

regularly common species of the genus. Have taken it most commonly at light, end June and July, but have seen it flying in sunshine." None of those we have examined agree with Dodge's figure of *Williamsii*, admittedly not correct, in CAN. ENT., Vol. III., p. 167, every specimen having the extra transverse band on the primaries. During the past summer Mr. A. J. Dennis, of Beulah, Man., kindly sent me a batch of eggs of *Williamsii*, var. *determinata*; but, unfortunately, only two of them hatched. These eggs were laid about the 1st July, and hatched on the 9th. The two larvæ reached Stage VI.; one has since died, but the other is now hibernating. The notes on the six stages, presented herewith, are, I believe, the only knowledge we have of the larvæ. In 1885, on May 31, Dr. Fletcher found one larva on *Erigeron filifolius*, Nutt., at Kamloops, B. C., the moth emerging Aug. 1; other larvæ were seen under stones, and at Spence's Bridge, B. C. (June 1), on *Senecio*.

*Stage I.*—Length at first 1.8 mm., colour dirty whitish, after feeding greenish. Head 0.3 mm. wide, dark, slightly bilobed; mouth-parts reddish. On each segment of body is the usual row of transverse tubercles; these are black and shiny. Cervical shield black. Bristles long and slender, those from tubercles on dorsum black, from the lateral tubercles silvery and longer than the black bristles. Tubercle i. small, ii. very large, iii., iv. and v. nearly same size. Bristles finely barbed. Tubercles ii., iii., iv. and v. are surrounded with brownish-red. Feet concolorous, marked exteriorly with brown. Three days after hatching a pale blue dorsal stripe was discernible.

*Stage II.*—Length 4.5 mm. Head 0.5 mm. wide, brown, darker at apex, ocelli black. The larvæ in general appearance are brownish, but under a lens the skin from the inside edge of tubercle i. to the lower edge of ii. is seen to be reddish-brown, except at intersegmental folds where it is greenish; with a medio-dorsal stripe of pale blue. The skin between ii. and iii., iii. and iv., iv. and v. and v. and vi. is yellowish, or greenish-yellow, paler subventrally, blotched with reddish-brown. Tubercles black, i. very small, ii. large, iii. and iv. about same size, v. smaller than iv., and vi. smaller than v. Bristles from i., ii. and iii. nearly all black, only a few silvery ones from iv., and from lower tubercles silvery. Bristles faintly barbed, of varying lengths, the silvery ones slender and longest. Spiracles small, black, close in front of tubercle iv. Feet concolorous, semi-translucent, darkened exteriorly.