

New species of genus *Tarsozeuzera* Schoorl, 1990 (Lepidoptera: Cossidae: Zeuzerinae) from Sulawesi Island

Новый вид рода *Tarsozeuzera* Schoorl, 1990 (Lepidoptera: Cossidae: Zeuzerinae) с острова Сулавеси

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KEY WORDS: Lepidoptera, Carpenter moths, Zeuzerinae, fauna, Indonesia, *Tarsozeuzera*.

КЛЮЧЕВЫЕ СЛОВА: Lepidoptera, древоточцы, Zeuzerinae, фауна, Индонезия, *Tarsozeuzera*.

ABSTRACT. The article describes a new species, *Tarsozeuzera prashkevitchi* Yakovlev **sp. n.** from the island of Sulawesi (Indonesia) — the fifth species of the genus reported from South-East Asia. The description is provided with a detailed diagnosis and illustrations.

РЕЗЮМЕ. В статье описан новый вид *Tarsozeuzera prashkevitchi* Yakovlev **sp. n.** с острова Сулавеси (Индонезия) — пятый вид рода, отмеченный в Юго-Восточной Азии. Описание снабжено подробным диагнозом и проиллюстрировано.

Introduction

The genus *Tarsozeuzera* Schoorl, 1990 includes six described species, widely spread in the tropics of the Old World. *Tarsozeuzera fuscipars* (Hampson, 1892) was reported from N. India, Myanmar, Laos, Borneo, Vietnam, Thailand, China (Yunnan, Hubei) [Arora, 1976; Yakovlev, 2014; Yakovlev et al., 2018]; *T. kochi* (Semper, 1896) is an endemic of Philippines (indicated for the islands Panay, Luzon, Negros, Palawan, Mindanao, Leyte, and Mindoro) [Yakovlev et al., 2018]; *T. livingstoni* Yakovlev, 2006 is found in Gabon, Congo, Cameroon, Cote d'Ivoire, Malawi, Kenya, Sierra Leone, Tanzania, Zimbabwe, Zambia [Yakovlev, 2011; Yakovlev, Murphy, 2013; Yakovlev et al., 2019a, b]; *T. miklukhomaklayi* Yakovlev, 2011 — in New Guinea; *T. ustjuzhanini* Yakovlev, 2011 — in South Africa (Kwa Zulu-Natal Prov.), and *T. vavizola* Yakovlev, 2006 — in S. Thailand.

During the examination of specimens in the entomological collection of the Natural History Museum, Lon-

don (later, NHMUK) the author found a small series of a species from Sulawesi, new to science. The description is given below.

Material and methods

Slides were photographed using an Olympus DP74 camera attached to an Olympus SZX16 stereomicroscope at Altai State University. The type material is deposited in NHMUK.

Taxonomical part

Tarsozeuzera prashkevitchi Yakovlev, **sp.n.**

Figs 1–3.

MATERIAL: **holotype**, ♂, Indonesia, Sulawesi Utara, Dumoga Bone NP, January 1985, Toraut base Camp, 200 m, 9.i.1985, J.D. Holloway, specimen photo number: 012832515, slide number: 010315543. **Paratypes**: 1 ♂, 1 ♀♀, [Indonesia], G. Paloe, Tampoe, West Celebes [Sulawesi], 2.700', Jan. 1937, (J.P.A. Kalis), specimen photo numbers: 012832479 (♂), 012832517 (♀), slide number: 010315510 (♂).

DESCRIPTION. Length of male fore wing 18–20 mm. Antenna bipectinate from base to half of length, distally not pectinate. Thorax on upper side covered with brown scales interspersed with white scales, laterally thin lines of light scales. Fore wing elongated, apically sharp, light-creamy, wide greyish-bluish portion medially, reticulated brown pattern along all wing edges. Hind wing significantly shorter than fore wing, light-creamy, sprayed with greyish scales, reticulated brown pattern along outer edge and in anal angle area.

Male genitalia. Uncus relatively short, gradually narrowing from base to apex, mastoid semicircular process apically; tegumen of medium size; valve wide, simple, edges even,

relatively short; gnathos arms very thin, ribbon-like; gnathos reduced; juxta trapezoidal with small leaf-like lateral processes; saccus semicircular, small. Phallus robust, short (slightly shorter than valve), slightly curved in basal third, longitudinal folds in distal third, large finger-like cornutus in dorsal part of vesica.

Female. Length of fore wing 33 mm. Antenna simple, not pectinate. Fore wing long, apically rounded. Wing pattern identical to that of male.

