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NEW AND RARE FOR THE FAUNA OF KUNASHIR ISLAND SPECIES OF NOCTUOIDEA, DREPANOIDEA И GEOMETROIDEA (LEPIDOPTERA)

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Summary. *Pachista superans* (Butler, 1878) (Geometridae) is recorded from Russia for the first time. Three species, *Melanchra postalba* Sugi, 1982 (Noctuidae), *Pseudoips sylpha* Butler, 1879 (Nolidae), and *Oreta pulchripes* Butler, 1877 (Drepanidae) are new for the fauna of the Kuril Islands. The actual abundance and distribution of the rare species *Asteropetes noctuina* (Butler, 1878) (Noctuidae) is specified.

Key words: Lasiocampidae, Notodontidae, Erebidae, Noctuidae, Geometridae, fauna, new records, Kurile Islands, Russian Far East.

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Резюме. Впервые для фауны России приводится *Pachista superans* (Butler, 1878) (Geometridae). Впервые для Курильских островов отмечены три вида: *Melanchra postalba* Sugi, 1982 (Noctuidae), *Pseudoips sylpha* Butler, 1879 (Nolidae) и *Oreta pulchripes* Butler, 1877 (Drepanidae). Уточняется распространение и численность редкого вида *Asteropetes noctuina* (Butler, 1878) (Noctuidae).

INTRODUCTION

In the recent years, significant additions have been made to the Lepidoptera fauna of Kunashir (Anikin *et al.*, 2016; Rybalkin & Yakovlev, 2017; Rybalkin *et al.*, 2018). The present paper is based on the material collected by the first author in Kunashir Island in 2015 and 2017. The specimens were collected on a light trap using a DRV-250 lamp. All the material is deposited in the private collection of S. Rybalkin.

LIST OF THE SPECIES

Family Geometridae

***Pachista superans* (Butler, 1878)**

Fig. 1

MATERIAL. Russia: Kunashir Island, 4.5 km NW Mendeleevo airport, Tretyakovo vill., 8.VIII 2017, 1 ♂, leg. S. Rybalkin.

DISTRIBUTION. Russia (Kunashir Island), Japan (Hokkaido, Honshu, Shikoku, Kyushu) (Nakajima, 2011), Korea (north to North Pyongan Province: Bálint & Katona, 2011) (Kim et al., 2001), China (Liaoning) (Han & Xue, 2011). Here this species and genus is firstly recorded from Russia.

NOTES. The host plants of the *P. superans* are different Magnoliaceae (Nakajima, 2011), from which only *Magnolia obovata* Thunb. is distributed locally on the Kunashir Island.

Family Noctuidae

***Melanchra postalba* Sugi, 1982**

Fig. 2

MATERIAL. Russia: Kunashir Island, 4.5 km NW Mendeleevo airport, Tretyakovo vill., 16-28.VII 2015, 6 ex., leg. S. Rybalkin; same locality, 8.VII–12. VIII 2017, 1 ex., leg. S. Rybalkin.

DISTRIBUTION. Russia (Primorskii krai, Kunashir Island), Japan (Hokkaido, Honshu), Korea, China (Anikin *et al.*, 2016). Here this species is firstly recorded from Kunashir Island.

***Asteropetes noctuina* (Butler, 1878)**

Fig. 3

MATERIAL. Russia: Kunashir Island, 4.5 km NW Mendeleevo airport, Tretyakovo vill., 8–11.VII 2017, 11 ex., leg. S. Rybalkin.

DISTRIBUTION. Russia (Kunashir Isl.), Japan (Hokkaido, Honshu) (Bryk, 1942; Anikin *et al.*, 2016).

NOTES. This species was firstly reported for the Kunashir fauna by Bryk (1942). After this, single specimens were found in Kunashir, including only 2 specimens in the last 30 years (Sviridov, 2001). Due to these sporadic discoveries, the species was listed in the Red Book of the Russian Federation and assigned the 1st category - “endangered species”. However, at the 2017, eleven specimens of the species were captured for four days only. Most likely, the sporadic findings are caused by a lack of material on the Kuril Islands.

