

New records of *Cydalima perspectalis* (Walker, 1859)
(Lepidoptera, Crambidae) and *Metcalfa pruinosa* (Say, 1830)
(Hemiptera, Flatidae) from the North Caucasus

Новые находки *Cydalima perspectalis* (Walker, 1859)
и *Metcalfa pruinosa* (Say, 1830) на Северном Кавказе

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Ключевые слова: Россия, Ставропольский край, новые находки, *Cydalima perspectalis*, *Metcalfa pruinosa*.

Abstract. Two pest species, *Cydalima perspectalis* (Walker, 1859) and *Metcalfa pruinosa* (Say, 1830) are newly recorded from Stavropolskii Krai in North Caucasus, Russia.

Резюме. Приводятся новые места находок *Cydalima perspectalis* (Walker, 1859) и *Metcalfa pruinosa* (Say, 1830) на территории Ставропольского края (Северный Кавказ).

Notes. In the literature there is no information about the findings of the species in the region.

Our data indicate an expansion of the range of these dangerous invasive species in the North Caucasus.

Introduction

During the expedition in 2019 we discovered new habitats for two dangerous invasive species of insects in the territory of the Stavropolskii Krai.

Results

Cydalima perspectalis (Walker, 1859)

Fig. 1.

Material. Damaged landing of *Buxus sempervirens* and caterpillars of this species discovered in Staropavlovskaya village (43°50'46" N, 43°38'17" E, h = 334 m) 2.07.2019, Novopavlovsk (43°57'20" N, 43°37'58" E, h = 331 m) 10–11.07.2019.

Distribution. Since 2012, this invasive species has been rapidly expanding its range in the Caucasus [Schurov, 2014]; by 2017, this butterfly in the region was found in the Krasnodarskii Krai, Adygea, Chechnya and Northern Ossetia-Alania [Dobronosov, 2017]. According to the Ministry of Agriculture of the Stavropolskii Krai [Savchenko, 2018] in the region, this pest was previously discovered in Stavropol, Mikhailovsk and Kochubeyevskoe.

Notes. The new locality is located at a distance of about 170 km from them.

Metcalfa pruinosa (Say, 1830)

Fig. 2.

Material. We found it on *Vitis vinifera*, *Rosa* sp. and *Rubus idaeus* in Krasnokumskoe village (44°10'17.6" N 43°29'28.4" E, h = 260 m) 4.08.2019.

Distribution. The species in Russia was first discovered on the Black Sea coast (Krasnodarskii Krai) in 2009; four years later in 2013, he was discovered in Chechnya [Gnezdilov, Sugonyaev, 2009; Balakhnina et al., 2014; Schurov, 2017].



Fig. 1. *Cydalima perspectalis* in Staropavlovskaya village, Stavropolskii Krai, 2.07.2019.

Рис. 1. *Cydalima perspectalis*, станица Старопавловская, Ставропольский край, 2.07.2019.



Fig. 2. *Metcalfa pruinosa* in Krasnokumskoe village, Stavropolskii Krai, 4.08.2019.

Рис. 2. *Metcalfa pruinosa*, село Краснокумское, Ставропольский край, 4.08.2019.

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