

A NEW SPECIES OF THE GENUS
TRICHOLAUXANIA HENDEL (DIPTERA, LAUXANIIDAE)
FROM THE CAUCASUS

The genus *Tricholauxania* was proposed by Hendel (1925). Previously it included only a single species, *Tricholauxania praeusta* (Fallén, 1820), widely distributed throughout Northern and Central Europe from Lapland to Italy and to the Crimea. A new *Tricholauxania* species described below is recorded exclusively in the Caucasus. This new species was found by

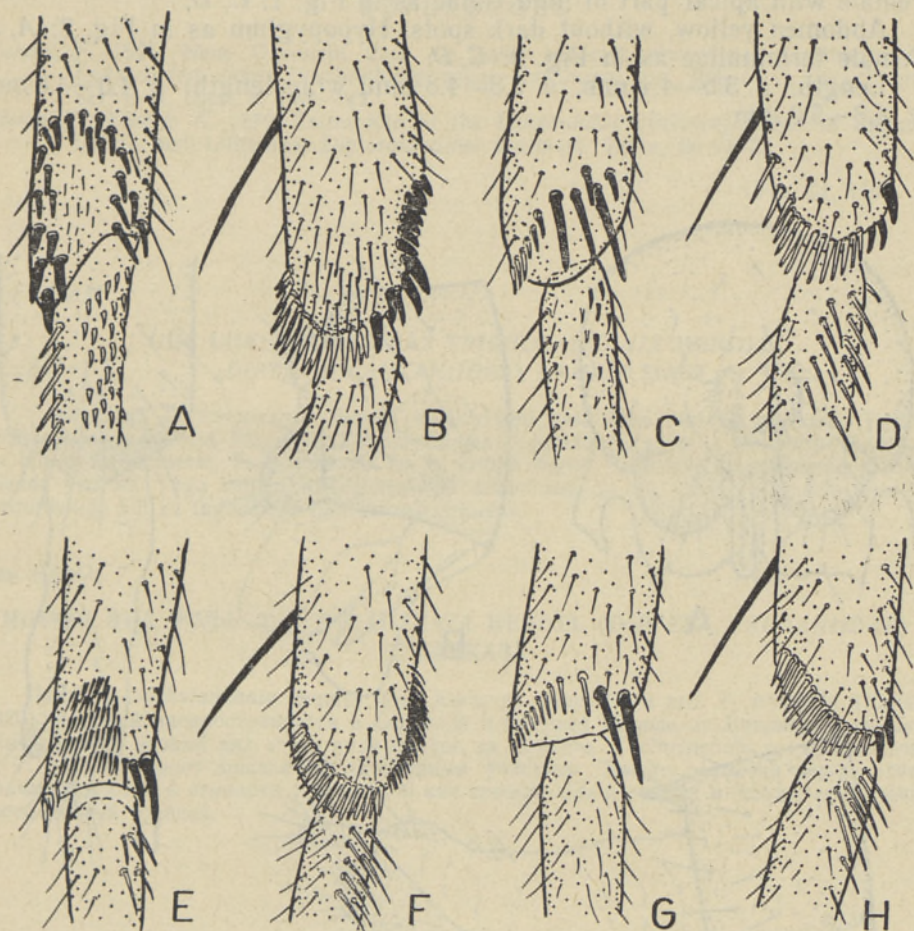


Fig. 1. A—D — *Tricholauxania claripennis* sp. n. A—B — apical part of male hind tibia: A — ventral view, B — posterior view; C—D — apical part of female hind tibia: C — ventral view; D — posterior view. E—H — *Tricholauxania praeusta* (Fallén): E—F — apical part of male, hind tibia: E — ventral view; F — posterior view; G—H — apical part of female hind tibia: G — ventral view, H — posterior view.

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studying the Lauxaniid collection of the Institute of Zoology of the Academy of Sciences of the USSR in Leningrad, and the entomological material in the Department of Zoology of Tartu University. I am grateful to K. B. Gorodkov, Cand. Biol., Leningrad, to H. Remm, Dr. Biol., Tartu, and to K. Elberg, Cand. Biol., Tartu, for their help with the loan of material and for their assistance in various other ways.

Tricholauxania claripennis sp. n. Head yellow, about three-quarters as high as wide. Orbital plates subshining; occiput, face, parafacials and genae white-pollinose. Antennae yellow, third segment about twice as long as high. Arista dark, short pubescent; its basal segment yellow; the side-hairs of arista not longer than the width of basal segment. Palpi blackish-brown on about apical half.

Thorax wholly yellow, subshining, slightly covered with whitish pollen. 1+3 dc; acr short, in two rows; 2 st. Wings evenly pale yellowish, entirely unpatterned; r_{2+3} with numerous hairs on underside. Halteres yellow. Legs totally pale yellow. Fore femur towards tip with an anteroventral row of minute spines. Male with apical part of hind tibiae as in Fig. 1: A, B. Female with apical part of hind tibiae as in Fig. 1: C, D.

Abdomen yellow, without dark spots. Hypopygium as in Fig. 2: A, B. Female terminalia as in Fig. 2: C, D.

Length: ♂ 3.5—4.4 mm, ♀ 3.8—4.8 mm; wing length: ♂ 4.0—4.8 mm, ♀ 4.3—5.0 mm.

