

DESCRIPTIONS OF SOME BUTTERFLY LARVÆ FROM
YOSEMITE.—II.

BY HARRISON G. DYAR, YOSEMITE, CAL.

Junonia cœnia, Hubn.

Egg.—Spherical, a little flattened at the base, with about twelve vertical ribs running to the micropyle; colour, shining pale green; diameter, .5 mm.

First Stage.—Head rounded, black and shiny; width, .25 mm. Body sordid greenish, with long black hairs curving forward, arising from small lustrous tubercles. Feet concolorous with the body.

Second Stage.—Head bilobed, black and shiny, with a number of hairs; width, .5 mm.; body sordid purplish, almost black, with short black tubercles arranged as in the last stage, and bearing numerous short fine hairs. Cervical shield ochreous; anal plate black. The tubercles on the cervical shield are black.

Third Stage.—Head bilobed, a conical tubercle at the apex of each lobe, shining black with yellow piliferous tubercles; width .95 mm. The body and the series of spined processes, which represent the tubercles of the preceding stage, are black, the former more reddish subventrally. The lateral tubercle on joint 2 is orange, as is also a smaller subventral one on joints 2, 3 and 4 each. As the stage advances a double dorsal and subventral row of white dots appears, and, later, the bases of the substigmatal spines (row 4), and the anal feet become orange tinted.

Fourth Stage.—Head bilobed, bulging laterally, a spined process at the apex of each lobe, pointing forward; colour black, very shiny, with many white conical setiferous granulations; labrum and bases of antennæ, whitish; width 1.8 mm. Body velvety black, the long-spined processes shiny blue-black, a short one above the spiracle on joint 2 and a longer one below it, beside a short stigmatal one on joints 3 and 4, orange. A