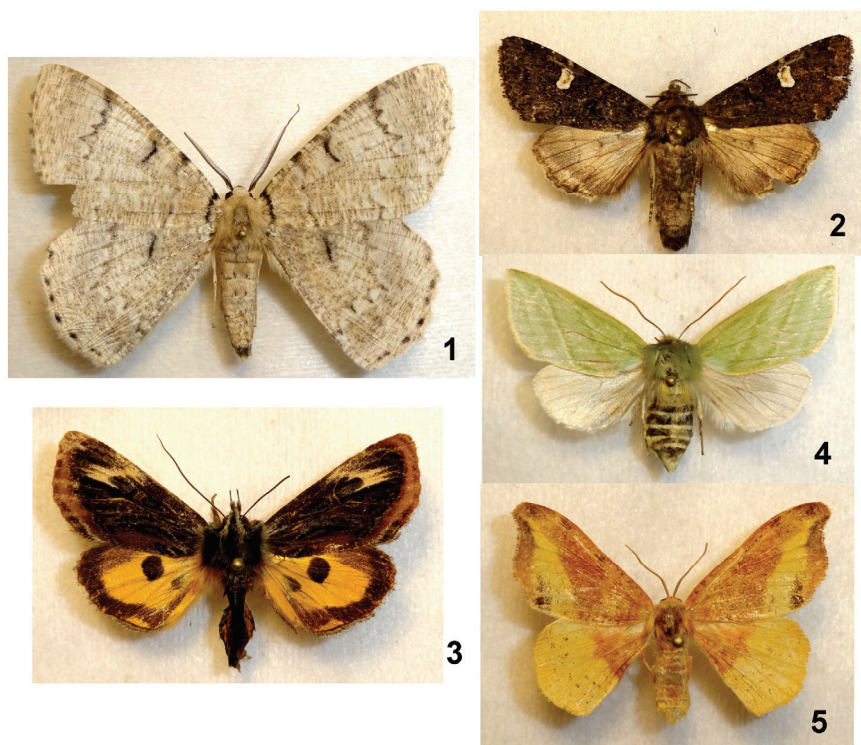
Family Nolidae

***Pseudoips sylpha* Butler, 1879**

Fig. 4

MATERIAL. Russia: Kunashir Island, 4.5 km NW Mendeleevo airport, Tretyakovo vill., 16-28.VII 2015, 9 ex., leg. S. Rybalkin; same locality, 8.VII–12. VIII 2017, 20 ex., leg. S. Rybalkin.

DISTRIBUTION. Russia (Amur Reg., Khabarovsk and Primorskii krai), Japan (Hokkaido, Honshu, Shikoku, Kyushu), Korea, China (Anikin *et al.*, 2016). Here this species is firstly recorded from Kunashir Island.



Figs. 1–5. Imago of Lepidoptera from the Kunashir Island (coll. S. Rybalkin): 1 – *Pachista superans* (Butler, 1878), ♂; 2 – *Melanchra postalba* Sugi, 1982, ♂; 3 – *Asteropetes noctuina* (Butler, 1878), ♂; 4 – *Pseudoips sylpha* Butler, 1879, ♂; 5 – *Oreta pulchripes* Butler, 1877, ♂.

Family Drepanidae

Oreta pulchripes Butler, 1877

Fig. 5

MATERIAL. Russia: Kunashir Island, 4.5 km NW Mendeleevo airport, Tretyakovo vill., 20.VII 2015, 1 ex., leg. S. Rybalkin.

DISTRIBUTION. Russia (Amur Reg., Khabarovsk and Primorskii krai, Sakhalin Island), Japan, Korea, China (Anikin *et al.*, 2016). Here this species is firstly recorded from Kunashir Island.

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