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NOTES ON CANADIAN SPECIES OF THE GENUS *APAN- TESIS (ARCTIA)*, WITH SPECIAL REFERENCE TO THE LARVÆ.

BY ARTHUR GIBSON, DIVISION OF ENTOMOLOGY, CENTRAL EXPERIMENTAL
FARM, OTTAWA.

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9. *QUENSELII*, var. *TURBANS*.—Probably one of the most interesting surprises we have had since studying these insects, is the fact that the form just mentioned has been taken, and not uncommonly, for some seasons, at several points in Manitoba and the Northwest Territories. The first specimens we examined were collected "at light" at Calgary, by Mr. T. N. Willing. Afterwards Mr. F. H. Wolley-Dod, of Millarville, Alta., forwarded us a beautiful series of nine specimens for study, and Mr. Norman Criddle, of Aweme, Man., also was good enough to send us four examples. Besides these 13, Mr. Willing forwarded seven specimens. While in Washington, in December, 1902, Dr. Fletcher submitted a series of the moths to Dr. Dyar, who compared them with the original description of *turbans*, afterwards expressing himself as certain that our Northwestern form was this variety of *quenselii*.

The 20 specimens before me are fairly uniform, and have a wing expanse of 26-35 mm. None of them show any traces of spots or markings on the secondaries other than those shown in the specimens on the accompanying plate. The markings on the primaries vary chiefly in width, but the three specimens figured give a good idea of the moth. Only one specimen shows any departure, and in this, as will be seen by the photograph, there is a decided tendency to melanism, but only, however, on the primaries. The secondaries of all the males, excepting two, are distinctly yellow, the same colour as *virguncula*, and the marginal markings are remarkably uniform and distinct, with no tendency whatever to melanism. The hind wings of the females are likewise yellow, with the exception of those of two specimens which are orange,