

The Canadian Entomologist.

VOL. XLVII.

LONDON, JANUARY, 1915

No. 1

FURTHER NOTES ON ALBERTA LEPIDOPTERA, WITH DESCRIPTION OF A NEW SPECIES.

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(Continued from Vol. XLVI, p. 403.)

603. *Hadena violacea* Grt.—A specimen taken at Banff on Sept 20th, 1901, by Mr. Sanson. I have also a few British Columbia records.

604. *Hyppa indistincta* Sm.—I took a female at light at the Laggan Chalet on July 18th, 1907. It agrees with the figures and description of the female type from Mt. Hood, Oregon, which I have seen in the Brooklyn Museum. This was stated to be a male in the description. I have a similar female from Kaslo, and have seen others in Mr. Cockle's collection. Dr. Dyar records the species as *indistincta* in the Kootenai List, but suggests that both *brunneicrista* Smith and *rectilinea* Dyar (not Esper), from Alaska, are the same thing.

As to the distinctness of *brunneicrista* I have little doubt. *Indistincta* wholly lacks the rusty fulvous marks characteristic of that species, and the terminal line in both my specimens is slightly angulated in the submedian interspace, where it is preceded by a blackish crescent-shaped cloud edged with a few chocolate brown scales of the same shade as the lower portion of the median area. In this respect it resembles *xylinoides* rather than *brunneicrista*, which lacks the black crescent-shaped cloud in the submedian interspace, in which the rusty fulvous shade is paler than any of the brown shades on the wing. The angle, however, does not seem obvious in Smith's figure, and may be variable. The maculation of *indistincta* is, as its name implies, less distinct than in the others, and the general colour more dull and even, without the contrasting white. In my Laggan specimen the black line on the collar is incomplete centrally, but in the Kaslo example the collar is damaged. No such line is referred to in the description. The wing form is that of *brunneicrista*, and shorter than *xylinoides*.