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**TWO HAWK MOTHS (LEPIDOPTERA: SPHINGIDAE)  
NEW FOR THE FAUNA OF LAOS**

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**Summary.** Two widely distributed in the Oriental region species of hawk moths, *Elibia dolichus* (Westwood, 1847) and *Neogurelca hyas* (Walker, 1856), are recorded from Laos for the first time.

**Key words:** Macroglossinae, Macroglossini, *Elibia*, *Neogurelca*, fauna, new records, Oriental region.

**В. М. Спицын, П. Д. Бурчаловская, Е. А. Спицына. Два новых для фауны Лаоса бражника (Lepidoptera: Sphingidae) // Дальневосточный энтомолог. 2022. N 456. С. 9-11.**

**Резюме.** Впервые для фауны Лаоса приводятся два широко распространенных в Ориентальной области вида бражников: *Elibia dolichus* (Westwood, 1847) и *Neogurelca hyas* (Walker, 1856).

**INTRODUCTION**

The Sphingidae is one of the most well-studied families of moths in the Oriental Region (Holloway, 1987; Inoue *et al.*, 1997). However, the checklists of hawk moth species for some countries are far from complete. In this study, we report on the first records of *Elibia dolichus* (Westwood, 1847) and *Neogurelca hyas* (Walker, 1856) from Laos. These species are common from India and Nepal to the Sundaland and the Philippines (Wang *et al.*, 1983; Holloway, 1987; Inoue *et al.*, 1997).

The moth's specimens were collected using ultraviolet lamp. The genitalia were dissected, mounted on temporary glass slides with 70% ethanol and photographed using a research stereomicroscope (AXIO Zoom.V16, Carl Zeiss, Germany). The genitalia are kept in a micro-tube with glycerin pinned to the specimen. The images of the specimens were taken with a Canon EOS 7D camera (Canon Inc., Tokyo, Japan). Studied specimens are deposited in the Russian Museum of Biodiversity Hotspots (RMBH), N. Laverov Federal Center for Integrated Arctic Research of the Ural Branch of the Russian Academy of Sciences, Arkhangelsk, Russia.

**NEW RECORDS**

**Subfamily Macroglossinae Harris, 1839**

**Tribe Macroglossini Harris, 1839**

Genus *Elibia* Walker, 1856

*Elibia dolichus* (Westwood, 1847)

Figs 1, 4

MATERIAL EXAMINED. **Laos:** Oudomsay Province, Oudomsay City, tropical forest with bamboo, 20°39'04"N, 101°58'18"E, 4–6.V 2016, 1♂, leg. V. Spitsyn (specimen voucher RMBH Shp0923).

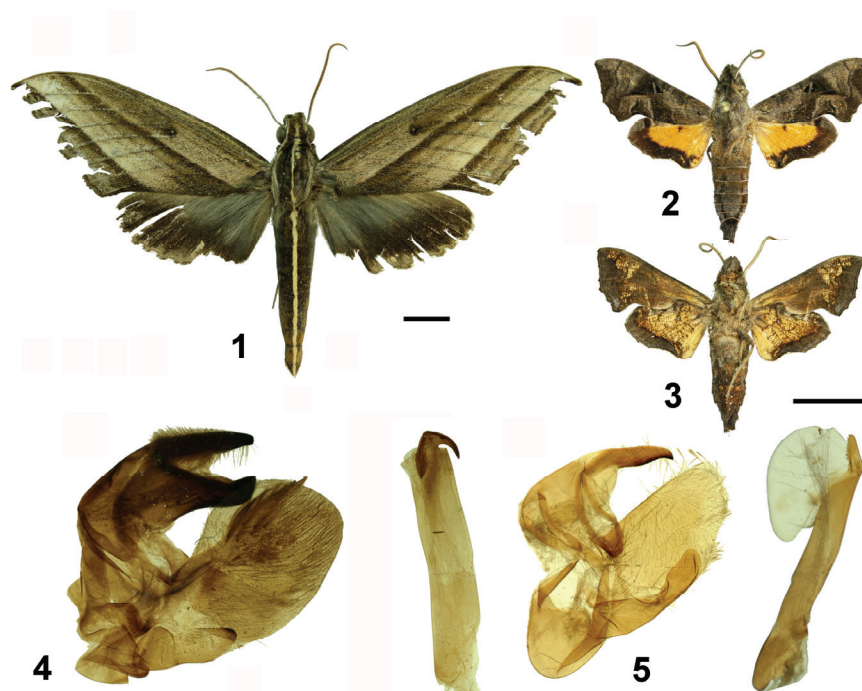
DISTRIBUTION. Laos (new record), Nepal, Northeastern India, Bangladesh, Thailand, Vietnam, China (Hainan Island), Malaysia, Indonesia (Sumatra, Borneo, Java), the Philippines (Palawan Island) (Wang *et al.*, 1983; Inoue *et al.*, 1997).

Genus *Neogurelca* Hogenes et Treadaway, 1993

*Neogurelca hyas* (Walker, 1856)

Figs 2, 3, 5

MATERIAL EXAMINED. **Laos:** Oudomsay Province, Oudomsay City, tropical forest with bamboo, 20°39'04"N, 101°58'18"E, 4–6.V 2016, 1♂, leg. V. Spitsyn (specimen voucher RMBH Shp0924).



Figs 1–5. Males of *Elibia dolichus* (1, 4) and *Neogurelca hyas* (2, 3, 5) from Laos. 1–3 – habitus: 1, 2 – dorsal view; 3 – ventral view; 4, 5 – male genitalia. Scale bars = 10 mm. (Photos by E.A. Spitsyna).

DISTRIBUTION. Laos (new record), India, Nepal, Bhutan, Myanmar, central and southern China, Taiwan, Southern Japan, Thailand, Vietnam, Malaysia (Peninsular), Indonesia (Sumatra, Java), Philippines (Wang *et al.*, 1983; Inoue *et al.*, 1997; Irungbam & Irungbam, 2019).

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