

SHORT COMMUNICATION

Yu.A. Tshistjakov. To the knowledge of the clearwing moths (Lepidoptera: Sesiidae) of Shikotan Island. – Far Eastern Entomologist. 2011. N 224: 7-8.

Summary. A list of two species of Sesiidae collected in Shikotan Island is given. *Pennisetia pectinata* (Staudinger, 1887) is newly recorded from Kuril Islands. The description and illustration of female genitalia of *P. pectinata* are given.

Key words: Sesiidae, faunistics, Shikotan Island, Russian Far East.

Ю.А. Чистяков. К познанию стеклянниц (Lepidoptera: Sesiidae) острова Шикотан // Дальневосточный энтомолог. 2011. N 224. С. 7-8.

Резюме. Приведен список двух видов семейства Sesiidae, собранных на острове Шикотан. *Pennisetia pectinata* (Staudinger, 1887) впервые указывается для Курильских островов. Описаны и изображены гениталии самки *P. pectinata*.

INTRODUCTION

Only two species of the clearing moths (Sesiidae) have been recorded from Kuril Islands: *Pennisetia hylaeiformis* Lasp. from Kunashur Island (Gorbunov & Tshistjakov, 1995) and *Sesia yezoensis* Hamp. from Shikotan Island (Gorbunov & Tshistjakov, 1999). New for Shikotan species, *Pennisetia pectinata* Stgr., is found in the rather small material on Lepidoptera collected during International Kuril Island Project in 1998. The description and illustration of the female genitalia of *P. pectinata* are given below. Studied material is deposited in the collection of the Institute of Biology and Soil Science (Vladivostok).

LIST OF THE SPECIES

***Pennisetia pectinata* (Staudinger, 1887)**

Fig. 1

MATERIAL. 4♀, South Kuril, Shikotan Island: Otradnaya Bay, 12.VIII 1998 (A. Lelej leg.); Tzerkovnaya Bay, 14.VIII 1998 (A. Lelej leg.); Delphin Bay, 15.VIII 1998 (A. Lelej, S. Storozhenko leg.).

FEMALE GENITALIA. Papilla analis wide, rather short, trapezoid. Postapophysis long, near the same length as antapophysis. Antapophysis somewhat curved in basal third. Ostium bursa on intersegmental membrane between 7th and 8th abdominal segments. Antrum strongly sclerotized in caudal half, short, dilated upon ostium, strongly curved at middle. Ductus bursa long, two times longer than corpus bursa, densely and minutely granulated. Corpus bursa ovate, without signum.

DISTRIBUTION. Russia: Primorskii krai, south part of Sakhalin Island (Gorbunov & Tshistjakov, 1999), Shikotan Island (new record).

***Sesia yezoensis* (Hampson, 1919)**

MATERIAL. 1♂, 1♀, South Kuril, Shikotan Island: Delphin Bay, 15.VIII 1998 (A. Lelej, S. Storozhenko leg.).

DISTRIBUTION. Japan; Russian Far East: Primorskii krai, Sakhalin Island, Shikotan Island (Gorbunov & Tshistjakov, 1999).

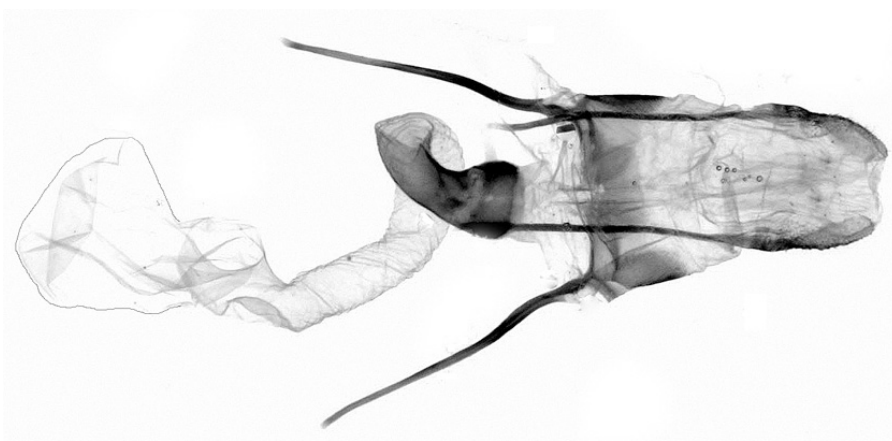


Fig. 1. *Pennisetia pectinata*, female genitalia, frontal view.

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