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A NEW AUTOGRAPHA FROM THE ALBERTA ROCKIES.

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Autographa Sansoni, n. sp.

Head and thorax rich olive-brown, all the crests and ridges tipped with violaceous. Abdomen dark ochreous, densely shaded posteriorly with fuscous and gray, with pinkish lateral tufts, and an anterior dorsal crest of colour of those on thorax. Ground colour of primaries of the same violaceous tint as the crest tips, shaded and reticulated with olivaceous and velvety blackish-brown, the darkest shades being in central area below the median vein, the basal and inner subbasal spaces, and a subterminal shade near apex. Basal line from costa to vein 1 nearly straight, and nearly at right angles to median vein, to which point it is double, dark-filled, the inner portion metallic, thence single. T. a. line single, metallic, sharply dentate outwardly below costa, outcurved below median vein, bordered anteriorly by a narrow dark olivaceous-brown shade, which is preceded by a narrow shade of the pale ground. T. p. line paler than ground, but scarcely metallic, except on inner margin and just below vein 2, narrowly bordered both sides by dark brown, distinct throughout its length, outcurved and slightly sinuate from costa to vein 5, almost direct to vein 2, thence slightly sinuate to inner margin. S. t. line defined by pale space between subterminal and terminal shades, undulate, with an inward sinus below vein 2. The preceding shade is dark olivaceous, shading into metallic-green between 1 and 3, blackish between 3 and 6. A pale line at base of fringes, preceded and followed by dark lunules, the anterior row being divided from the preceding olivaceous terminal area by a fine pale line. Fringes cut with dark opposite veins.

Spots finely outlined with metallic-silver, about of *californica* and *pseudogamma* pattern. Sign silvery-metallic, consisting of two lines running obliquely downwards and outwards from median vein just below reniform, coalescing at about a third of their length, and continued as a broad line slightly upcurved, of even width, blunt at extremity, almost reaching the t. p. line just below vein 2. There is a pale fulvous patch extending from just below the junction of sign to the t. p. line.