

margin. T. p. line single, black, lunulate, outwardly curved on the costa and over cell, slightly in-curved below. S. t. line visible as a slender blue thread through the brown costal region, then lost in the blue of the s. t. space, this tinge extending to a series of submarginal blackish lunules, and beyond them to the slender dark terminal crescents. Fringes brown, with narrow yellowish interlines, and cut with whitish. Claviform small, black margined, concolorous, a blackish shading extending toward the t. p. line. A slender brown median shade line is marked on the costa, and is again traceable below the reniform, running close to and parallel with the t. p. line. Orbicular moderate or small, contrasting blue, centred with brown. Reniform large, broad, a little constricted centrally, somewhat indelined above and below, blue and contrasting. Secondaries whitish, with a slender, smoky extra-median line, and a broad, blackish outer margin. Fringes brown, with a yellow line at base. In one specimen with a vague discal lunule. Beneath, primaries smoky gray, powdery, with a blackish extra-median line, a pale or dusky spot marking the orbicular, and a yellowish lunule marking the reniform of the upper side. Secondaries white, yellowish toward and on costa, smoky at outer margin, with a narrow smoky outer line, and a dusky discal spot which may be absent.

Expands 1-1.20 inches = 25-30 mm.

*Habitat*: Santa Fé, New Mexico, July and August (Cockerell), Nos. 1657, 1827 and 3906.

Three male specimens of this very handsome species are at hand. It belongs to the series of which *Smaragdina transfrens* and *Bridghami* are examples, and when fresh is prettier than either. Unfortunately, the beautifully transparent blue dulls rapidly, and appears then like a thin wash of ultramarine over a layer of white. It cannot be easily confused with any other of our species.

The male genitalia are very simple; the harpes narrow obliquely to a somewhat acute tip, which has a fringe of spinules inwardly; the clasper arises from its middle, and is a slender, moderately long and only slightly curved hook.

*Hadena viridimusca*, n. sp.

Head and thorax brown, powdered with darker scales; head paler in front. Collar with a dark median line, sometimes paler than the thoracic disc. Thoracic tuftings distinct, the posterior paler and sometimes quite contrasting. Abdomen smoky; in the male the edges of the segments