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## **Dicraeus valkanovi n. sp., a New Species of Chloropidae from Bulgaria**

(Diptera)

With 8 Figures

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The author described a new *Dicraeus* species found at the Bulgarian Black sea coast.

### ***Dicraeus valkanovi* n. sp.**

Head dorso-ventral flattened with projecting frons, antennae and palpi yellow, 2 p npl, pleura dusted.

♂. Head longer than high, dorso-ventral flattened. Face yellow with large facial carina (Figs. 2-3) on the upper part. Antennae yellow,  $ant_3$  outside and on the upper front part yellow-brown; ar brown with short hairs,  $ant_2$  with a short dorsal bristle. Vibrissal angle obtuse, rounded. Jowls yellow or yellow-brown, approximately as broad as  $ant_3$  (Figs. 2, 3).  $Pst_m$  and  $vi$  black. Palpi small, yellow, clypeus black, proboscis brown. Eyes egg-shaped, hairless with almost horizontal long axes. Frons projecting (Figs. 2, 4), about 1,25 x longer than wide, in the first  $2/3$  yellow, the back  $1/3$  brownish. Frontal triangle brown, dusted, forward reaching as far as middle of the frons. Hairs and bristles dark: 4-5  $orb$ , 5-6  $if$ ,  $oc$  and  $poc$  convergent,  $pti$  almost as long as  $vte$ . Thorax black-brown. Mesonotum, notopleura, scutellum and the convex parts of the pleura grey dusted; the concave parts of the pleura black shining. Scutellum rounded, convex. Bristles typical for the genus with 2 p npl. Wings clear, costa reach the top of  $M_{1+2}$ ;  $M_{1+2}$  and  $R_{4+5}$  divergent,  $ta$ - $tp$  about twice as longer as  $ta$  (fig. 1). Legs with black coxae and  $f_{1-3}$ ,  $t_{1-2}$  and the first 3 tarsal joints yellow,  $t_3$  black with both ends yellow, the last two tarsal joints brown.

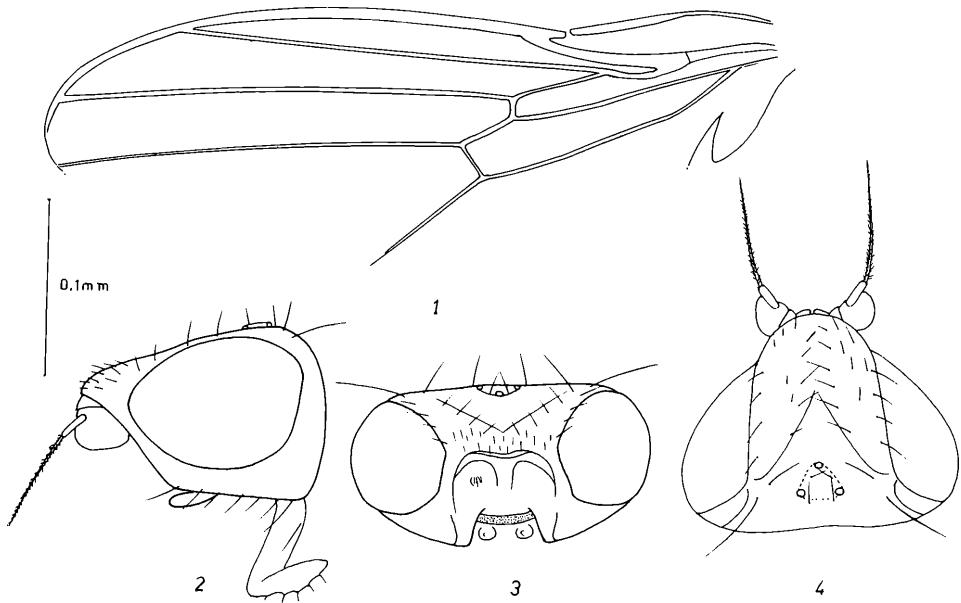
Abdomen yellow with dark hairs and brownish middle spots. The fifth tergit and epandrium brown. Surstylus and cerci long (Figs. 5-6). — Length: 2,4 mm.

The ♀ looks like male but the coloration is more brown; costa not reach  $M_{1+2}$ . Ovipositor: Figs. 7-8. — Length: 2,7 mm.

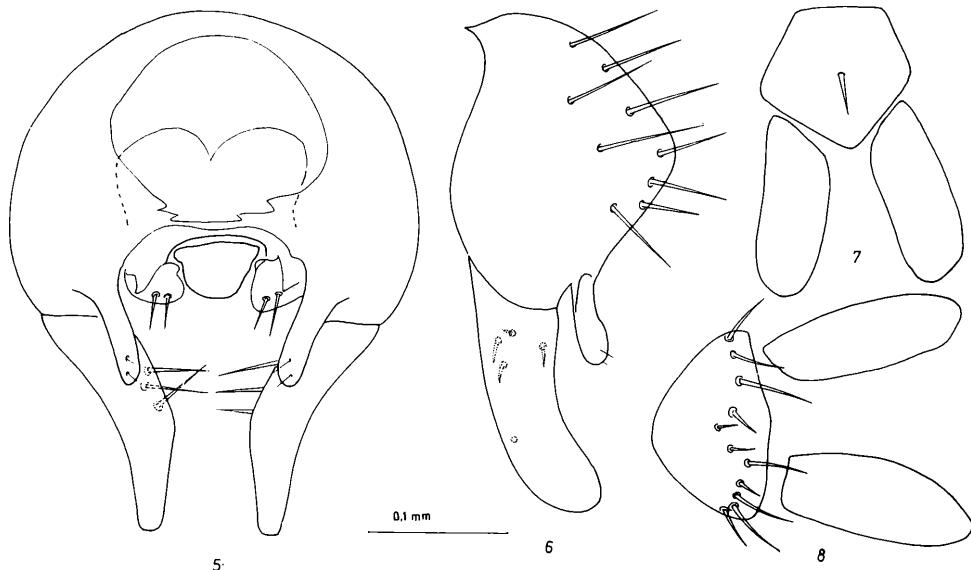
Material Two specimens from the Bulgarian Black sea coast. Holotype 1 ♂, locality „Raiski zaliv“ south of Sozopol, in grass, 26.05.1978; paratype 1 ♀, the vicinity of the cape Galata, south of Varna, 30.05.1967, in grass. The material is preserved in the author's collection in the Institute of Zoology, Bulgarian Academy of Sciences.

*Dicraeus valkanovi* n. sp. is well distinguished from the other *Dicraeus* species by the dorso-ventral flattened head and more projecting frons. It is similar to *D. tibialis* MACQ. in the dusting of the pleura and to *D. nigropilosus* BECK. in the black hairs of the abdomen. From the both species *Dicraeus valkanovi* n. sp. is well distinguished by the shape of the head and male and female genitalia.

*Dicraeus valkanovi* n. sp. is named after the deceased Bulgarian zoologist Prof. A. VALKANOV on the occasion of his ten years death anniversary.



Figs. 1–4. *Dicraeus valkanovi* n. sp. 1: Wing; 2–4: Head, 2: lateral, 3: frontal, 4: dorsal view.



Figs. 5–8. *Dicraeus valkanovi* n. sp. 5: Epandrium, apical view; 6: The same, lateral view; 7 Ovipositor, dorsal view; 8: The same, ventral view.

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