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NOTES ON THE EARLIER STAGES OF SOME CANADIAN TIGER MOTHS OF THE GENUS *APANTESIS*.

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Since the appearance of a paper in the May and June, 1903, numbers of the CANADIAN ENTOMOLOGIST, the writer has received for study either eggs or larvæ of several species of *Apantesis*, information as to the earlier stages of each of which was limited. The past three seasons in Canada have not been remarkable as to the abundance of material to collect, and Arctians, like many other kinds of moths, have been very scarce. Consequently not as many species have been received for study as had been hoped.

VIRGO.—331 eggs of this species were kindly forwarded in 1903 by Miss Caroline G. Soule. They were laid at Brandon, Vt., on July 23, 24 and 25, and hatched on August 5, 6, 7 and 8. The eggs of *virgo* are the same in appearance as those of other moths of the genus, but are larger, measuring in width at the base 0.8 mm., and in height 0.8 mm.; in shape semi-ovate. As notes were taken on the larval stages, these are presented herewith.

Stage I.—Length when hatched 2.5 mm. Colour at first sordid white, after feeding pale greenish. Head 0.4 mm. wide, dark brown, excepting clypeus, mouth-parts and space above ocelli, all of which are pale. Thoracic shield blackish. Tubercles shiny, blackish, i about one-fifth the size of ii, which is the largest; iii nearly same size as ii, others smaller than iii; ii, iii and iv encircled with blotches of pale orange. Bristles faintly barbed, black from i, ii and iii, silvery from other tubercles. Ventral surface pale. All the feet dull blackish; thoracic feet rather translucent.

Stage II.—Length just after moulting 4 mm. Head 0.6 mm. wide, blackish. Body after feeding dark sea green. A pale bluish dorsal stripe is present in this stage. Tubercles black, conspicuous, shiny, each bearing a bunch of bristles of varying lengths; dorsal bristles black, subventral ones silvery. The tubercles are surrounded or encircled with blotches, as