

*Hadena pausis*, n. sp.

Ground colour powdery fuscous gray or brown. Head a little paler, with a darker frontal line. Collar with a broken dusky central shading, patagiæ with a blackish submargin. Primaries with all the usual markings present, but broken and not contrasting. A curved black streak in the submedian interspace, from the base to the t. a. line, is the most prominent feature of the wing. Basal line geminate, broken, brown, reaching to the black streak, and within this is the palest part of the wing. T. a. line geminate, blackish, broken, a little out-curved in the interspaces, and moderately out-curved as a whole. T. p. line geminate, blackish, very even; outwardly oblique from costa to vein 6, then forming between 5 and 6 an almost right angle, and nearly evenly oblique from that point to the inner margin. S. t. line pale, very irregular and obscure; broken and scarcely traceable in some specimens. A crenulated, black terminal line. Fringes interlined with blackish. Little dusky rays are sent into the terminal space on the interspaces. A blackish or black quadrate spot connects s. t. and t. p. line in the submedian interspace, and a similar connection may be made by a narrow black line opposite the cell. Claviform large, extending more than half way across the wide median space; outlined in blackish, else concolorous. Orbicular irregular, moderate in size, outlined in blackish, brown centred. Reniform narrowed above, dilated below, and constricted in the centre; oblique, outlined in black and with a blackish central shade. A vague median shade is traceable on the costa only. Secondaries smoky, paler at base, with a vague discal lunule. Beneath dark gray, powdery, with a common outer line and a discal lunule on all wings; but all this may be wanting, and the wings be evenly powdered.

Expands 1.20-1.40 inches = 30-35 mm.

*Habitat*: Los Angeles County, California, in June (Coquillett); San Francisco, Cal.

This species belongs to the *binotata* series, and agrees with it in wing-form. The primaries have the outer margin a little toothed; the secondaries are excised below the apex. In the eight specimens before me there is little variation, the only obvious features being the black basal streak and, to a less extent, the black patch in the s. m. interspace connecting the t. p. and s. t. lines.

The genitalia of the male are somewhat complex. There is an oblique triangular patch at the tip of the harpes densely set with spinules,