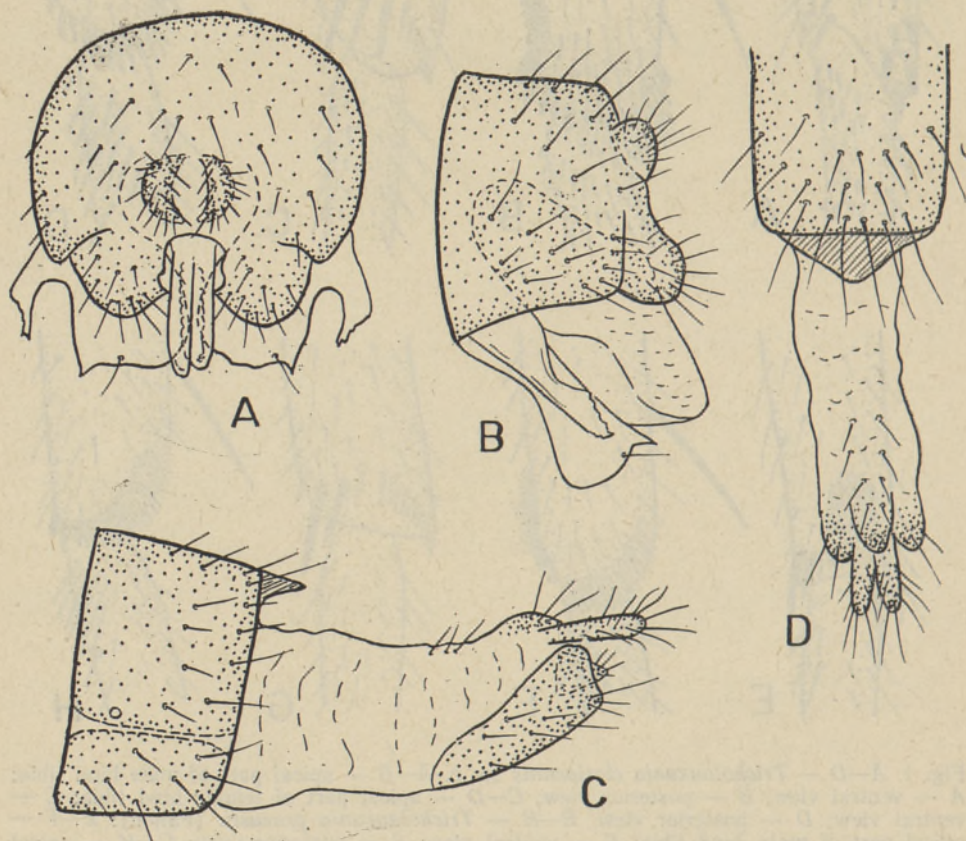


Fig. 2. *Tricholauxania claripennis* sp. n. A — hypopygium, caudal view, B — hypopygium, lateral view, C — female terminalia, lateral view, D — female terminalia, dorsal view.

Material: Holotype ♂ and paratypes 12 ♂♂ 6 ♀♀, Caucasus, Guzeripl, River Belaya, 4 VI 1935 (Deev); paratypes: 2 ♂♂ 1 ♀, Caucasus, Teberda Reserve, 6 VI 1964 (Gorodkov); 1 ♂, Caucasus, Arkhys, 12 IX 1965 (Gorodkov); 5 ♂♂, Caucasus, Pyatigorsk, Mashuk Mt., 13 VI 1964 (Gorodkov); 1 ♂ 1 ♀, Kusary, 30 V 1928 (Bogarnikov); 1 ♀, Caucasus, Sukhumi, 19 V 1966 (H. Remm). Holotype and majority of paratypes in the Institute of Zoology of the USSR Academy of Sciences, in Leningrad; 2 paratype (♂ and ♀ from Guzeripl and Sukhumi) in the Institute of Zoology and Botany of the Estonian Academy of Sciences, Tartu.

T. claripennis externally resembles *T. praeusta* but the latter distinctly differs in characters on the male and female terminalia (cf. Fig. 2, A—D and Remm, Elberg, 1979, Fig. 13, A—E), and on the apex of hind tibiae (Fig. 1, A—H). *T. claripennis* has entirely clear wings without even faintly infusate areas.

REFERENCES

- Hendel, F. 1925. Neue Übersicht über die bisher bekannt gewordenen Gattungen der Layxaniiden, nebst Beschreibung neuer Gattungen und Arten. — *Encycl. ent., Ser. B II, Dipt.*, 2, 103—142.
- Remm, E., Elberg, K. 1979. Terminalia of the *Lauxaniidae* (Diptera) found in Estonia, Latvia and Lithuania. *Dipteroloogilisi uurimusi*. Tartu, 66—117.

Feb. 21, 1991

Evi REMM

UUS LIIK PEREKONNAS TRICHOLAUXANIA HENDEL (DIPTERA, LAUXANIIDAE) KAUKAASIAST

Perekonnas *Tricholauxania* Hendel tunti senini vaid ühte liiki *T. praeusta* (Fallén, 1820), mis on levinud Põhja- ja Kesk-Euroopas Lapimaast Itaalia ja Krimmini. Uus liik on leitud Kaukaasiast. *T. claripennis* sp. n. erineb liigist *T. praeusta* tumenenud aladeta tiibade poolest. Väga selged liikidevahelised erinevused on nii isaste ja emaste isendite terminaalide kui ka tagasäärte tipmise osa ehituses.

Эви РЕММ

НОВЫЙ ВИД РОДА TRICHOLAUXANIA HENDEL (DIPTERA, LAUXANIIDAE) С КAVKAZA

Из рода *Tricholauxania* Hendel был известен лишь один вид *T. praeusta* (Fallén, 1820), который распространяется в Северной и Средней Европе от Лапландии до Италии и Крыма. Новый вид этого рода найден на Кавказе. *T. claripennis* sp. n. в отличие от *T. praeusta* имеет крылья без затемненных участков. Явные различия между этими видами имеются в строении терминалов как самцов, так и самок, а также апикальной части задних голеней.