

# The Canadian Entomologist.

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VOL. VI. LONDON, ONT., DECEMBER, 1874. No. 12

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## THE LARVÆ OF DEPRESSARIA DUBITELLA AND GELECHIA RUBENSELLA.

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Being much interested in the 'Tineidæ, Mr. Chambers' articles on this family of moths are the first to receive attention as the successive numbers of your magazine come to hand.

I have had the satisfaction of rearing from their larvæ many of the winged gems described in your pages, among others the two species named above. Now, as Mr. C. seems to have been in some doubt as to his own determination of these species, of which he has as yet—as he informs me—seen only the imagines, it occurs to me that a description of their larval characteristics might afford some aid in deciding the doubtful points.

The larva of *Depressaria (Gelechia) dubitella* Cham. is very characteristic and beautiful. It may be found during the months of July and August on *Ambrosia artemisiæfolia*, concealed in a fusiform case, which it constructs by drawing together the pinnatifid divisions of the leaf. I think it forms but a single case, which at first consists of but two divisions of the leaf drawn together with silken threads. As it increases in size, its domicile is enlarged by the incorporation of other lobes of the leaf. It is always to be found in its case in the daytime, and probably emerges only at night to feed.

This larva is rather more than half an inch in length, elongate and slightly flattened. Head horizontal, semi-elliptical, highly polished jet black. First segment horny, black and polished like the head. Second segment, anterior half *velvety* black, posterior half ivory white, ornamented above with five linear black marks, extending longitudinally backward; the dorsal and sub-dorsal ones do not reach to the posterior edge of the segment, while the lateral lines, above the stigmata, do. The remaining segments are of a translucent white color, varying from pearly to yellowish. They are marked with three faint, longitudinal, brown lines and with a few