Proterozoic-Lower Palaeozoic.] Xibei diqu gushengwu tuce: Xinjiang Weiwuer Zizhi Qu fence. 1. Wanuuan gudai - zaogusheng dai bufen. [Atlas of fossils of Xinjiang Province. 1. Upper Proterozoic-Lower Palaeozoic.] Dizhi Chuban She, Peking : 199.

On the nomenclature of some Arachnida

Ahmet Omer Kocak Muhabbet Kemal

Abstract: Koçak, A.Ö. & M. Kemal, On the Nomenclature of some Arachnida. *Cent. ent. Stud., Misc. Pap.* 100: 5-6.

In this article, two replacement names at generic level are proposed in the family *Linyphiidae*, *Locketina* nom. nov. and *Eskovina* nom. nov. respectively.

Key words: *Linyphiidae*, *Locketina*, *Eskovina*, nomen novum, Arachnida.

Within the framework of the Cesa Projects on the *Lepidoptera* of the Old World, the taxonomical information in the Data Bank of the Cesa were evaluated. As a result of a comprehensive investigation, two genera were found as invalid in the *Arachnida*, as they were junior homonyms of other groups of animals. Although the preoccupied generic names were not insects, we propose new replacement names dedicating to their original authors. New names were proposed in accordance with the related articles of the ICZN.

LINYPHIIDAE***Locketina* nom. nov.**

pro *Kuala* Locket, 1982 (Bull Br Arachnol Soc 5 (8) : 370) nec *Kuala* Durette-Desset & Krishnasamy 1976 published in Bull.Mus.natn.Hist.nat.Paris (Zool.) 270: 709 (*Nematoda*). This name is dedicated to the original author of the name.

***Eskovina* nom. nov.**

pro *Oinia* Eskov, 1984 (Zool Zh 63 (9) : 1340) nec *Oinia* Hedqvist, 1978 (*Ent. Scand.* 9 (1) : 65) (*Hymenoptera*). This name is dedicated to the original author of the name.

Literature:

Locket, 1982, Some linyphiid spiders from western Malaysia. *Bull. Br. Arachnol. Soc.* 5 (8) : 370.

Eskov, 1984, New and little known genera and species of spiders (Aranei: Linyphiidae) from the Far East. *Zool. Zh.* 63 (9) : 1340.

Hedqvist, 1978, Four new genera and species of the subfamily Euderinae from Brazil (Hymenoptera: Chalcidoidea). *Ent. Scand.* 9 (1) : 65.

Nomenclatural notes on the Australic Lepidoptera

Muhabbet Kemal Ahmet Omer Kocak

Abstract: Kemal, M. & A.Ö. Koçak, Nomenclatural notes on the Australic Lepidoptera. *Cent. ent. Stud., Misc. Pap.* 100: 6-7.

In this article, a replacement name at generic level is proposed in the family *Oecophoridae*, *Commonina* nom. nov.

Key words: *Oecophoridae*, *Commonina*, nomen novum, *Lepidoptera*.

Within the framework of the Cesa Projects on the Lepidoptera of the Old World, the taxonomical information on the *Oecophoridae* family in the Data Bank of the Cesa were evaluated. As a result of this, among the 796 evaluated taxa, one genus name *Erythrobapta* Common, 2000 was found as invalid, as it was junior homonym of *Erythrobapta* Weise, 1902, published in *Coleoptera*. In this article, a replacement name for *Erythrobapta* Common is proposed in accordance with the related articles of the ICZN.

OECOPHORIDAE***Commonina* nom.nov.**

pro *Erythrobapta* Common,2000 (*Monogr. Aust. lepid.* 8: 141) nec Weise,1902, published in *Arch. Naturgesch.* 68 (1): 140 (*Coleoptera*). This name is dedicated to the original author of the name.

***Commonina haemalea* (Turner,1916) (comb.n.)**

***Commonina picimacula* (Turner,1935) (comb.n.)**

Literature:

Common,I.F.B., 2000, Oecophorine genera of Australia III. The Baraea group and unplaced genera (Lepidoptera, Oecophoridae). *Monogr. Aust. lepid.* 8: 141.

Nomenclatural notes on the Nearctic Lepidoptera

Muhabbet Kemal Ahmet Omer Kocak

Abstract: Kemal,M. & A.Ö.Koçak, Nomenclatural notes on the Nearctic Lepidoptera. *Cent. ent. Stud., Misc. Pap.* 100: 7-8.

In this article, a replacement name at generic level is proposed in the family *Scythridae*, *Landryia* nom. nov.

Key words: *Scythridae*, *Landryia*, nomen novum, *Lepidoptera*.

Within the framework of the Cesa Projects on the Lepidoptera of the Old World, the taxonomical information on the *Scythridae* family in the Data Bank of the Cesa were evaluated. As a result of this, among the 447 evaluated taxa, one genus name *Asymmetrura* Landry,1991 was found as invalid, as it was junior homonym of *Asymmetrura* Farina,1981, published in *Mammalia*. In this article, a replacement name for *Asymmetrura* Landry is proposed in accordance with the related articles of the ICZN.

SCYTHRIDAE***Landryia* nom.nov.**

pro *Asymmetrura* Landry,1991 (*Mem. Ent. Soc. Can.* 160: 134) nec Farina,1981, published in *Anais Congr. latino-am. palaeont.* 2 (2): 780 (*Mammalia; Edentata*). This name is dedicated to the original author of the name.

***Landryia albilineata* (Walsingham,1888) (comb.n.)**

***Landryia graminivorella* (Braun,1920) (comb.n.)**

***Landryia impositella* (Zeller,1855) (comb.n.)**

***Landryia matutella* (Clemens,1860) (comb.n.)**

***Landryia reducta* (Braun,1923) (comb.n.)**

***Landryia scintillifera* (Braun,1927) (comb.n.)**

Literature:

Landry, 1991, Systematics of Nearctic Scythrididae (Lepidoptera, Gelechioidea): phylogeny and classification of supraspecific taxa, with a review of described species. *Mem. Ent. Soc. Can.* 160: 134 seq.

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