

FAUNA OTTAWAENSIS.*

ORDER LEPIDOPTERA: FAMILY NOCTUIDÆ; SUBFAMILY PHY-
TOMETRINÆ.

BY ARTHUR GIBSON.

In a study of the species of moths of this subfamily occurring in Eastern Canada as classified by Hampson in Vol. XIII of the Catalogue of the Lepidoptera Phalaenæ in the British Museum (1914), I have been interested in listing the species which have been found in the Ottawa district. This list is presented herewith, together with some larval notes on certain species. These latter add to our knowledge of the early stages of these insects. Many of the moths in this subfamily were formerly classified under the generic name *Plusia* and more recently under the genus *Autographa*. The former generic name, however, has now gone into the synonymy, while only one species of the latter genus occurs in Canada, namely, *Autographa parilis*, which has been collected in British Columbia.

The letter "G" following the records indicates that the specimens were collected by me, the letter "F" by the late Dr. James Fletcher, and the letter "Y" by Mr. C. H. Young.

Syngrapha falcifera Kirby. 18, 30, 31 May, 1899; 1 June, 1900; 6 June, 1901; 7 June, 1899; 10 June, 1902; 12 June, 1901; 15 June, 1904; 16 Aug., 1900; 11 Sept., 1902; 25 Sept., 1899; 26 Sept., 1903; 1 October, 1900, (G).

In 1901, I secured eggs of this species from a living female and the larvæ were reared on common plantain. Some were mature and spun cocoons on June 27, and moths emerged on July 8, 10 and 12. During the same year I received a larva from Toronto which was found feeding on wild lupine, *Lupinus perennis* L. This specimen pupated on July 1, the moth emerging on the 18th idem.

Syngrapha epigaea Grt. 6 Aug., 1901, (Y); 22 Aug., 1904, (F); 27 Aug., 1902; 30 Aug., 1899, (G).

Syngrapha selecta Walk. 18, 22 Aug., 1900, (Y); 27, 28 Aug., 1902, (G).

Syngrapha rectangula Kirby. 30 July, 1902, (Y); 11 Aug. 1902, (G); 18 Aug., 1900, (G); 19 Aug., 1900, (Y).

Syngrapha octoscripta Grt. 26, 29 June, 1903, (Y); July, 1886, (F); 21 Aug., 1902, (G); 21 Aug., 1900, (Y); 23 Aug., 1902, (Y); 30 Aug., 1899, (G).

*Contribution from the Entomological Branch, Department of Agriculture, Ottawa.