

Further examples collected at Rosthern, also by Mr. Willing, changed to pupæ on June 17, producing the imagoes on July 15. These larvæ Mr. Willing says were very plentiful on *Thermopsis rhombifolia*, Nutt. Five specimens which had been killed by a fungus, and which were still attached to the plants, were received at Ottawa, and afterwards one pupa, with cast skin attached, and two of the bred moths were sent for examination. All the tubercles in these six specimens are distinctly reddish, and the bristles conspicuously red, of about the same colour as those of *Isia Isabella*, S. & A. The five dead larvæ all show the dorsal stripe.

Larvæ which the writer received from Toronto hibernated in the penultimate stage. Specimens which Mr. D. Brainerd collected at Montreal moulted twice in the spring, as did also four larvæ found at Ottawa in early April, by Mr. C. H. Young. From data at hand it would appear that there is only one brood in the year. It would be interesting to rear a large number of the larvæ from the egg, and note all the differences.

*Distribution*.—Edmonton, Alta., July (F. C. Clare); Blackfalds, Alta., July 1, 2 (P. B. Gregson); Rosthern, Sask. (T. N. Willing); Beulah, Man. (A. J. Dennis); Cartwright, Man. July 15-30 (E. F. Heath); Aweme, Man., July 27 (N. Criddle); Winnipeg, Man., July 3-19 (A. W. Hanham); Rosseau, Ont., July (A. F. Winn); Orillia, Ont., July 3-17 (C. E. Grant); London, Ont. (W. Saunders); Hamilton, Ont. (J. A. Moffat); Grimsby, Ont., July 20 (W. Metcalfe); Toronto, Ont., July 15, 17 (A. Gibson); Port Hope, Ont. (C. J. S. Bethune); Trenton, Ont., July 13, 19 (J. D. Evans); Ottawa, Ont., June 29, July 7, 12, 15, 22, 24 (J. Fletcher, C. H. Young, A. E. Richard, A. Gibson); Rigaud, Que. (J. E. Desrochers); Montreal, Que., July 19, 21, 27 (H. H. Lyman), July 6-17 (Chas. Stevenson), July (A. F. Winn); Little Metis, Que. (Winn); Rimouski, Que. (Winn); St. Hilaire, Que., July 15 (Lyman); Quebec, Que. (T. W. Fyles); Kamouraska, Que. (Winn); Bic, Que. (Winn); Chicoutimi, Que., July (Winn); St. John, N. B., June 10, July 2, 17, 21, 26 (Wm. McIntosh).

*VIRGO*, var. *CITRINARIA*.—Mr. J. A. Moffat tells me that he has bred two specimens of this variety, which differs in having yellow secondaries, from a batch of larvæ found at the same time at Hamilton, Ont.

2. *VIRGUNCULA* has a wide range of distribution. In Ontario it is a common species in certain districts, but very rare in others. At Toronto during some seasons I have found the moths exceedingly abundant. The life-history of this Arctian was published by the writer in the *CANADIAN*