

contour and size at once strikes the eye. Riley's cut represents an insect 20 lines in expanse of wings. I venture to say that no Fall Web-worm Moth ever attained such a size. But latitude was necessary to take in such moths as *congrua* and *cunea*. Then as regards the series of wings given on page 246. These we may conclude, from the whole tenor of the article, include representations of *cunea*, *punctata*, *punctatissima*, etc. They are on the scale of 18 lines for expanse of wings. *There is not one of them but can be exactly matched from insects I raised, or that were taken with the mother insect in the Gomin.*

Let us now consider the larvæ :

A comparison of the Rev. Dr. Hulst's account of the larvæ of *S. congrua* (Ent. Amer., II., 162), and of Professor Saunders's description of the larva of *S. cunea*, in its last stage, with the following life-history, written with care by myself, will, I think, show that the three descriptions relate to one and the same species.

Life-history of *Spilosoma congrua*, Walker :

*Eggs*.—Waxen, globular, laid dispersedly and unattached on the 10th of July, very small for the size of the insect—one-thirtieth of an inch in diameter. Hatched July 16th.

*Newly-hatched larva*.—One-tenth of an inch long, of a pale greenish tint, with a row of reddish-brown tubercles along the middle of each segment above. Every tubercle has two or three rather long, black hairs. Head dark brown. The larva feeds with avidity upon *Chenopodium album*, also upon *Taraxacum* and *Plantago*. It shows no disposition to spin. Moulded July 23rd.

*Larva after first moult*.—Length, three-tenths of an inch. Body reddish-brown, with black warts, from which proceed spreading tufts of long, black hairs with short spinous branches. Head bilobed, black. Feet black. Moulded July 29th.

*Larva after second moult*.—Length, half an inch. Body dark brown, with dark brown warts thickly set with tufts of black hair. A side line of red warts with a black tuft above and another below each wart. Larva exceedingly active—scuffles about in true Arctian fashion. Moulded August 8th.

*Larva after third moult*.—Length, one inch and one-tenth. Head shining black, bilobed. Body black, warty, densely clothed with jet black hairs. A side line of red warts as before, but hardly seen under the pile that overlaps it.