

A NEW CULICID GENUS RELATED TO CORETHRA.

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The genus *Corethra* was founded by Meigen in 1803,* on *Tipula culiciformis*, De Geer, and in April, 1844, Loew erected the genus *Mochlonyx*,† on *Corethra velutina*, Ruthe, basing it on the shortened first joint of the tarsi, a character mentioned by Ruthe in his original description. The characters of the tarsi of *culiciformis* cannot be ascertained from De Geer's description and figures.‡ On page 386 of the same volume of his Memoires, which contains the account of this species, is a description and brief account of a related species, which he named *Tipula crystallina*, with a reference to Reaumur's Memoires, V., plate 6, figures 4-15, where, at 4 and 7, a more slender larva without a trace of a subanal respiratory tube is shown, contrasting with the broader larva furnished with a large respiratory tube, as represented in De Geer's figures of *culiciformis*; the descriptions and figures which these authors give of *crystallina* do not indicate the characters of the tarsal joints of the adult. Thus matters stood at the time that Loew erected his genus *Mochlonyx*, and continued so until the year 1883.

In that year Dr. Fr. Meinert, of Copenhagen, published the results of his breeding of the adults from these two forms of larvæ,§ asserting that the tubeless larva of *crystallina* produced an adult with elongated first tarsal joints as in *Corethra* in the sense of Loew, whereas the adult bred from the larva of *culiciformis* had the very short first tarsal joints of *Mochlonyx*. Some of the adults last mentioned were submitted to V. von Röder, of Hoym, Germany, an experienced dipterologist, who confirmed their reference to *Mochlonyx*,|| adding that, with the exception of having the hairs on the abdomen and legs shorter, they are identical with Ruthe's species, two specimens of which were in his collection, received from Ruthe himself. It seems very certain, therefore, that the type species of

*Illiger's Magasin, II., p. 260. †Ent. Zeit. Stettin, p. 121. ‡Memoires, VI., p. 372, pl. 23, figs. 3-12. §Overs. Kon. Danske Vid. Selsk. Forh., pp. 1-17, and Resume, pp. 7-11. ||Entom. Nach., July, 1885, p. 217.