

variation of both. I sent both to Mr. Taylor as one species. Dr. Holland's figure of *lacustrata* is not very clear, and scarcely shows what seem to me to be distinctions in my series. I find differentiating characters in the secondaries not noticeable in that figure. In my *lacustrata* the central band widens out considerably on both costa and inner margin, and in seven out of eight specimens is sharply but narrowly notched on vein 7. *Sociata* has the band narrower, more even in width, and in none of my specimens notched. The notch is shown in Dr. Holland's figure, and the band is widest on the costa. Otherwise the figure might easily pass for *sociata*.

483. *M. intermediata*, Gn.—A single male, quite fresh, on May 13th, 1905. I recognized it as something new to me directly I saw it, though the colour and maculation suggested *Xanthorhoe munitata* more nearly than anything else I take here. In CAN. ENT., XXXVI, 245, Mr. Taylor points out that Dr. Holland's figure under this name is really *Petrophora fluctuata*.

484. *M. truncata*, Hbn.—Not common. Aug.

485. *M. silaceata*, Hbn., = *albolineata*, Pack.—Rather common. Middle June and July.

486.—*M. hersiliata*, Gn.—Two males, Aug. 15th, 1901, at light, and July 5th, 1903.

487. *M. vasaliata*, Gn.—Rather rare. Earliest April 27th. Through May. A fair female specimen June 17th, and worn females up to July 1st.

(To be continued.)

NOCTUID AND GEOMETRID MOTHS TAKEN AT TEMAGAMI LAKE.

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The following list of moths is the result of collections made during the months of June and July, 1904, in the neighbourhood of Temagami Lake, which is situated in the Nipissing District of Ontario, north of Lake Huron, Lat. 48°. The numbers prefixed are from Dyar's Catalogue:

- 968. *Raphia frater*, Grote, June 25.
- 971. *Apatela rubricoma*, Guen., June 25.
- 983. " *populi*, Riley, June 25.
- 989. " *betulæ*, Riley, June 25.
- 1028. " *retardata*, Walk., June 25.
- 1278. *Hyppa xylinoides*, Guen., July 9.