

moist dirt, and as they went down in the dirt by the side of the dish to pupate, I could see that the dirt of which the cocoon was made was mixed with web.

## NEW TABANIDÆ.

BY JOHN MARTEN, CARBONDALE, ILL.

*Sub-genus Therisplectes*.—"Eyes pubescent; ocelligerous tubercle more or less distinct; eyes (female) with three or four bright green or bluish cross-bands."

*T. Californicus*, *n. sp.* Length 17 mm. Eyes pubescent, with thin purplish bands. Front yellowish-gray; callosity nearly square, brownish, shining, prolonged above; ocelligerous tubercles brownish-black on a black spot. Face and cheeks grayish with white hairs. Palpi yellowish-white with small black hairs. Antennæ reddish; annulate portion of third joint black; upper angle prominent. Thorax grayish-brown with the usual gray stripes and golden yellow pubescence; humerus reddish; pleura and pectus grayish with long white hairs. Abdomen brownish-black, sides of first four segments brownish-yellow, which color leaves a row of black irregular spots in the middle, largest on the second segment and smallest on the third; also dark oblique spots on lateral margins. Venter yellowish with yellow pubescence; darker on the last three segments. Femora black, brownish at the tip; front tibiæ dark brown, proximal end lighter; second and third tibiæ darker toward the tip; tarsi dark brown. Wings hyaline; costal cell light brown; faint clouds in cross-veins and bifurcation of third vein.

Described from one female from California.

*T. hamaphorus*, *n. sp.* Length 16 to 18 mm. Front brownish-gray; callosity black, shining, prolonged in a spindle-shaped line above; ocelligerous tubercle black on a brownish-black spot. Face and cheeks yellowish-gray with gray hairs. Palpi yellowish-white with minute black hairs. Antennæ black, faintly reddish on second joint and base of third joint; third joint but little excised. Thorax grayish-black with distinct gray lines and whitish hairs; humerus reddish; pleura and pectus gray with long dirty gray hairs. Abdomen with broad median band and last three segments brownish-black, sides of other segments fulvous with faint black-