

white above, abdomen fuscous. Head protuberant in front, with saucer-shaped depression in centre. Palpi brownish. Legs dusky externally, whitish within. Male as female, except hind wings above and below are paler and there is a second spot on costa at base. This species differs from *septempunctata* in the fuscous abdomen, darker secondaries, and especially in the wide exsertion of the second spot beyond cell.

Type: ♀, Wilgus, Cochise Co., Arizona. ♂, So. Arizona. The latter from Mr. Poling.

*Grotella tricolor*, n. sp.—Expanse: 20–23 mm.

Palpi yellowish below, whitish on top. Head yellowish in front, white on top, vertex white. Antennæ white at base and on upper surface, beneath yellowish. Collar white. Thorax white, with dark spot at inception of costa. Abdomen dark yellowish-brown. Primaries white, marked with dark brownish black spots, in some of which yellowish-brown scales are mixed. There is a spot on costa, marking the position of the basal line. A row of spots representing the t. a. line; these are arranged in a slight curved line across the wing. In all the specimens before me these are four in number, one on costa, one close to inner margin, and one on each side of the median band; of these, the one on costa and the one below median vein are the largest. In two specimens the spot below median vein is elongated. Probably when more material turns up specimens will be found in which these spots are more or less fused. There is a spot on costa, over cell, which may be considered as the remains of a median shade; this is quite large in two specimens, but very much reduced in the third. A quite well marked discal spot at end of cell. The t. p. line is well marked, and consists of a series of blotches, irregular in size, which show a tendency to coalesce. The line as a whole is broadly exserted over cell, and incurved from thence to inner margin. It is followed by a yellowish shade, somewhat broken and irregular. Beyond the shade is another row of irregular-sized spots, parallel to the outer margin. These spots vary in size, and while irregularly round they are not clearly defined in outline. Taken as a whole the effect in this part of the wing is of a well-marked yellowish-brown band, bordered on both sides by dark spots. The fringe is long, black at base and at outer edge. It is cut by a mesial white line and white-lined veins into a double row of black patches, the inner row of which is remarkably distinct, the individual spots being very even in size and shape; the outer row only obtains as a slight dusky discoloration. Secondaries blackish in both