

exserted superiorly, running in opposite the dentation of the t. a. line. S. t. space narrow, white, with a black costal shade and some cuneiform marks at the middle. Terminal space, and fringes leaden gray; terminal line a succession of white streaks. Hind wings fuscous, paler within a narrow median white band. Beneath, with markings reflected. *Expanse* 27 mil.

Washington Ter. Coll. Mr. Hy. Edwards and Mr. B. Neumoegen.

## DESCRIPTION OF A NEW HESPERIAN FROM FLORIDA.

BY W. H. EDWARDS.

PAMPHILA STRATON.

Male.—Expands 1.5 inch.

Upper side dark brown, marked and spotted with reddish fulvous; three small spots in subcostal interspaces of primaries, two others opposite cell and towards hind margin; and in line with these an oblique row crossing the median interspaces, the lower spots merged in the fulvous of disk which extends to base and anteriorly to costa; the stigma in two sections, the anterior one completely crossing the lower median interspace; a narrow smooth black slightly bent ridge; the lower one in sub-median interspace, parallel to the line of the other; short, not reaching either nervule; behind the stigma is a narrow blackish rough patch. Secondaries have the disk obscure fulvous, with an imperfectly defined series of spots on the anterior half of the wing; fringes of primaries fuscous next the margin, whitish outside; of secondaries fuscous next margin, then fulvous, and outside whitish.

Under side of secondaries bright ferruginous of one shade and immaculate; apex of primaries bright ferruginous; the hind margin a little obscured, the spots indistinctly repeated, next base and against stigma black.

Body above black, covered with fulvous hairs, thorax below yellowish, abdomen same with a fulvous tint; legs fulvous, palpi light yellow with fulvous tint; antennæ black above, yellowish below; club black on both upper and under surface, on the sides fulvous.

Female.—Expand 1.6 inch. Color dark brown; primaries have spots placed as in the male, distinctly defined throughout, the basal area being brown, instead of fulvous as in male. Secondaries as in male. Under side as in male, but on the disk of secondaries is an indistinct bent row of small paler spots corresponding to the spots of upper side.

From 3 ♂ 1 ♀ received from Indian River. The male is very like *Leonardus* on upper side, with the stigma of same peculiar character, and in this respect these two stand alone among



American species so far as known to me. So the clubs of the two are precisely alike. But on the under side there is a departure from *Leonardus*, which has distinct spots on secondaries. In color and lack of spots *Straton* resembles *Arpa*.

## A NEW SPECIES OF ANTARCTIA FROM MOUNT HOOD, OREGON.

BY B. NEUMOEGEN.

### ANTARCTIA RUBRA. n. sp.

♂ Head and thorax remarkably pilose and of bright blood orange color. Head prominent, thorax very stout, abdomen of short, conical structure, less hairy, and of lighter color. Antennæ prominent, of same color as head and thorax, with black, even pectinations. Legs concolorous with thorax.

Primaries chocolate color with a reddish underground. Fringes orange color intermixed with brown. No special markings, except a small blackish discal spot, hardly perceptible.

Secondaries smoky black with orange tinted, bright fringes, and a diminutive black discal spot.

Beneath, primaries as well as secondaries reddish brown, fading into a lighter, whitish shade towards base, and fringes of a prominent reddish tint. Discal spots in primaries and secondaries, well marked in black.

♀.—Larger than male. Antennæ, palpi, head and thorax, less hairy and concolorous with primaries. Antennæ slender and smooth. Abdomen prominently formed, of yellow reddish shade.

Primaries of strikingly vivid color, being the true blood orange tint, with a somewhat darker, hardly noticeable discal spot. No other markings. Fringes of same color.

Secondaries of smoky black with blood orange fringes. A very small, black discal spot.

Beneath, primaries and secondaries orange-colored, fading towards base. The discal, blackish spots well marked in both wings. Fringes concolorous.

Expanse of wings, ♂ 1 1-10 inches; ♀ 1 1/2 inches.

Length of bodies, ♂ 1/4 inch; ♀ 3/8 inch.

Habitat: Mount Hood, Oregon.

Having convinced myself that I had not to deal with the red California variation of *A. punctata*, Pack., which, by the way, occurs only in the female form, I decided to study Boisduval's description of California Arctians, especially *A. rufula*, before pronouncing on the present species. I came to the conclusion that *A. Rufula*, Boisd., ♂ (vide Lepid. de la California, p. 80.) is nothing but one of the numerous varieties of *A. vagans*, Boisd.,



Edwards, William H. 1881. "Description of a new Hesperian from Florida."  
*Papilio* 1(5), 78–79.

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