

76. *Xylota barbata*, Loew.—Port Renfrew, July 25, 1902, and Glacier, Aug. 21, 1902, and by Harvey, at Vancouver, June 19, 1903. Taken also at Seattle, Wash.

77. *Syrirta pipiens* (Linné).—Abundant. Port Renfrew, Victoria, Vancouver, Agassiz and Glacier, at dates ranging from July 17 to Aug. 19. Harvey has taken it at Vancouver, June 19, 1903. Taken also at Laggan and Banff, Alberta.

78. *Sphecomyia Pattoni*, Williston.—A single male specimen taken at Glacier, Aug. 21, 1902, I place here with some doubt. In general appearance it is much like *Pattoni*, but it shows the following differences: The ground colour of the face seems to be entirely dull black under whitish pollen, and there is no shining facial stripe; the spots of the thorax white instead of yellow, and there is a fringe of yellow pile on the scutellum; the legs differ in the extent of yellow and black. It may be a distinct species. The type locality of *Pattoni* is Washington.

SOME NOTES ON APHIDIDÆ.

BY T. D. A. COCKERELL.

Macrosiphum ambrosiæ (Thomas).—*Siphonophora ambrosiæ*, Thomas, Bull. Ill. State Lab. Nat. Hist., 1878, p. 4.

Found at Pecos, New Mexico, on *Lactuca*. The following account is based on the Pecos specimens:

Very dark brown, very shiny; legs, antennæ and nectaries black, except that the basal part of legs, to near middle of femora, is brownish-white; stigma pale green; cauda of winged ♀ yellowish-white. Measurements of winged ♀ in μ : Marginal cell about 900, of which about 340 is substigmatal; cubital vein between branches 850 to 970; cauda 450; nectaries about 820, minutely imbricated; beak about 950, last joint about 160; antennal joints, (1) 130, (2) 80, (3) 900, (4) 750, (5) 725, (6) 200, (6a) 1,130; 3 has numerous sensoria on the under side, 4 has no sensoria; the hairs on 3 and basal half of 4 are knobbed, as also are practically all those on the anterior legs.

Young dull reddish, minutely tuberculate, not pruinose.

This Pecos form may be separable as a variety; in Schouteden's table of European species it runs to *M. cichorii* (Koch). It certainly is not *M. muralis* or *M. lactuce*.

Pemphigus lucifugus (Zehnt.).—*Tetraneura lucifuga*, Zehntner, De Pflanzenluizen Van het Suikerriet op Java, XV. (1901). Pl. 2, figs. 29-34.

By the venation of the hind wings this cannot be a *Tetraneura*.