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PRELIMINARY LIST OF THE MACRO-LEPIDOPTERA OF ALBERTA, N.-W. T.

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(Continued from page 94.)

488. *Hydriomena quinquefasciata*, Pack.—Very common. Middle July to middle Aug. Exceedingly variable. The specimens that I have from the mountains (Banff) are duller in colour than those taken nearer Calgary, with less green. Mr. Taylor says: "It is best for the present to use the name *quinquefasciata*, Pack., for the moth we have been calling *sordidata*. It is probably the same as the *sordidata*, Fabr., of Europe (but a good variety), but it is not the *sordidata* of Packard's Monograph, which I think must bear Packard's name, *nubilifasciata*."

489. *H. ruberata*, Freyer.—Mr. Taylor says: "This species, which stands in most of the collections as *trifasciata*, is, I think, really *ruberata*, Freyer, of which I have English specimens. The *trifasciata* of Packard was not the *trifasciata* of Borkhausen, which = *autumnalis*, Ström." My records up till 1905 were June and early July, and I never saw it at all common. But during the present season (1906) the males have come rather freely to outdoor light between May 10th and 14th.

489a. [*H. autumnalis*, Ström.—Of a specimen taken by Mr. Hudson at Springbank, near here, on May 30th, 1905, Mr. Taylor said: "More like European *autumnalis* than most others I have seen." The specimen was much more strigate and less obviously banded than any *ruberata* I had previously seen, and certainly suggested another species. But after comparing it with some of the more recent captures of *ruberata* above mentioned, I am doubtful of its distinctness therefrom. I have compared this specimen with the species in Mr. Cockle's collection at Kaslo, recorded as *autumnalis* in the Kootenai list, and believe it to be entirely distinct.]

490. *H. multiferata*, Walk.—Two specimens near Billings's mill, July 3-7, 1895, and June 19th, 1898.

491. *H. custodiata*, Gn.—A male at light on Pine Creek on July 18th, 1903, and a female flying in the daytime by the Red Deer River, north-east of Gleichen, on July 4th, 1905. Mr. Taylor tells me that Dr.