

Hilara bechevi spec. nov. from Bulgaria (Insecta: Diptera: Empididae)

With 7 Figures

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Abstract. From Bulgaria (Rhodopi Mts.), a new species of genus *Hilara* MEIGEN, *H. bechevi* spec. nov., is described as new for science.

Genus *Hilara* MEIGEN, 1822 is known by twenty-three species in Bulgaria (eight species from Rhodopi Mts.). By the study of materials from Rhodopi Mts., a new species of this genus was established.

Hilara bechevi spec. nov.

Male. Length: Body 2.8–3.6 mm, wing 3.8–4.2 mm.

Head: Occiput unicolorous black. Postocular bristles long black. Frontal and ocellar bristles almost equally long, face black. Palpi yellowish-brown, covered with long black bristles, one of these is conspicuously long. Proboscis shorter than head is high. Antennae brownish-black, style about as long as the third antennal segment.

Thorax: Black, shining. Mesonotum shining black, with several grey spots. Pronotum with single bristle on each side. Humeral, intrahumeral and posthumeral bristles not differentiated. Notopleural depression with 2–3 longer bristles. One long prealar bristle, one long supraalar and two long postalar bristles. Acrostichals and dorsocentrals very short. Acrostichals former irregularly tri- to quadriserial. Dorsocentrals uniserial. Scutellum greyish-black, with four black bristles.

Legs: Fore coxae yellowish-brown, mid and hind coxae brownish-black. All femora and tibiae yellowish-brown, tarsi brownish-black. Fore metatarsus conspicuously swollen, cylindrical, about as long as $\frac{2}{3}$ of fore tibia, covered with short pubescence. Fore tibiae slender, covered with long hairs and with one long preapical bristle. Fore femora slender, with long hairs and with a single distinct preapical bristle laterally. Mid tibiae slender, with long hairs and with a single distinct preapical bristle laterally. Mid tibiae slender, covered with black adpressed hairs. Hind tibiae slender, covered with a row of 4–5 little longer bristles at posteriorly. Mid and hind femora slender, with equally long hairs, but mid femora with a long bristle postero-ventrally and with two bristles on basal half anteriorly.

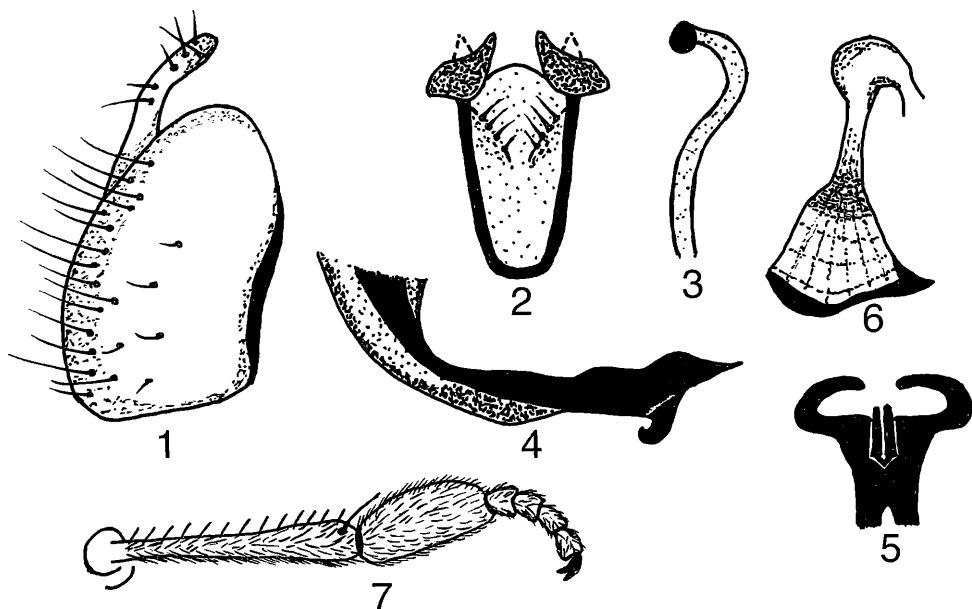
Wings: Clear, with very indistinct brownish stigma, veins dark. Costal bristle and costal ciliation long. Posterior wing-margin with pale fringes. Squamae black, with pale fringes. Halteres dark-brown.

Abdomen: Black, shining, with pale hairs. Hypopygium $\frac{1}{4}$ length of the rest of abdomen. Gonopods with black longer hairs.

Male genitalia: Figs. 1–6.

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Figs. 1–7: *Hilara bechevi* spec. nov., male: 1 – right gonopod; 2 – epandrium in anterior view; 3 – right paramera; 4 + 5 – hypandrium; 6 – base and apodema of penis; 7 – right fore leg.

Differential diagnosis: This species belongs to the *H. maura* group, but may be at once recognized by the grey spots on mesonotum, four scutellar bristles and by the structure of genital details. Also *H. miriptera* STRAKA has four scutellar bristles, but this species has simple fore metatarsus.

Etymology: This species is named in honour of Dr. DIMITAR BECHEV.

Female: Unknown.

Type locality: Bulgaria, Rhodopi Mts., v. Hrabrino.

Type material: Holotype male, Bulgaria, Rhodopi Mts., v. Hrabrino (S of Plovdiv), 02.07.1995, leg. DZHAMBAZOV (in author's collection). Paratypes: 2 males from same locality and date (in author's collection).

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Artikel/Article: [Hilara bechevi spec. nov. from Bulgaria \(Insecta: Diptera: Empididae\) 327-328](#)