

A New Species of *Ischiolepta* (Dipt., Sphaeroceridae)

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When studying the Sphaerocerid material of the Hungarian Natural History Museum, I found a fly species relegable to the genus *Ischiolepta* LIOY. Though similar to the species *I. vaporariorum* HAL., it differs by several conspicuous features. I consider the differences so characteristic that they can, in my opinion, be evaluable at the specific level.

Ischiolepta oedopoda sp. n. ♂ /Fig. 1/

Description: Total body length 1.8 mm, black, subshiny. Head black, without distinct setae, resembling *vaporariorum* HAL.; length 0.39 mm; frontal width 0.30 mm; compound eye spherical, length 0.21 mm, width 0.18 mm, height 0.20 mm; genal length 0.20 mm; antennal length 0.13 mm, arista straight, its length 0.41 mm. Thorax black, hardly shiny, the verrucose setae similar to those of *vaporarium*, but the spiniform bristles of the humeral protuberance are more robust. Acrostichals in \pm 4 rows. Scutum length 0.50 mm, thoracic width 0.59 mm; scutellum rectangular, length 0.17 mm, width 0.34 mm, with 7 asymmetrically placed marginal tubercles. Legs black, except fore coxa, with its inner surface yellowish brown, externally slightly darker. Length of fore femur 0.47 mm, width 0.18 mm, thickness 0.16 mm, its short thick spines more robust than in the related species, especially on the anterodorsal surface, carrying some reclinate but projecting longer and thicker spines resembling those of a rose. Length of fore tibia 0.46 mm long. Middle femur 0.44 mm long, 0.12 mm wide, middle tibia 0.41 mm long. Hind femur 0.75 mm long, 0.29 mm wide, 0.20 mm thick, its spines also more robust

than in *vaporariorum*. Hind tibia 0.62 mm long, with a 0.08 mm long arcuate, black, ventro-apical spur. Basitarsus 0.16 mm long. Wing greyish with brown veins. Alar measurements: length 1.49 mm, width 0.66 mm; Cs 1 = 0.22 mm; Cs 2 = 0.76 mm; Cs 3 = 0.31 mm; Cs 4 = 0.22 mm; Rs 1 = 0.14 mm; Rs 2 = 0.96 mm; ACV = 0.04 mm; PCV = 0.10 mm; Ms 2 = 0.16 mm; Ms 3 = 0.33 mm; Ms 4 = 0.69 mm; Ds 5 = 0.20 mm. Halteres light brown. Abdomen black, similarly to other body parts, 0.92 mm long, 0.71 mm wide. Apart from those discussed in the diagnosis, I found no other specific characteristics on the abdomen.

Holotype ♂: Csévharaszt /Com. Pest/, Hungary, 12 May 1969, leg. L. PAPP, deposited in the Hungarian Natural History Museum, Budapest.

The holotype is in a rather bad state of preservation. The abdomen of the animal, pinned on a minutia pin, has been detached and the right wing and hind pair of legs are missing. However, the complete abdomen and the left hind leg are glued on a label pinned below the specimen, thus a complete description could still be made.

I. oedopoda sp.n. is closely related to *I. vaporariorum* HALIDAY, 1836, but distinguished from it by the following characters: On the side of the fore coxa looking towards the pleurae there are some long /about 0.09 mm/, light, slightly sinuously curved, stronger bristles. On the ventral part of the sternopleura, evenly distributed straight bristles of a similar length but more rigid in appearance emerge. In *vaporariorum*, these bristles occur more sparsely and considerably less uniformly both as to distribution and strength. The legs, especially the fore and hind femora, are conspicuously thicker than in *vaporariorum*; the fore femur being more or less vesiculate in shape. Adjacent to the posterior margin of the sternites, two long, thick apically truncate and reclinate bristles appear /Fig. 1/; they are definitely more robust than those of the related species, especially if compared with the other bristles borne on the sternites. Some smaller differences are present also in the shape of the male genital organ.

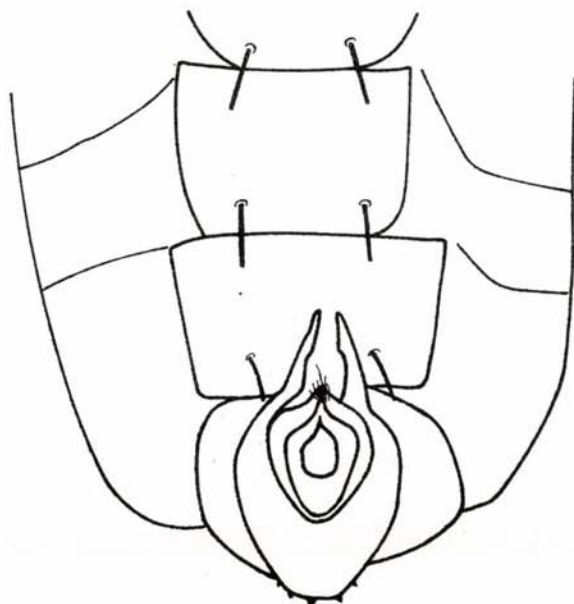


Fig.1.

Ventral view of postabdomen of *Ischiolepta oedopoda* sp. n. ♂

Új *Ischiolepta*-faj Magyarországról (Dipt., Sphaeroceridae)

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A szerző a Természettudományi Múzeum Sphaeroceridae-anyagából az *Ischiolepta oedopoda* sp. n.-t írja le. Az új faj legközelebbi rokonától az *Ischiolepta vaporariorum* HAL.-tól főleg abban tér el, hogy az elülső csipők alsó oldalán hosszú, enyhén hullámosan hajlott, erősebb szőrök ülnek, ill. a sternopleura alsó részén egyenletesen elhelyezkedő, hosszú, egyenes szőrök vannak; lábai, főleg a combok, a rokon fajokéinál is erősebben vastagodtak.

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