

A NEW MOSQUITO FROM UGANDA.

BY H. F. CARTER.

*Assistant Entomologist to the Liverpool School of Tropical Medicine.***Culiciomyia (?) insignis** sp. n.*Characters seen under pocket lens* × 16.

Head black with pale scales; palpi black; proboscis black. Thorax and scutellum purplish brown. Abdomen black, with curved apical bands on the second, third, fourth and fifth segments and with lateral apical spots on the fifth, sixth and seventh segments. Legs black, unbanded.

Microscopical characters.

Head black, with white flat scales laterally and creamy white, narrow curved scales in the centre and extending towards the nape; many upright forked scales are also present over the whole surface, the lateral posterior ones being somewhat narrower and black, the rest being broader and with pale apices; a few dark bristles project between the eyes. Clypeus deep brown, almost black. Palpi and proboscis black. Antennae pale brown. *Thorax* uniformly purplish brown, clothed with narrow curved scales of a rather lighter colour; on the anterior margins are several white, curved scales; in the centre is a dark line running almost to the scutellum; on either side of this line and about half way between it and the margins is a single row of bristles; there are also some rather stronger bristles irregularly arranged along the margins, but more numerous over the wing-roots. Scutellum with similar colouring to that of the thorax, the mid lobe with six bristles and the lateral lobes with four. Metanotum dark brown. Halteres with pale stems, thickly covered with pale scales, the apices with small dark flat scales. *Abdomen*—first segment black, bare, except for two small median patches of dark flat scales and a number of golden bristles, most of the latter arising more or less in the centre and spreading out laterally; second and third segments with black scales and very marked apical curved white bands not quite reaching to the lateral margins; fourth segment similar, but the band just reaching the edges; fifth also similar but having in addition small apical lateral spots; sixth and seventh with apical, lateral, spots only; last segment black; venter mostly pale scaled. *Legs* almost black, unbanded; femora pale ventrally. *Wings* with the veins clothed with brownish scales; the median ones on the subcosta and first longitudinal vein being very broad, those on the other veins as in *Culex*; the lateral scales on all the veins short with blunt apices, somewhat resembling those of



Fig. 1.
Culiciomyia insignis Carter.
Abdomen of female.

Taeniorhynchus, but smaller; fork cells of moderate size, the first posterior cell longer but not narrower than the second submarginal, its stem half the length of the cell; stem of second submarginal two-thirds the length of the cell; the anterior cross vein slopes towards the apex of the wing: the mid cross vein situated about twice its own length from the posterior cross vein.

Length 4 mm.

UGANDA: Entebbe, 5. vi. 1910. (Dr. C. A. Wiggins). Type ♀ in the British Museum.

Described from a single female, the head of which is unfortunately denuded round the eyes; it is therefore somewhat difficult to determine its true generic position, but owing to the characters of the wing scales and its general appearance, it agrees best with the genus *Culicomyia*. The species itself is easily recognised by the marked abdominal ornamentation and the dark unbanded legs.



Culicomyia insignis. Carter.

- a. Cross veins
- b. Scales on 3rd longitudinal vein.
- c. Scales on subcostal vein.
- d. Scales on first longitudinal vein.

24th November, 1910.