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Callopistria latreillei (DUPONCHEL, 1827) new for Ukraine fauna and several rare species of noctuid moths (Lepidoptera, Noctuidae)

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ABSTRACT. The study presents the first localities of *Callopistria latreillei* (DUP.), a new species for Ukraine fauna. The species was found in the Zakarpatie in south-western Ukraine. Also the localities for 2 rare noctuid moths species for Ukrainie are given. That was the first time those species were reported from Zakarpatie.

KEY WORDS: Lepidoptera, Noctuidae, faunistics, new records, Ukraine.

The genus *Callopistria* HÜBNER, [1821], includes about 120 species (POOLE 1989), out of which 26 species occur in the Palearctic. Only 2 species of the genus have been found in Europe so far (FIBIGER & HACKER 2007), and one of them has been reported from Ukraine (KLJUCHKO 2006).

During field study of noctuid moths in south-western Ukraine in Zakarpatie *Callopistria latreillei* (DUPONCHEL, 1827) was first reported from Ukraine (Fig. 1).

- Ukraine, Zakarpatie, Vynohradiv: in two localities on the slopes of Chorna Hora: 28 July 2009, 1 ex. was caught on light in dry sward of forest-steppe nature on the southern slope of Chorna Hora; 16 September 2009, 1 ex. caught on light in dry rock sward with xerothermic shrubbery on the eastern slope of Chorna Hora (Fig. 2).

The distribution of the species is Palaeo-tropical. The species inhabits xerothermic habitats of steppe, forest-steppe or xerothermic, not too dense shrubbery nature. In Europe

it occurs in all the Mediterranean and Balkan Peninsula countries: Albania, Austria, Bulgaria, Bosnia, Croatia, France, Greece, Hungary, Italy, Macedonia, Portugal, Romania, Spain, Serbia and Slovenia, it was also reported from Mediterranean islands: Corsica, Crete, Sardinia and Sicily (FIBIGER & HACKER 2007, NOWACKI & FIBIGER, 1996). Outside Europe it was reported from the Canary Islands, north Africa, Anatolia and south-western Asia in steppe regions as far as Iran, Afghanistan and Turkistan.

In central Europe *C. latreillei* has been reported only from its southern part, namely Austria (HUEMER & TARMAN 1993), Romania (RAKOSY 1997) and Hungary (VARGA et al. 2005) in isolated localities of xerothermic nature, most often dry and warm rock swards, warm, sparse oak forest of forest-steppe nature. The larvae of the species infest the plants of: *Ceterach* spp., *Cochlearia* spp., *Pteridium* spp.. Adults appear in two or three generations from V to IX (FIBIGER & HACKER 2007, RAKOSY 1997, NOWACKI 1998).

Fig. 1. *Callopistria latreillei* (DUP.) – Ukraine, Zakarpatie, Vynohradiv, 16 September 2009, leg. J. NOWACKI & K. PAŁKA.

Fig. 2. Rock sward and xerothermic shrubberies on the slope of Chorna Hora as a habitat of *C. latreillei* (DUP.) development.

Along with *C. latreillei* two other interesting species were found in the same localities:

***Calymma communimacula* (DEN. et SCHIFF.)**

Chorna Hora ad Vynohradiv, 28 VII 2009, 3 exx. caught on light on the southern slope of Chorna Hora in xerothermic sward of forest-steppe nature.

A Ponto-Mediterranean species occurring locally on single sites mainly in eastern, southern and central Ukraine (KLYUCHKO et al. 2001). New for Zakarpatie.

***Episema glaucina* (ESP.)**

Chorna Hora ad Vynohradiv, 16 IX 2009, 2 exx. caught on light on the eastern slope of Chorna Hora in rock sward and xerothermic shrubberies.

A Holo-Mediterranean- Turkestanian species occurring in single localities mainly on the Crimea and eastern Ukraine (KLYUCHKO et al. 2001). New for Zakarpatie.

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