

the species to be a form of *rugosa*; but Sir George Hampson, to whom specimens were sent, declared this to be an error. Mr. Dod thereupon kindly sent additional material, and I secured typical *rugosa* from Maine and New Brunswick for comparison. The result is this description, which I believe characterizes as good a species as any in the genus. *Rugosa* is a smaller, less irrorate, more sharply-defined species, with ordinary spots of different form, s. t. line hardly indented, costal region gray, and colour of secondaries more decidedly yellow.

*Mamestra acutermis*, n. sp.—Related to *Goodelli* in general characters; but is smaller, darker, the maculation barely traceable, the apex of the primaries distinctly better marked. Of the seven specimens before me, two have no relieved maculation at all, though the general ornamentation may be made out by careful scrutiny; three others have a little black mark at the end of the claviform, and in these it is somewhat easier to determine the general markings. In the other two the ordinary spots are partly outlined by black scales, and the remainder of the ornamentation may be readily made out.

Expands 1.20–1.30 inches = 30–32.5 mm.

*Habitat*.—Calgary, Alberta, July 9, head of Pine Creek, Mr. Dod; Cartwright, Manitoba, Mr. Heath; Wellington, Brit. Col., July 17, August 24, Mr. Bryant; Volga, South Dakota, Mr. Truman.

Five males and two females. One male measures 1.20, another 1.30 inches; all of the others measure 1.25 inches. An equal number of *Goodelli* range from 1.35 to 1.50 inches; 1.40 being about the usual size.

*Orthosia verberata*, n. sp.—Ground colour varies from dull grayish to reddish luteous. Head and thorax immaculate. Primaries with all the maculation defined; s. t. space a little the darkest part of the wing, but not strongly contrasting. Basal line single, smoky, nearly upright. T. a. line single, narrow, smoky, outwardly angulate on costal, inwardly on median vein, outcurved in the submedian interspace and well bent out below the internal vein. T. p. line geminate, the inner part narrow, smoky, linear, the outer merely a darkening of the s. t. space, even in course, outcurved over cell, a little incurved below. S. t. line outwardly diffused, irregular, pale, preceded by a distinct reddish shade. There is a series of small, smoky terminal lunules. Median shade diffuse, smoky, outwardly bent between the ordinary spots so as to darken the reniform