

The Canadian Entomologist.

VOL. XLIII.

LONDON, NOVEMBER, 1911.

No. 11

FURTHER NOTES ON ALBERTA LEPIDOPTERA.

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

(Continued from page 339.)

248. *Euxoa vallus* Smith.—The type from Laggan is a female, and not a male as I stated in my previous notes. Besides that, I have seen a female taken here on Oct. 5th, 1907, now in my collection, and a male taken by Mr. Sanson at Banff on Sept. 8th, 1909. This appears to be a valid species, so far as I can judge. After seeing my own female and the type, I had supposed them to be large suffused specimens of *vulpina*, but Mr. Sanson's male made me change my opinion.

249. *E. pestula* Smith is, I have been very much surprised to find, the correct name for what I had listed as *pleuritica*. Prof. Smith has a pair of types in his collection from Calgary, and the rest of his series under the name when I saw his collection were the same species. But most unfortunately all five co-types which Prof. Smith sent me when he described it, along with several others bearing his own *pestula* label, are *focinus*, or at any rate of that group, which accounts for my confusion of *pestula* with *focinus* (XXXVII, p. 60, 1905). There is a resemblance between certain specimens, but their distinctness is unquestionable. My comparison of this species with *messoria* holds good.

Sir George Hampson figures Grote's male type of *pleuritica* under the erroneous name of *insignata* Walker. This *insignata* of Walker's is a rubbed female from Nova Scotia, but is easily recognizable as *ochrogaster* Guen., as pointed out by Prof. Smith in Journ. N. Y. Ent. Soc., XV, 143, 1907. My likeness of *pestula* to Hampson's figure is quite justified (XXXVII, 56), but I fear I must retract the statement that it is "without doubt" the same, as, though closely allied, I believe them to be distinct. As it happens, the figure is a bit more variegated than the specimens, and too ochreous, and the pale gray shades on costa and inner margin are exaggerated. I should probably suspect *pestula* of being *pleuritica*, were it not that I believe I recognize the latter in another very closely allied species occurring here, to be treated of under additions.