

The Canadian Entomologist.

VOL. XVII.

LONDON, ONT., MARCH, 1885.

No. 3

PREPARATORY STAGES OF *ICTHYURA PALLA*, FRENCH, WITH NOTES ON THE SPECIES.

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EGG.—Globular, a little flattened at base, smooth; color orange yellow. Duration of this period, 24 days.

Young Larva.—Length .08 of an inch. Color pale brownish green. Head and a small cervical shield jet black. Each segment has about six blackish tubercles from which arise rather long gray hairs, the dorsal tubercles on segments 5 and 12 a little more prominent than the others. Duration of this period, 3 days.

After First Moulting.—Length .14 of an inch. Color pale yellowish green. Head black, as also a plate and a small spot on the top of the second segment. To each segment six purplish black slightly tubercular spots; those on the dorsum faint except those on 5 and 12, which are prominent, each pair confluent; a few hairs from each spot. Thoracic feet black. Duration of this period, 4 days.

After Second Moulting.—Length .25 of an inch. Color green, with a yellowish tint; head and thoracic feet jet black, the spot on the middle of the second segment and the plate black, but slightly purple tinted; the rest of the markings dark reddish purple. These consist of a dorsal line, with a very faint line each side; a more prominent subdorsal line, with a line each side composed of elongate spots, the breaks being at the ends of the segments, each spot a little broader in the middle than at the ends. The upper of these bordering line of spots contains the posterior dorsal piliferous spots, the anterior of each joint being in the line bordering the dorsal line. The line below the subdorsal contains the row of supra-stigmatal piliferous spots. There is a faint stigmatal line with some mottlings below. Segments 5 and 12 slightly elevated, the anterior pair of spots closer together and colored; a spot on each abdominal leg. Duration of this period, 4 days.

After Third Moulting.—Length .40 of an inch. The stripes remain the same as during the preceding period. The ground color of the dorsum