

concolorous, with pale points at end of veins. Hind wings white above and below. Fore wings smoky beneath, with about four pale points on costa, towards apex. Antennæ shaft yellow, pectinations brown. Head and thorax dark gray. Abdomen ochraceous above, dirty white below.

♀, fore wings a trifle darker, with markings somewhat heavier, especially the terminal line, while the subterminal line is equally heavy to inner margin. Secondaries broadly fuscous outwardly, with faint mesial band.

Type: 1 ♂, So. Arizona, July; 1 ♀, Santa Catalina Mts., Pinal Co., Ariz. Mr. Poling.

*Hapigia estrella*, n. sp.—Closely allied to *H. xolotl*, Schaus (Proc. Zool. Soc., London, 1892, p. 339; Biol. Cent. Amer. II., 464, Pl. 91, fig. 19), but differs from figure and description, and Mr. Schaus, who on a recent visit kindly examined most of the species described in the present paper, thinks it distinct from his species.

♂ expanse: 50 mm.; ♀, 57 mm.

Colour of male chestnut, of female darker, almost walnut-brown. Basal line faint but traceable, pale, with dark brown border. T. a. faint, outwardly oblique, somewhat wavy, pale, with slightly darkened border. In female there is a dark shade between t. a. and basal line on lower half of wing. T. p. line pale, with slightly darker outer border, distinct but not prominent, inwardly oblique from costa, slightly outcurved over cell, then with a slight inward curve to inner margin. A faint black, broken subterminal line, emphasized at apex so as to form a short oblique apical dash, within which is a metallic silver mark. In cell is a slightly outwardly oblique oblong silver ring, constricted in middle, with small dot of silver joined to its upper inner side. The centre of ring is silver filled, leaving a narrow border of ground colour. There is a second small round silver spot in cell to inside of upper end of first; in the female this has a fine central dot of ground colour, in the male it is solid. Fringe concolorous outwardly, paler within. Inner margin incised and toothed, more marked in female. Hind wings paler than fore, pale reddish fuscous in male, blackish fuscous in female.

Beneath fore wings much paler than above, even light reddish brown, somewhat darker in centre and along costa. Two pale spots in cell