

DESCRIPTIONS OF THREE NOCTUID LARVÆ.

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The moths bred from the larvæ here described were kindly determined for me by Prof. J. B. Smith.

Taniocampa alia, Guen.

Stage I.—Head shiny, pale yellow; mouth orange; ocelli black; width, .3 mm. The abdominal feet are well developed only on joints 9, 10 and 13, so the larva walks like a Geometrid. Body whitish, appearing green from the food within, with many black, piliferous dots. Joint 12 is a little enlarged; cervical shield coloured like the head, but paler, Length, 4 mm. This larva was found May 3.

Stage II.—Head shiny, whitish; ocelli black; mouth brown; width, .6 mm. Body dark green above, paler below, enlarged at joint 12; the feet on joints 7 and 8 small and unused. A dorsal, subdorsal and stigmatal white line, the latter broad and blending below with the colour of the venter. A number of minute black piliferous dots and a few fine hairs on the head. Length, 6 mm.

Stage III.—Head dull, pale yellowish-white; ocelli black; mouth brown; width, .9 mm. Body as before, the dorsal and subdorsal lines clear cut. In the subdorsal space are two white spots per segment, each with a minute black centre. The feet on joints 7 and 8 are better developed than in the previous stage.

Stage IV.—Head dull pale whitish; mouth faintly brownish; ocelli black, ringed with white; a few pale hairs; it is partly withdrawn under the skin of joint 2; width, 1.6 mm. Body pale, semi-transparent yellow, appearing green. Dorsal, subdorsal and stigmatal white lines, the lowest large and bordered above with dark green. White piliferous dots with minute black centres, about two per segment in each of the spaces. Feet normal, nearly equally developed; joint 12 enlarged. Length, 15 mm.

I think a stage occurs between stage IV. and the last stage, but I have not observed it.

Stage VI. (?), Last Stage.—Head green, with a few hairs; marked as before. Body yellowish-green, sprinkled with pale yellow; a yellowish-white dorsal line, a faint and broken subdorsal line and a narrow stigmatal line above the spiracles, except on joints 2 and 12, where it runs below