

ON THE LARVÆ OF TWO SPECIES OF ARACHNIS.

BY HARRISON G. DYAR, NEW YORK.

The larvæ of two species of *Arachnis*, from Mexico, were given to me by Mr. Jacob Doll. They are the following:—

Arachnis aulea, Geyer.

Egg.—Shape of two-thirds of a sphere, with flat base. Shining, pearly, iridescent. Diameter, .6 mm. The reticulations are rounded, moderately distinct, of quite uniform size, but smaller at apex. On the angles of the reticulations a series of short, stiff spines ($\frac{1}{2}$ inch objective).

First stage.—Head bilobed, the lobes full, rounded; clypeus large, mouth projecting. Colour shining, blackish, ocelli black, mouth brown; width, .3 mm. Body, pale whitish-brown, shading into a milky colour dorsally. Warts small, black, hairs single from i. and ii. on joints 5-12, several from a wart on the others, pointed and very minutely spinulose. Cervical shield, thoracic feet and the abdominal ones outwardly, black.

Second stage.—Hairs more numerous, several from each wart, black, bristly. Width of head, .4 mm., colour shining black. Body pale chocolate-brown, with a diffuse darker sub-dorsal band, and very faint narrow, pale dorsal line. Warts black.

Third stage.—Head shining black; width, .6 mm. Body dark blackish-brown, with a flesh-coloured, narrow, dorsal line. Warts black; hairs of different lengths, stiff, more abundant at the extremities than centrally, with a few long, white ones anteriorly. Slight white lines above warts iii. and iv.

Fourth stage.—Dorsal space on joints 6-10 marked with brick-red around wart i.; dorsal line very narrow, pale; lateral white lines obscure. Hair on joints 2-5 and 11-12, more abundant and longer than centrally; black, the subventral hairs white. Width of head, .9 mm.

Fifth stage.—Head rather square, black; width, 1.2 mm. Body all black, with a narrow red dorsal line. Warts and thoracic feet shining. Hair black at ends, foxy-red centrally, the long anterior and posterior hair and most of the subventral ones pale, nearly white.

Sixth stage.—Head as before; width, 1.9 mm. Body black, immaculate, the warts shining; abdominal feet light reddish. Hair bristly, pointed, foxy-red, mixed with black, with a few long and pale; subventral hair indistinctly paler than the rest. Spiracles small, white.