

down a little towards outer end, edged on both sides by black scales; on costal margin three small translucent spots, and two next stigma on the two median interspaces; no black spot or patch beyond stigma towards apex. Secondaries have a narrow and darker brown margin, and all the disk and basal region is bright fulvous.

Under side of primaries pale ferruginous: the translucent spots repeated, not enlarged; a black mark indicating the outer end of stigma, and black next base. Secondaries paler ferruginous, the disk a shade lighter than the margin.

From 1 male, from Mt. Hood, Oregon. Near *Agricola* Bd.; same size; the fore wing less produced; stigma same shape, but there is no dark patch beyond it; the translucent spots are not found in *Agricola*; below paler colored, and no black at inner margin of primaries.

PAPHIA MORRISONII.

Male.—Expands 2.7 inches.

Primaries scarcely at all produced, the hind margin but little concave.

Upper side bright red, with no spots or marks, except that the arc of cell on primaries is narrowly edged on both sides by brown scales; apex and the edge only of hind margin dusted lightly with black. Secondaries have the costal margin whitish or hoary; the hind margin dusted with black and very scantily for about two tenths inch inward, scarcely obscuring the red ground; mixed with the black on the marginal edge, especially between the tail and inner angle, are dull gray scales; near the margin, a complete series of yellow points, one on each interspace; tail short, spatulate.

Under side gray-white, dusted thickly and quite evenly with pale black, though rather less on the marginal areas; the inner half of primaries red-tinted; primaries have no bands or spots; secondaries have a narrow nebulous stripe across the disk limiting the slightly darker area to base.

Body reddish above, thorax light gray-brown beneath, abdomen yellow-white; legs yellowish; palpi yellowish, with brown hairs at and near tip; antennae brown, imperfectly annulated with gray; club black, tip ferruginous.

Female.—Expands 2.3 to 2.75 inches.

Primaries more produced, the apex ending in a sharp point.

Upper side dark red; costal margin of primaries narrowly edged with brown; apex of same wing and hind margins of both wings bordered with