

in the last couplet in my synoptic table, and will be recognized by having a single bristle at base of the third vein, the head one and one-third times as high as long, and the proboscis only once geniculate.

*Dionea nitoris*, n. sp.—♂ ♀. Black, the palpi yellow. Front of male one-fifth, in the female four-fifths, as wide as either eye, frontal bristles not descending beneath the base of second antennal joint, two pairs of orbital bristles in the female, wanting in the male, antennæ three-fourths as long as the face, the third joint one and one-half times as long as the second, arista thickened on the basal third; vibrissæ slightly above the level of the front edge of the oral margin, one or two bristles above each. Thorax polished, a median vitta in front of the suture and the lateral margins, whitish pruinose, three postsutural and two sternopleural macrochaetæ, scutellum bearing three long marginal pairs. Abdomen polished, without a trace of gray or whitish pruinosity, first segment one and one-half times as long as the third, the first three bearing only marginal macrochaetæ, last segment in the female provided at its apex with a pair of curved appendages resembling a pair of pincers. Tarsi not dilated, front pulvilli of male slightly longer than, in the female scarcely one-half as long as, the last tarsal joint. Wings gray, toward the base yellowish, along the posterior margin subhyaline, calypteres white. Length, 5 mm. Corvallis, Oregon. A specimen of each sex collected July 16 and Sept. 16, 1896, by Mr. A. B. Cordley. Type No. 4065, U. S. Nat. Museum.

*Chetophleps rostrata*, n. sp.—♀. Black, the lower part of the face and apex of proboscis, yellow. Front slightly wider than either eye, two pairs of orbital bristles, frontals descending to middle of second antennal joint, antennæ nearly as long as the face, the third joint four times as long as the second, arista thickened almost to the middle, face in profile strongly concave, vibrissæ on a level with front edge of oral margin, two or three bristles above each, proboscis slender, the labella considerably prolonged backward. Thorax gray pruinose, marked with four black vittæ; three postsutural and two sternopleural macrochaetæ, scutellum bearing three marginal pairs. Abdomen polished, bases of last three segments gray pruinose, each segment bearing only marginal macrochaetæ, venter destitute of short, stout spines. Tarsi not dilated, hind tibiæ not ciliate. Wings hyaline, first vein bristly on its apical third, the third bearing three bristles near its base, calypteres white. Length, 3 mm. Biscayne Bay, Fla. (Mrs. A. T. Slosson), and Opelousas, La. (Mr. G. R. Pilate). Three specimens. Type No. 4066, U. S. Nat. Museum.