

FIVE NEW CULICIDÆ FROM THE WEST INDIES.

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Stegomyia mediovitata, n. sp.—Proboscis black, unmarked, palpi black scaled, in the male the bases of the joints white scaled, in the female only the apices of the joints are white; inner side of first antennal joint white scaled, scales of occiput black, a median line of white ones, those on the sides yellow and white. Thorax brown scaled, a median line of white ones, which is divided into two branches on the posterior fifth of the mesonotum; on either side of this line is a stripe of dark brown scales, followed by a line of light yellow scales, which become whitish on the posterior portion of the mesonotum; a broadly interrupted line of white scales midway between this line and the insertion of the wing, and a similar line just above this insertion, a spot of white scales on the humerus, and several similar spots on the pleura; scutellum with a spot of white scales on each of its three lobes. Abdomen black scaled, with a bluish reflection, a spot of white ones near base of sides of the last four segments, and a few white scales at apex of the last segment. Legs black scaled, a line of white ones on anterior and posterior sides of each femur, a spot above middle of anterior side of each tibia, the base of the first two joints of the front and middle tarsi and the base of each joint of the hind ones white scaled; tarsal claws of the female simple, those of the front and middle tarsi of the male with one tooth under one of the claws, none under the other, claws of the hind tarsi simple. Wings hyaline, the scales black. Length about 3 mm.

San Domingo, West Indies. Thirty-four specimens, collected by Mr. August Busck. Type No. 9138, U. S. National Museum.

Stegomyia Busckii, n. sp.—Proboscis and palpi wholly black, no white scales on the first antennal joints, scales of occiput brown, a median stripe of yellow ones, changing to white anteriorly, the sides of occiput bordered with white ones, the lower half largely yellow scaled. Thorax brown scaled, a median pair of widely-separated yellow scaled lines on the anterior three-fourths of the mesonotum, and between each of these and the adjacent wing is a line of similar scales on the posterior half, an interrupted line of white scales toward the sides of the mesonotum, and several spots on the pleura; scutellum brown scaled, and with a median stripe of white ones. Abdomen black scaled, with a tinge of bronze; venter yellow scaled, and with a lateral spot of white scales on the last three segments. Legs black scaled, those on under side of femora pale

yellow, a dot of white scales at apex of each femur and tibia, bases of first three joints of the hind tarsi white scaled; tarsal claws in both sexes as in *mediovittata*. Length about 3 mm.

San Domingo, West Indies. A female and two males, collected by Mr. August Busck, after whom this handsome species is named. Type No. 9139, U. S. National Museum.

Taniorhynchus palliatus, n. sp.—Proboscis wholly black scaled, palpi mixed black and yellow, occiput and mesonotum golden-yellow scaled, a large spot on posterior half of mesonotum almost devoid of scales (rubbed?), pleura with several spots of whitish ones. Abdomen black scaled, with a strong tinge of purple, a spot of yellow scales at bases of the third and fourth segments, and of white ones at base of each of the following three segments, a patch of white scales in the outer front angles of each segment; venter black scaled, and with a median stripe of yellow ones on the first four segments. Legs black scaled, those on the under side of each femur yellow; a spot of white scales at apex of each femur; base of first joint of each tarsus white scaled; tarsal claws simple. Wings hyaline, scales brown, narrow-lanceolate and linear intermixed. Length about 3 mm.

Trinidad, West Indies. A female collected by Mr. F. W. Urich. Type No. 9140, U. S. National Museum.

Melanoconion Urichii, n. sp.—Proboscis and palpi black scaled, occiput yellow scaled. Thorax thinly black scaled, the median part of the posterior half chiefly yellow scaled, the bristles on this part and on the scutellum yellow. Abdomen black scaled, the venter with a row of large violet spots on either side of segments from two to six, the middle of the venter golden-yellow scaled except on the narrow hind margins of the last four segments. Legs black scaled, with a purplish tinge, the under side of the femora, at least basally, yellow scaled, a large patch of violet scales before the apex of the front side of each femur, fourth joint of hind tarsi white scaled (the fifth is wanting); tarsal claws simple. Wings hyaline, somewhat smoky along the costa, the scales black, with a purplish tinge, those in outer half of wings rather broad, oblanceolate. Length about 4 mm.

Trinidad, West Indies. A female specimen collected by Mr. F. W. Urich, after whom this fine species is named. Type No. 9141, U. S. National Museum.

Verrallina insolita, n. sp.—Proboscis and palpi black scaled, occiput white scaled around the edge, yellow scaled in the centre, and with a pair of black scaled spots on the upper half. Thorax black scaled in the middle, the sides in front of the wings broadly, and spots on the pleura, white scaled. Abdomen black scaled, with a tinge of purple, middle of venter, except on the broad apices of the last four segments, white scaled. extending outwardly considerably on these segments. Legs black scaled, the under side of the front and middle femora towards the base, and the whole of the hind femora except the base and a broad band beyond the middle, white scaled; narrow bases of first three joints of the front and middle tarsi, both ends of the first joint and base of the second joint of the hind tarsi white scaled; claws of the front and middle tarsi toothed, those of the hind ones simple. Wings hyaline, the scales brown. Length nearly 4 mm.

Trinidad, West Indies. A female collected by Mr. F. W. Ulrich. Type No. 9142, U. S. National Museum.

A NEW LASIOCAMPID FROM ARIZONA.

BY WILLIAM BARNES, S. B., M. D., DECATUR, ILL.

Eutricha Oweni, n. sp., ♂.—Expanse, 70 mm. Thorax, abdomen and fore wings reddish-brown, more or less lightened from an admixture of pale gray or whitish scales or hairs. Fore wings crossed by four lines, one at inner fourth dark reddish-brown, accompanied by a pale inner line, almost transverse, only slightly incurved at costa and inner margin. The dark portion of the line is well marked, the paler portion not so distinct. The course of the line is slightly irregular, not perfectly smooth and even. The second line is just beyond the middle of the wing, it is similar to the first, only the pale shade is on the outer side. It is slightly exserted beyond cell, somewhat drawn in at the inner margin and a little wavy at costal end. The space between these two lines is somewhat darker than the rest of the wing. The third line is much fainter than the others, but is rendered more prominent by the contrast between the paler shade of the wing following and the slightly darker shade preceding it, which latter is, however, a trifle paler than the median space. The fourth or sub-terminal line is irregular and broken into short intravenular dots and bars,

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