

ENTOMOLOGIST, Vol. XXXIII., p. 325. The mature larva is smaller than that of *virgo*, measuring about 35 mm., and when extended 40 mm.; head black, median suture pale in some specimens, as also the lower half of the epistoma. The skin of the body in some examples is wholly velvety black, in others the same colour but shading to grayish black subventrally. The tubercles are all black, the bristles being distinctly barbed, those from the dorsal tubercles being black, while those from the subventral tubercles are bright rust-red; prolegs, upper portion black, lower portion reddish. None of the larvæ had any markings on the skin. Specimens collected on April 8, at Toronto, only moulted once after coming out of hibernation, and at Montreal, Mr. Brainerd tells me that larvæ which he had, moulted only once in the spring before spinning up. From eggs laid in June we reared moths in August, but many of the larvæ which were mature (Stage VII.), instead of changing to pupæ as the others did, stopped feeding about the middle of August and acted as if they wanted to hibernate. *Virguncula* ought to be bred again to see just to what extent the larvæ vary, and if they ever possess the dorsal stripe. The late Mr. T. G. Priddey, of Toronto, made large collections of these larvæ, but, unfortunately, did not publish any of his observations. Writing on March 20, 1901, he says: "Now is the time to get *Arctia virguncula* larvæ. The first soft day after the dry grass is released from the frozen snow, they generally show themselves for a short time, along with *Spilosoma virginica*, basking on the tops of grass; after then they are hard to find, as they hide away during the day."

*Distribution*.—Calgary, Alta., July 27, Aug. 18 (F. H. Wolley-Dod); Saltcoats, Assa., July 12 (Willing); Cartwright, Man., June 29, July 3 (Heath); Sudbury, Ont. (Evans); London, Ont. (Saunders); Orillia, Ont., July 5-10 (Grant); Wabigoon, Ont., Aug. 24 (W. McInnis); Toronto, Ont., June 6, 14, 16, 18, 23 (Gibson), June 16, 24 (W. Metcalfe), May 23, June 6 (J. McDunnough); Hamilton, Ont. (Moffat); Trenton, Ont., June 19 (Evans); Ottawa, Ont. Aug. 5 (Gibson); Meech Lake, Que., Aug. 25, 3 worn sp. (Young); Montreal, Que. (Brainerd), July 3 (Lyman), May 24, June 13 (Winn); Cowansville, Que. (Fyles); St. John, N. B., July 9, "rare" (McIntosh); Anticosti Island (W. Couper).

The specimen of the moth which the writer found on the 5th Aug., at Ottawa, was not a complete specimen, but simply one of the primaries of presumably a male, which had become caught in the gauze covering