

FURTHER NOTES ON ALBERTA LEPIDOPTERA.

BY F. H. WOLLEY DOD, MILLARVILLE, ALBERTA.

(Continued from page 236.)

170. *H. sora* Smith.—Vide notes under previous species. Banff, July 16th to 22nd, several specimens, from Mr. N. B. Sanson. The difference in dates of the Banff specimens is evidence in favour of distinctness of this form from No. 169. My remarks concerning *auranticolor* in my original note on this species (XXXVII, p. 21, 1905) should be disregarded.

171. *H. montana* Smith appears to be the correct name for this species, which is sometimes a day-flier at snowberry flowers on the prairies. *Montana* was described from Colorado as a probable variety of *inordinata*, and stands as a variety in Smith's Catalogue and Check List, and as "ab. 2" of that species in Hampson. Prof. Smith states that his type is in the Washington Museum. The specimen there bearing the Museum "type" red label is marked "? Type" on another label, and comes from Platte Canyon, Colo. A Denver, Colo., specimen in my own collection is exactly like some of my local series. *Inordinata* was described from Massachusetts, and most eastern specimens that I have seen are darker, and have maculation much more distinctly cut and contrasting, and have a somewhat strigate appearance. Some Colorado specimens that I saw in Prof. Smith's collection appeared about intermediate, so I do not wish to challenge the specific reference. But the only eastern specimen in my collection, from Stonnington, Conn., differs from my Colorado and local series much more than many eastern and western forms do from each other which are claimed to be good species. Hampson's figure seemed to me to be too even and brown for any specimen that I compared with it in the British Museum, but Massachusetts is given as the locality in the key to the plate. Except in having a distinct postmedial line on secondaries, it much more nearly resembles *montana* than most eastern specimens that I recollect having seen.

The type of *semilunata* Grote is a female in the British Museum from Washington Territory. It is grayer and more suffused than any of the specimens above mentioned, and lacks the reddish brown shades on primaries. My notes indicate that I thought it very probable that it might be a smoky dark female of *inordinata*. But a female from Washington stood under *semilunata* in the New York Museum, mixed with *montana*, which I noted was "dark, suffused, even and distinct" (*i. e.*, from