

Under side of primaries shows the black markings repeated; costal edge white; along hind margin a narrow dull orange belt, before which is a series of white crescents; secondaries have the marginal belt dull black, next the white crescents, then a series of dull orange quadrangular spots on black ground; across the disk a white band cut by a black line a little within its posterior edge; beyond, orange heavily edged with black; a white spot in cell on median nervure; a white band across the wing near base; at base orange, the shoulder white.

Female.—Expands 1.4 inch.

Less black than the male, the fulvous more red; under side as in the male.

This species may be distinguished from *Perse* by the color and markings of outer half of secondaries beneath; *Perse* has the margin buff or orange-ochraceous, the second row of spots rounded or crescent. Taken by Mr. Morrison in South Arizona and said to be common.

CHRYSOPHANUS FLORUS.

Male.—Expands 1.3 inch.

Upper side brown with a purple reflection; the hind margins broadly bordered black, especially on secondaries, the border almost reaching the discal row of spots; this row is common to both wings, zigzag; a bar on the arc of each cell; primaries have two spots in cell and one below; secondaries have a spot in cell, concealed by the long hairs which cover the basal area; at anal angle a small fulvous patch; fringes cinereous.

Under side of primaries yellow-brown, the apex light brown; the black spots repeated, enlarged, and in addition, an imperfect row corresponding in position to the inner edge of the black border of upper side. Secondaries light brown, the spots repeated in dots and minute marks; a submarginal series of red serrations from inner angle to middle of wing.

Female.—Expands 1.35 inch.

Upper side dark brown, a little mottled with obscure yellow on disk of primaries at end of cell, and outside the black spots in median interspaces only; the fulvous anal patch as in male, and an indistinct fulvous crescent in the next interspace. Under side as in male.

This species in male resembles *Hellioides* ♂, but the latter has much fulvous on hind margin of secondaries, and to both margins a narrow black border, whereas in *Florus* the borders are remarkably wide. The