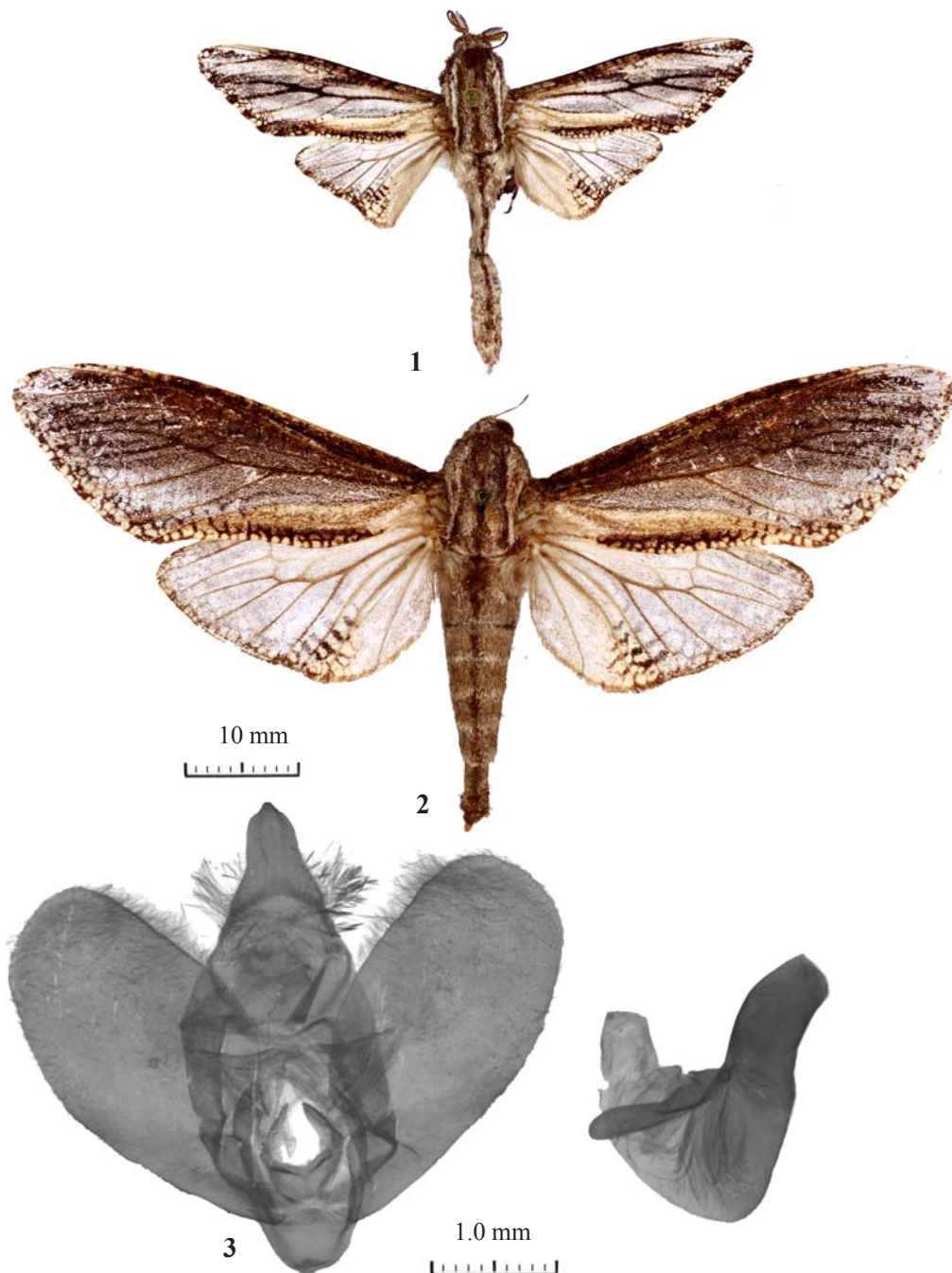
DIAGNOSIS. Among all species of the genus, externally

may be confused with *T. fuscipars* and *T. kochi*. Differs from the closest species in the following characters:

— *T. fuscipars* and *T. kochi* are slightly smaller (length of the male fore wing is 15–19 mm);

— *T. fuscipars* and *T. kochi* have more expressed brown pattern on the fore wing (especially along the rear edge of the wing);

— the valve in *T. fuscipars* and *T. kochi* is significantly narrower basally (in *T. prashkevitchi* **sp. nov.** the valve is wide, with even edges).



Figs 1–3. *Tarsozeuzera prashkevitchi* Yakovlev, **sp.n.**: 1 — habitus, holotype, ♂; 2 — habitus, paratype, ♀; 3 — genitalia of holotype (slide 010315543).

Рис. 1–3. *Tarsozeuzera prashkevitchi* Yakovlev, **sp.n.**: 1 — голотип, ♂; 2 — паратип, ♀; 3 — гениталии голотипа (slide 010315543).

ETYMOLOGY. The new species is named after the well-known talented Russian writer, Gennady Prashkevich (Novosibirsk).

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