

GEOMETRID NOTES.

NEW HYDRIOMENA VARIETIES.

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Hydriomena speciosata Pack.(a) *Agassizi*, nov. var.

Expanse, 38 mm.

Packard, in his original description (Proc. Boston Soc. Nat. Hist., XVI, p. 22, 1874), had two males of different colour and markings. The one from which most of his description was drawn was a pale pea green form, wholly different from the black margined form, which I shall call the variety, limiting the other as type. In *Agassizi* the palpi are long and slender. Fore wings: basal band black, then a whitish-green space to first line of mesial band, which is narrow, black and angulated on median vein, followed by a narrow whitish-green band and then a wide dark band or γ band, which is twice as broad as in *speciosata*, almost 3 mm. Third line broken just below costa, where it is whitish-green, then begins black on median vein, below which are two whitish-green spots. Extra discal line black and same as in *speciosata*, mesial space so narrow as to be practically absent. Beyond extradiscal line is a broad irregular greenish-white band running to inner margin; beyond this the wing is entirely black except at apex, where there is a green apical streak and two yellow-green spots at centre of outer border.

Beneath fore wings brown and yellow, the bands of above showing through, but broader than in *speciosata*, in which also the black outer border is absent.

This variety was noted by Packard in the original description in the last three lines, and again in the monograph. It is very distinct, and can be recognized by the broad mesial γ band and the black outer margin, which is pea green in *speciosata*. It is a colour variety of *speciosata*, and I shall explain its position in my revision, which I cannot complete as yet, as I have to return at once some of the types, which were kindly loaned me, and do not permit of delay. I shall explain all other varieties to follow in my revision.

Type, 1 ♂, Mendocina City, Cal., collected by A. Agassiz, and in University Museum collection, Cambridge, Mass.

Hydriomena speciosata Pack.(b) *Taylori*, nov. var.

Expands 31 mm., with the palpi long (2 mm.) and slender, head brownish-olive, as is body and thorax. Fore wings brownish-olive, with a