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**NEW FOR THE RUSSIAN FAUNA SPECIES OF THE FAMILIES
EREBIDAE AND NOCTUIDAE (LEPIDOPTERA)**

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Summary. Three noctuid species are found in Russia for the first time, of them two species, *Bertula spacoalis* (Walker, 1859) (Erebidae) and *Euplexidia angusta* Yoshimoto, 1987 (Noctuidae), are new for Primorskii krai, and *Orthosia aoyamensis* (Matsumura, 1926) (Noctuidae) – for Sakhalin Island.

Key words: moths, Herminiinae, Noctuinae, fauna, new records, Russian Far East.

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Резюме. Впервые для фауны России приводятся три вида совкообразных чешуекрылых. Два вида – *Bertula spacoalis* (Walker, 1859) (Erebidae) и *Euplexidia angusta* Yoshimoto, 1987 (Noctuidae), найдены в Приморском крае, а *Orthosia aoyamensis* (Matsumura, 1926) (Noctuidae) впервые указывается с острова Сахалин.

INTRODUCTION

The Russian Far East fauna of Noctuid moths [former family Noctuidae (s. l.), nowadays divided into Noctuidae (s. str.), Erebidae (without Lymantriinae and Arctiinae), Euteliidae, and Nolidae] includes 991 species (Kononenko, 2016 a–d) or 986 species (Matov, 2019 a, b; Matov *et al.*, 2019 a, b). Furthermore, after the publication of these books, four additional species has been recorded from this territory (Koshkin, 2020; Koskin & Pekarsky, 2020; Rybalkin, 2020).

Present paper provides data about first finds of three species of Noctuid moths in Russia. Thus, fauna of the Russian Far East approaches a thousand species.

The moths were collected by light traps. Studied specimens are deposited in the collections of E.S. Koshkin [EK] and B. Benedek [BB].

NEW RECORDS
Family Erebidae
Subfamily Herminiinae

***Bertula spacoalis* (Walker, 1859)**

Figs 1, 4

Bleptina spacoalis Walker, 1859: 872 (type locality: North China).

MATERIAL. Russia: Primorskii krai, Khasan District, Zarubino village, 42°39' N, 131°04' E, 23.VII 2020, 1♀, leg. V. Golovizin [EK].

DISTRIBUTION. Russia (new record): Primorskii krai. – Japan: Hokkaido, Honshu, Shikoku, and Kyushu Islands; North and South Korea; China (Inoue *et al.*, 1982; Kononenko *et al.*, 1998).

REMARKS. *Bleptina spacoalis* differs from the similar *B. bistrigata* (Staudinger, 1888) (also distributed in the southern part of the Russian Far East) by a wavy medial line on forewing and absence of reniform spot. The specimen of *B. spacoalis* collected in Khasan District is presumably a migrant from more southern regions.

Family Noctuidae
Subfamily Noctuinae

***Orthosia aoyamensis* (Matsumura, 1926)**

Figs 2, 5

Monima aoyamensis Matsumura, 1926: 13 (type locality: Japan: Hokkaido, Aoyama near Kutchan, and Sapporo).

MATERIAL. Russia: Sakhalinskaya oblast, Sakhalin Island, near Yuzhno-Sakhalinsk, 5 km NE of Novo-Aleksandrovsk, 47°05' N, 142°46' E, 10–25.V 2019, 5♂, leg. O. Kuporov [BB].

DISTRIBUTION. Russia (new record): Sakhalin Island. – Japan: Hokkaido, Honshu, Shikoku, and Kyushu Islands (Matsumura, 1926; Inoue *et al.*, 1982).

REMARKS. Externally *Orthosia aoyamensis* resembles *O. incerta* (Hufnagel, 1766) but with noticeable basal, antemedial and postmedial lines on forewings; medial field is usually darker than ground colour of forewings. In male genitalia ventral margin of cucullus with strong concavity and without noticeable pollex. Most likely in the southern part of Sakhalin *O. aoyamensis* is an autochthonous species and its late discovery here can be explained by the poor knowledge of the spring aspect of Noctuidae fauna of this territory.

***Euplexidia angusta* Yoshimoto, 1987**

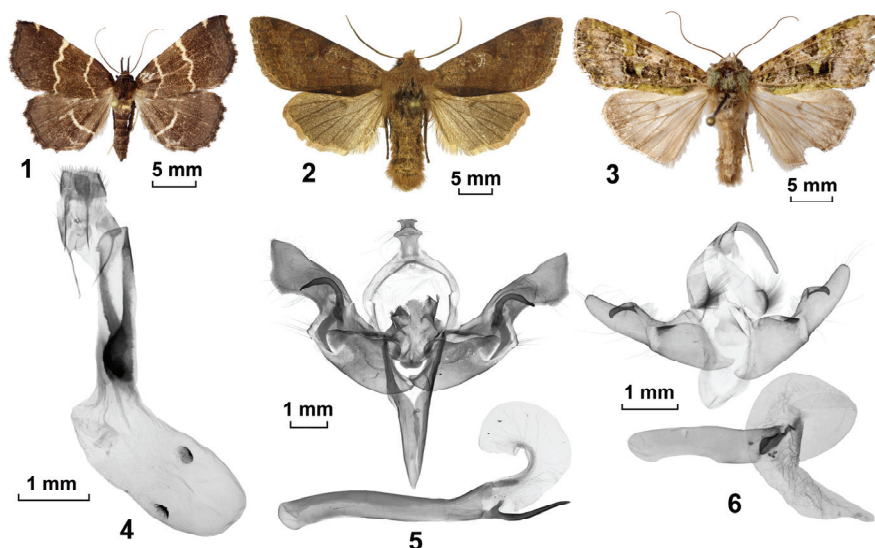
Figs 3, 6

Euplexidia angusta Yoshimoto, 1987: 97 (type locality: Japan, Kyushu, Fukuoka, Mt. Hikosan).

MATERIAL. Russia: Primorskii krai, Shkotovo District, Anisimovka village, 43°10' N, 132°48' E, 29.VI 2019, 1♂, leg. V. Golovizin [EK].

DISTRIBUTION. Russia (new record): Primorskii krai. – South Korea; Japan: Hokkaido, Honshu, Shikoku, Kyushu, Ryukyu, Tsushima, and Yakushima Islands; Taiwan (Inoue *et al.*, 1982; Yoshimoto, 1987; Kononenko *et al.*, 1998; Eda & Shikata, 2011).

REMARKS. The genus *Euplexidia* Hampson, 1896 consists of 21 species from Southeast Asia (Gyulai & Saldaitis, 2014). A single species, *E. angusta*, formerly identified as *Euplexia literata* (Moore, 1882) by Inoue *et al.* (1982), is distributed in South Korea and Japan. A specimen collected in the southern part of Primorskii krai is most likely a migrant and could have flown with winds from the southern part of the Sea of Japan basin.



Figs 1–6. Habitus (1–3) and genitalia (4–6) of Noctuid moths. 1, 4 – *Bertula spacoalis* (Walker, 1859), female from Primorskii krai; 2, 5 – *Orthosia aoyamensis* (Matsumura, 1926), male from Sakhalin Island; 3, 6 – *Euplexidia angusta* Yoshimoto, 1987, male from Primorskii krai.

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