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Cetema obliqua sp. n., a New Species of Chloropidae from Southeast Europe (Diptera)

With 4 Figures

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Sofia

Cetema obliqua sp. n.

M a l e. External view like *C. elongata* MEIGEN but with obliquely cut tips of paralobus (fig. 1). Head yellow. Antennae yellow; 3rd antennal joint rounded, a little higher than long, from above and on the front dark-brown; arista black-brown. Frons narrower in front, with brown hairs. Frontal triangle shining brown. Occiput dark-brown. Jowls narrower than 3rd antennal joint. Vibrissal angle rounded. Posterior procurved and convergent, shorter than *pte* and *pti*. Proboscis and palpi yellow.

Thorax with black-brown shining and granulated mesonotum with faint linear depression along the *dc* lines, with brownish hairs. Scutellum rounded, yellow, black at the sides. Pleura yellow with black-brown shining spots. Humerus yellow with dark spot, without distinct *h*.

Wing membrane colourless with yellow-brownish veins. C_2 about 1,5 times longer than C_3 . Halteres yellow.

Legs yellow; only apical half of the 1st tibia, 1st tarsus and the last 2 joints of the 2nd and 3rd tarsi brownish; 2nd tibia with apical spur. Bristles: 2 *p npl*, 1 *sa*, 1 *dc*, 2 *ap sc*, lightly convergent, and small *la sc*.

Abdomen black-brown, slightly shining with dark hairs. The 5th tergit longer than others. Hypopygium looks like this of the *C. elongata* but paralobus with obliquely cut tips (fig. 1), with almost parallel sides; laterally the epandrium height bigger than its length (fig. 2); paralobus shorter than edyta (fig. 1, 2).

Length about 2,5–3,0 mm.

F e m a l e indistinguishable from those of the *C. elongata*.

M a t e r i a l s t u d i e d Holotype – ♂, locality "Predela", Pirin mountain, 18.06. 1975, 900 m above sea-level; paratypes – 1 ♂, Plana mountain, 15.06.1973; 2 ♂♂, Vitosha mountain, village Jeleznitsa, 1.07.1979; 1 ♂, Burgaski mineralni bani, near Burgas, 26.05.1973; 1 ♂, Rhodope mountains, peak Snejanka, 24.07.1977 Hungary: 14 ♂♂ from different parts of the country.

Cetema obliqua sp. n. is closely related to *C. elongata* MG., but is distinguished in the shape of the paralobus: these of the *C. obliqua* sp. n. are with almost parallel sides and obliquely cut tips, shorter than surstyli (fig. 1, 2); those of the *C. elongata* being conical, tapered, a little longer than surstyli (fig. 3, 4).

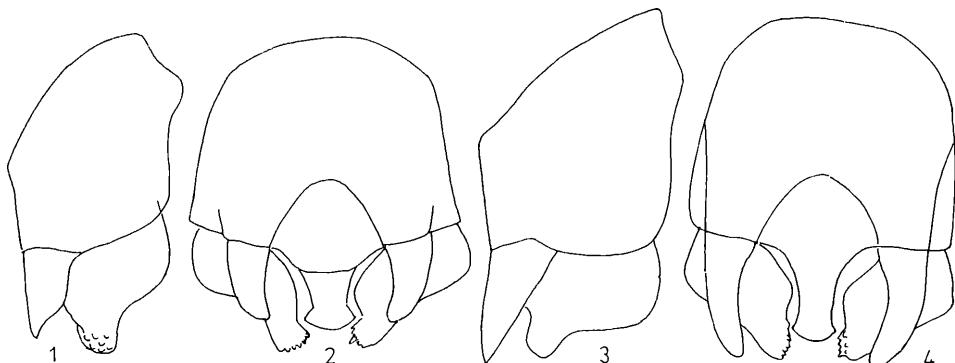


Fig. 1-4. 1+2: *Cetema obliqua* sp. n.; 3+4: *Cetema elongata* MEIG. 1+3: Epandrium with paralobus and surstyli, lateral view; 2+4: the same, apical view.

Distribution Bulgaria and Hungary. Probably wide-spread together with *C. elongata*, with that it is mistaken up to now.

The Material from Bulgaria is preserved in the author's collection in the Institute of Zoology, Bulgarian Academy of Sciences, Sofia; those from Hungary in the Zoological Department of the Hungarian Natural History Museum, Budapest.

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