

bent beyond the middle in the male. Wings deep brown along the anterior half, broadly infuscated along the posterior border, leaving a space hyaline in the anal cell and the base of the fifth posterior cell.

This is a handsome large species, rather larger than *illucens*, which it resembles in shape, the abdomen being more convex. Two specimens, Arizona, from Professor Comstock (No. 46).

*Euparhyphus*, n. sp.?

♀. Length 6 mm. The head and thorax of this species agree throughout with Loew's description of *E. stigmatalis*, except that the scutellum is yellow, with the base narrowly black. The abdomen shows a distinct difference in that the first segment has a small lateral spot, and the second, third and fourth segments with a large green triangle on the posterior angles, extending to the front margin of the segment and touching each other behind on the fourth segment; the inner margins of these green spots are yellowish. The fifth segment is wholly greenish and yellowish to the naked eye. The abdomen shows a broad greenish yellow margin. The legs are wholly yellow, except the last three joints of the tarsi, which are black. The wings agree also, except that the veins and stigma are less dark.

One specimen, Washington Territory.

*Euparhyphus ornatus*, n. sp.

♀. Length 6 mm. Front and face yellow, with black markings, as follows: A spot on each side in front of the ocelli; a slender stripe from near the ocelli to the oral margin, interrupted at the antennæ; a broader stripe (broader above) beginning a little lower on each side and reaching to the oral margin. First two joints of the antennæ yellow, the third wanting. Occiput black. The lateral orbits yellow. The lateral margins of the face, and the posterior orbits below, white pollinose. Thorax black. Two very slender dorsal vittulæ, broadly separated, the humeri and a slender line reaching to the base of the wings, the postalar callosities, the margin of the scutellum and spines, a spot in front of the wings on the pleuræ, contiguous with the line above it, and a smaller spot below, yellow. Abdomen black; the third segment on each side, with a rather large semi-elliptical spot, the slender lateral margin of the remaining segments, and the broader hind margin of the last segment, yellow. Legs yellow; the hind femora and tibiæ in their middle infuscated; the last