

NEW CYCLORHAPHOUS DIPTERA FROM MEXICO AND NEW MEXICO.

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In the course of identifying a series of Diptera received by Dr. L. O. Howard, and collected in Mexico and New Mexico by Mr. C. H. T. Townsend, a number of new forms were encountered, and as manuscript names of these will soon be sent out it is desirable that these forms should be duly characterized; accordingly, the descriptions are presented for publication herewith.

Family SYRPHIDÆ.

Spilomyia obscura, new species.

Head black, the face, frontal triangle of male and lower part of front of female, prolonged upward along the eyes to a point nearly opposite the lowest ocellus, yellow; antennæ yellowish brown, the joints subequal in length, arista yellow, mouth-parts black; thorax black, a yellow spot on each humerus and a smaller one above it, a vitta extends from each postalar callosity obliquely to the suture, where it is prolonged inward as a silvery white streak; a pair of oblique yellow spots in front of scutellum, a yellow spot on posterior part of mesopleura, one on the sternopleura, one above front coxa and a small prominence beneath insertion of wing; scutellum wholly black; abdomen black, a yellow spot on each side of the first segment, an interrupted yellow fascia on anterior part of the second, broadly dilated at the sides, a yellow streak in each hind angle of this segment, third and fourth segments with a yellow fascia on the front part and another on the hind margin, the former interrupted on the third segment, sixth segment of female, except the front margin, yellow; coxæ black, a yellow spot on outer side of the hind ones; femora yellow, the posterior side, except at the ends, black, least extended on the middle ones; tibiæ yellow, their apices and the tarsi yellowish brown; wings hyaline, costal margin to the spurious vein brown; length, 15 to 17 mm. A specimen of each sex collected August 27th and September 11th.

Habitat.—Sierra Madre, Chihuahua, Mexico (head of Rio Piedras Verdes, altitude about 7,300 feet).

Type.—Cat. No. 6290, U. S. National Museum.

Ocyptamus notatus, new species.

Head black, the face and broad sides of frontal triangle yellow, antennæ and proboscis black; body black, the prealar and postalar callosities, sides of scutellum, except at base, and a pair of circular or