

the male. Usually the space between the antennæ is occupied by a brown band, and the superior part of the front is also brownish. Posterior part of collar brownish, and a stripe across the first abdominal segment is of the same colour. Sometimes two dorsal spots are on each of the remaining abdominal segments, though these may be altogether absent. Cross-lines of primaries blackish, narrow; clearly delineated in the male, obscure in the female. Basal line originates on costa one-sixth out, in a black spot, extends outward to cell, then bends inward, and is twice sinuate to inner margin. Extradiscal line begins two-thirds out on costa, extends outwardly sinuate to below R_5 , then curves inward to Cu_1 , is outwardly scalloped between Cu_1 and Cu_2 , again scalloped slightly below this last vein, then deeply incurved to inner margin, terminating between the base of the wing and the anal angle. The median line is rather indistinct, begins on costa between the extra- and intradiscal lines, rounds outwardly the faint discal ringlet, of which it forms a part, and there runs close and subparallel to the extradiscal line to the inner margin. External to the extradiscal line is a brown-ochre shade, broad within the incurves of the extradiscal line, narrow or broken at the outcurves. Outer space with a patch of dark scales between veins R_4 and M_1 . Subterminal line white, scalloped between the veins and running parallel to the outer margin. Terminal line scalloped, and with a distinct black spot at the angles formed by the junction of the scallops. Secondaries with a sinuate intra- and extradiscal line, the former most distinct on inner margin, the latter with the sinuations sometimes angular, and with a distinct outward angle between M_2 and Cu_1 . The latter bordered externally with an ochreous shade. Subterminal line white, scalloped, bordered with a gray shade internally. Terminal line as in primaries, but the scallops much more pronounced. Beneath whitish in male, grayish in female, the primaries dusky subapically and the costa strigate with brown. Discal spots on all wings solid; large and conspicuous on primaries, smaller and faint on secondaries. Terminal line represented by the black points at the angle of the scallops on the upper side.

Types: Ten males and two females in the collection of Mr. Geo. H. Field, of California, and in the collection of the author.

Habitat: San Diego, Cal., June 12, July 17, Aug. 20, 30, Oct. 2, 19, 24, Nov. 2, 15. All taken by Mr. Field. I have the species also from Pasadena, Cal., taken Oct. 10, but these are in rather poor condition, and have not been made types.