

***Nematoproctus kubani* sp.nov. (Insecta, Diptera, Dolichopodidae)  
from Laos**

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OLEJNÍČEK J. 2002: *Nematoproctus kubani* sp.nov. (Insecta, Diptera, Dolichopodidae) from Laos. *Acta Musei Moraviae, Scientiae biologicae* (Brno) 87: 67–70. – *Nematoproctus kubani* sp.nov. (Insecta, Diptera, Dolichopodidae) is described from Northern Laos. It is possible to distinguish the new species from the single Oriental species known to date by the unforked cercus and by the yellow proboscis.

**Key words.** *Nematoproctus kubani* sp.nov., Dolichopodidae, Oriental region

*Nematoproctus* LOEW, 1857 is among the genera of the family Dolichopodidae that are poor in species. Only 5 recent species are recorded from the Palaearctic region, 7 species from the Nearctic region and, to date, only one species has been described from the Oriental region (FOOTE et al. 1965, DYTE 1975, NEGROBOV 1991). The genus has not been reported from the Neotropical, Afrotropical and Australian/Oceania regions (ROBINSON 1970, DYTE & SMITH 1980, BICKEL & DYTE 1999). The genus is known from Eocene/Oligocene Baltic amber (EVENHUIS 1994, 6 species) and, although recent species are not known, 1 species from Tanzanian Pleistocene/Holocene amber (EVENHUIS 1994). Holarctic males and Palaearctic females of this genus were keyed by STACKELBERG & NEGROBOV (1976).

In the material collected by Vít Kubáň in Laos I have found further undescribed species.

***Nematoproctus kubani* sp.nov.** (Figs 1, 2)

**Material examined.** Holotype, male: “LAOS-N, 24.iv.–16.v.1999, Louang Phrabang prov., 20°33–4’N 102°14’E, Ban Song Cha (5km W), ±1200m, Vít Kubáň leg.” The specimen is mounted on a minutia and deposited in the collections of the Entomological department of Moravian Museum Brno, Czech Republic.

**Description** (based on one male specimen). Body length 3.9 mm, wing length 3.6 mm.

**Head:** Frons metallic brown-green, shiny, fine granular. Face white, narrowing downwards, at its narrowest part as wide as the postpedicel high. Clypeus somewhat protruding. Palpus yellow with black bristles, proboscis yellow. Antenna brown, postpedicel shorter than it is high with obtuse point. Arista dorsal with very short microtrichiae, about as long as the head is broad. Occiput brown-green; postocular cilia black, in upper part in one row, in lower part in several rows.

**Thorax** brown with weak green tinge, slightly silvery-grey dusted. Acrostichals biseriate (5 pairs), 4 pairs of dorsocentrals. Thorax without prescutellar depression.

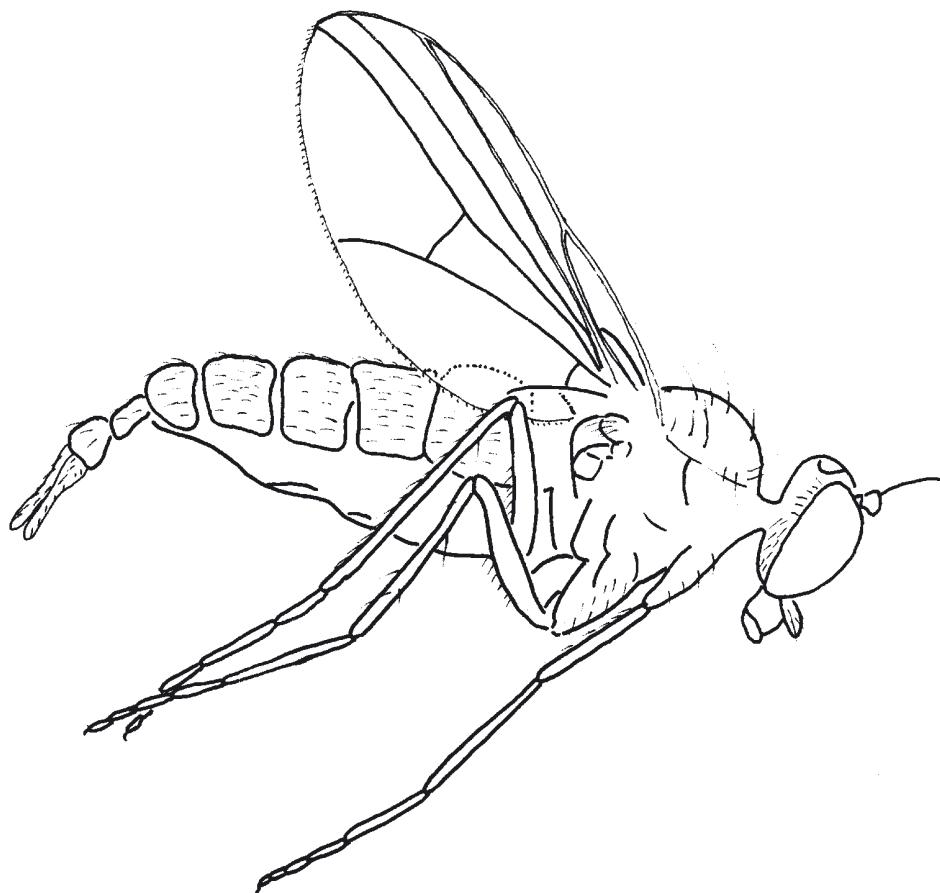


Fig. 1. *Nematoproctus kubani* sp. nov.: habitus.

