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NEW FAUNISTIC RECORDS OF TIGER-MOTHS IN WEST PAKISTAN (LEPIDOPTERA, ARCTIIDAE, ARCTIINAE)

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New Faunistic Records of Tiger Moths in West Pakistan (Lepidoptera, Arctiidae, Arctiinae). Gurko V. O., Inayatullah M., Mashwani M. A. — Four species were collected in Balochistan Province: *Axiopoena maura* (Eichwald, 1830), *Lacydes incurvata* (Ebert, 1973), *Utetheisa pulchella* (Linnaeus, 1758) and *Nebrarctia transversa* (Moore, 1879). *L. incurvata* is recorded from Pakistan for the first time. Distribution and systematic position of all mentioned species are discussed.

Key words: *Axiopoena maura*, *Lacydes incurvata*, *Utetheisa pulchella*, *Nebrarctia transversa*, Lepidoptera, Arctiidae, Pakistan, new records.

Новые данные о медведицах фауны Западного Пакистана (Lepidoptera, Arctiidae, Arctiinae). Гурко В. О., Инаятулла М., Машвани М. А. — На территории Пакистана (провинция Белуджистан) собраны четыре вида медведиц: *Axiopoena maura* (Eichwald, 1830), *Lacydes incurvata* (Ebert, 1973), *Utetheisa pulchella* (Linnaeus, 1758) и *Nebrarctia transversa* (Moore, 1879). *L. incurvata* для территории Пакистана приводится впервые. Уточнены ареалы распространения вышеупомянутых видов и их систематическая принадлежность.

Ключевые слова: *Axiopoena maura*, *Lacydes incurvata*, *Utetheisa pulchella*, *Nebrarctia transversa*, Lepidoptera, Arctiidae, Пакистан, новые данные.

Lepidoptera fauna of the territory at the border between Pakistan and Afghanistan remains one of the poorly studied areas in Eurasia. In 2005, the authors collected moths in the northern part of the Balochistan territory. Material is deposited in the collection of the first author.

Axiopoena maura (Eichwald, 1830)

Material. 9 ♂, 1 ♀, Pakistan, Balochistan, 50 km S of Zhob, 1200 m, 28.07–4.08, 2–11.09.2005 (Gurko leg.).

The species was recorded from Pakistan only once (as *A. fluviatilis* Swinhoe) from Quetta (Balochistan Province). In the revision of the genus *Axiopoena* Ménétries, Dubatolov (1989) studied male genitalia of its type specimen and found it to be conspecific with *A. maura* Eichwald. The species is widespread in Eastern Iran (Dubatolov, Zahiri, 2005). The authors (unpublished data), observed moths of this species during July and August, but all specimens from August were strongly damaged.

Lacydes incurvata (Ebert, 1973)

Material. 45 ♂, 1 ♀, Pakistan, Baluchistan, 50 km S of Zhob, 1200 m, 2–11.09.2005 (Gurko leg.)

This is the first record from Pakistan, and the second record since description. The species have been described from the southern slopes of the Spin Range in Paktia, South-Eastern Afghanistan, not far from the Pakistan border. The new locality is locat-



- — the localities (known earlier) of *Axiopoena maura* in Iran, Azerbaijan and Turkmenistan.
- ⊙ — the localities of *Axiopoena karelini* Münterz, 1863 in Iran, Azerbaijan and Turkmenistan.
- ★ — first record of *Axiopoena maura* in Pakistan.
- ▣ — the new find of *Axiopoena maura* in Pakistan.

Fig.1 The localities of *Axiopoena maura* and *A. karelini* in Iran, Azerbaijan, Turkmenistan and Pakistan

Рис.1 Местонахождения *Axiopoena maura* и *A. karelini* в Иране, Азербайджане, Туркменистане и Пакистане.

ed more than 300 km to the south. Probably, this species is distributed within the whole mountain area along the border between Pakistan and Afghanistan between Quetta and Peshawar.

Utetheisa pulchella (Linnaeus, 1758)

Material. 9 ♂, 10 ♀, Pakistan, Baluchistan, 50 km S of Zhob, 1200 m, 28.07–4.08.2005; 1 ♀, 10 km E. Ziarat, pass, 2570 m, 3.08.2005; 1 ♀, 50 km E of Ziarat, pass, 1480 m, 4–5.08.2005; 2 ♀, small mountain range S of Zhob, 2000 m, 10.08.2005 (Gurko leg).

One of the most widespread species in South-Western Asia. Swinhoe (1885) recorded this species from Quetta as *Deiopeia thyter* Butler.

Nebrarctia transversa (Moore, 1879)

Material. 9 ♂, 1 ♀, Pakistan, Baluchistan, 50 km S of Zhob, 1200 m, 28.07–4.08, 2–11.09.2005; 9 ♂, 10 km E of Ziarat, pass, 2570 m, 3.08.2005; 6 ♂, small mountain range S of Zhob, 2000 m, 10.08.2005 (Gurko leg).

The species is widespread in mountain territories from the Pamirs in Tajikistan through Afghanistan to North Pakistan (Dubatolov, 1996). The new record is the southernmost for the species. It was transferred to the genus *Nebrarctia* Watson, 1985 by Dubatolov (2005).

Discussion

Four species of the subfamily Arctiinae have been recorded in West Pakistan, two of them, *Axiopoena maura* and *Utetheisa pulchella* are widespread in Eastern Iran and Afghanistan; other two species, *Lacydes incurvata* and *Nebrarctia transversa* are common with the Afghanistan Arctiinae fauna only. All four mentioned species belong to the Palearctic fauna; no true Oriental or Paletropic species have been collected near Zhob. Taking into account distribution of the Oriental and Paletropic species in Iran (Dubatolov, Zahiri, 2005), an assumption might be offered that such species occur in West Pakistan further in the south, along the Makran Coast. So, we should state that the territory of Zhob belongs to the Palearctic Region.

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