

A new species of the genus *Callostoma* (Diptera: Bombyliidae) from Turkey

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Samenvatting. Een nieuwe soort van het genus *Callostoma* (Diptera: Bombyliidae) uit Turkije

Callostoma oezbeki sp. n. wordt beschreven uit Oost-Turkije. De soort wordt vergeleken met de aanverwante soorten en met *Cytherea dispar* Loew, 1873.

Résumé. Une nouvelle espèce du genre *Callostoma* (Diptera: Bombyliidae) de Turquie *Callostoma oezbeki* sp. n. est décrite de la Turquie orientale. Cette nouvelle espèce est comparée avec les espèces apparentées et avec *Cytherea dispar* Loew, 1873.

Key words: *Callostoma oezbeki* sp. n. – Bombyliidae – Turkey

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Specimens of the new species have hitherto only been found on the south-eastern slopes of the Süvarihalil pass near Hakkari and on the Kübbe pass near Malatya. The first specimens were collected in July 2004 and later on in July 2005 confirming the determination of a new species. The new species differs from other *Callostoma* spp. in lacking the typical alternating black and grey (whitish) bands on the abdomen and therefore it can be easily confused with some *Cytherea* such as *Cytherea dispar* Loew, 1873 which flies together with it.

Callostoma oezbeki sp. n.

Material: Holotype ♂, Turkey, Hakkari, Süvarihalil geçidi, 11-07-2004, 1800–2400 m, N 37°29'49,7" E 43°22'19,8". Paratypes: 3♂, Turkey, Hakkari, Süvarihalil geçidi, 11-07-2004, 1800–2400 m, N 37°29'49,7" E 43°22'19,8"; 9♂, Turkey, Hakkari, Süvarihalil geçidi, 18-06-2005, 1095 m, N 37°29'56,3" E 43°27'46,8"; 1♂ + 2♀ Turkey, Hakkari, Süvarihalil geçidi, 12-07-2004, 1300 m, N 37°30'59" E 43°22'21"; 1♂, Turkey, Malatya, Kübbe geçidi, 27-06-2004, 1300 m, N 38°16'56,8" E 38°31'42,0"; 3♂ + 3♀, Turkey, Hakkari, Süvarihalil geçidi, 15-07-2005, 1750 m, N 37°29'55,1" E 43°21'50,9", all specimens leg. Dils J. & Faes J., holotype and paratypes deposited in the Zoological Museum Amsterdam, some paratypes deposited in the Atatürk University and in coll. J. Dils (Stabroek, Belgium).

Male: Head: The proportion of the length of the proboscis with the height of the head is 27/19. The proportion; width of frons near to the ocellar tubercle to the head is 15/45. The gena, deeply grooved, covered with pure white hair like scales as is the whole face and frons. The pale hairs on those areas are white, becoming yellowish towards the ocellar tubercle where the hairs are brown. The occiput near the tubercle is covered with white hairs as long as scape and pedicel together, dense white scales along the eye margin. The antenna: proportion

flagellum / pedicel / scape = 39/9/14. Scape bearing white hairs and scales, pedicel shorter black hairs.

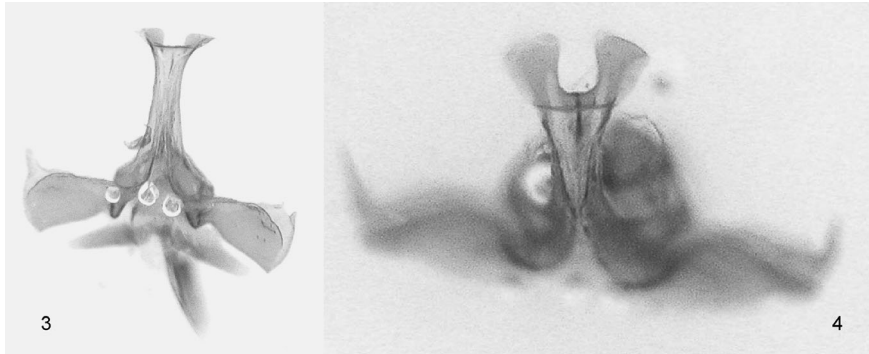
Thorax: Ground colour black, greyish pollinose, all bristles and erect hairs on mesonotum reddish-yellow, adjacent hairs white. All hairs and scales on scutum, pleurae, sterna and coxae white with an admixture of brownish scales. Hairs on mesopleuron long and bristle-like. Haltere with reddish stem and ivory knob.

Wings: The base of the wing as well as the middle, unlike other species of *Callostoma*, infuscated brown. The brown infuscation is sometimes somewhat mottled, darker along the veins (center of cells lighter brown).

Legs: Femora (F) Dark brown. F1 on the inside with 1 or 2 black bristles and adjacent white scales. F2 on the inside with 4 to 5 black bristles and adjacent white scales. F3 with 3 to 4 small black bristles dorsally at the apex and 4 to 5 somewhat longer on the outside and covered with adjacent white scales. Tibia and tarsi reddish yellow with black bristles, no pulvilli.



Figs. 1–2: *Callostoma oezbeki* sp. n., Holotype, Turkey, Hakkari, Süvarihalil geçidi, 11-07-2004, 1800–2400 m, leg. Dils J. & Faes J., coll. Zoological Museum Amsterdam.



Figs. 3–4: *Callostoma oezbeki* sp. n., paratype. 3.– gonoxoca; 4.– phallic complex.

Abdomen: Ground colour black, tergite (t1) with erect white hair, all others with reddish-yellow bristles on posterior edges and covered with white scales with an admixture of reddish-yellow ones. No alternating black and white bands. Sternites covered with white hair like scales.

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Female: Proportion frons/head width = 25/56. The female differs only in the colour of the hairs on the ocellar tubercle, which are reddish-yellow instead of brown.

Etymology: The species is named after Dr. Hikmet Özbek, hymenopterologist at the Atatürk Üniversitesi of Erzurum, because of his valuable assistance during several expeditions of the Flemish Entomological Society in Turkey.

Aknowledgment

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Reference

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