Scutellum with 2 long and 2 short outer marginals. Pleura and coxae of the same colour as thorax, somewhat more densely dusted.

Legs: Fore-coxa with 4 longer and several shorter bristles. Femur light brown with about 20 anteroventral hairs, which are of the same length as the thickness of the femur. Tibia and tarsus yellow. Relative lengths of tibia: tarsomeres 1–5 = 25: 16: 6: 4: 3: 3. Mid coxa densely haired; femur light brown, somewhat paler apically with several longer ventral hairs on basal half and a short preapical bristle. Tibia and tarsomeres yellow, tibia with 2 anterodorsals, 1 dorsal and 2 posterodorsals. Relative length of mid tibia: tarsomeres 1–5 = 33: 22: 10: 7: 4: 4. Hind coxa with one bristle near the base. Femur yellow-brown without preapical bristle. Tibia with 1 anterodorsal and a row of shorter posterodorsals. Tibia and tarsus yellow. Relative length of tibia: tarsomeres 1–5 = 42: 10: 14: 9: 5: 4.

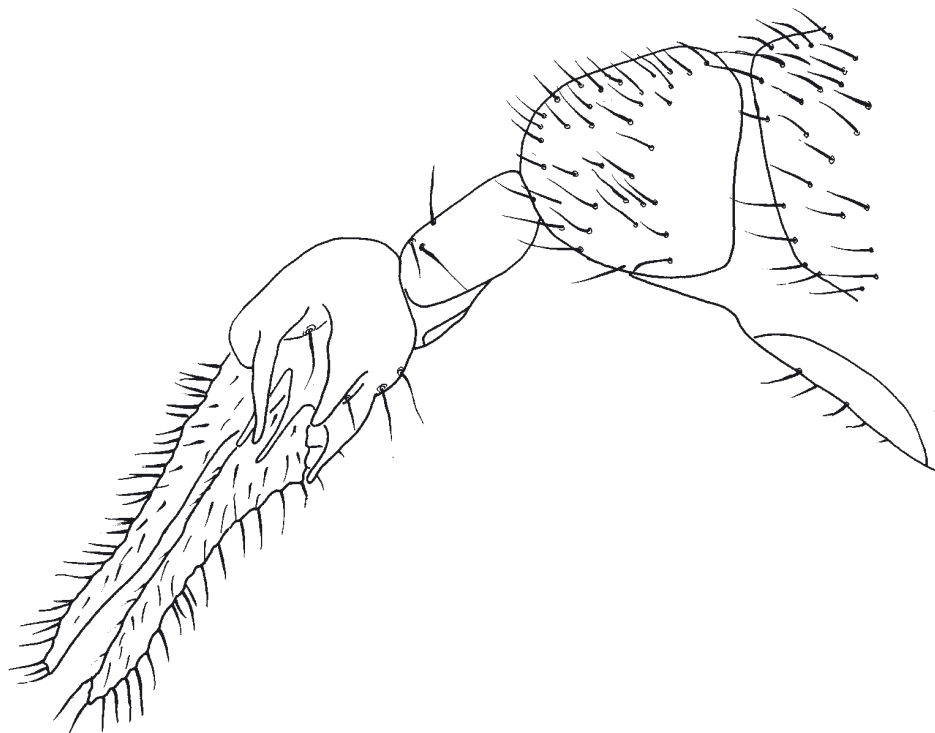


Fig. 2. *Nematoproctus kubani* sp.nov.: hypopygium.

Wing smoky brown, halter and squama yellow, the latter with black bristles.

Abdomen and hypopygium yellow-brown. Cerci brown, long triangle with dense hairs on whole surface (Fig 2).

Female: unknown.

**Derivatio nominis.** The new species is named after Mr. Vít Kubáň, who collected the material.

**Differential diagnosis.** The new species may be distinguished from *Nematoproctus javanus* DE MEIJERE, 1916, the only Oriental species to be described to date, by the following characters:

Proboscis black, cercus (DE MEIJERE 1916: Tab. 9, Fig. 9) filamental, at its base broadened and forked with short second branch. ....

..... *N. javanus* DE MEIJERE

Proboscis yellow, cercus not forked. .... *N. kubani* sp.nov.

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