

Basal portion yellow; basal line runs at right angles from costa to median vein, then goes straight to inner margin, and is black and not very wide, slightly shaded with white; mesial band yellowish, except where the wide irregular black band runs through it. This second band, or γ band, as it is sometimes called, is notched strongly on each vein, and as it approaches inner margin increases in intensity, ending in a black blotch. The third band from body is black, and very narrow, merely a hair line, and runs from costa almost straight to median vein, then on vein 2 forms a prominent projection, whence it curves back to inner margin. This tooth on vein 2 is very peculiar, and is characteristic of this variety in that it is the only projection from the line which runs from costa to inner margin. The mesial space is very light ash, with slight yellowish staining. Discal spot, linear, black and very faint. Extradiscal line narrow, bending outward sharply from costa, then in again, forming a blunt projection opposite discal spot, then curving back to vein 3, where it forms another slight projection, then bending back to inner margin. Beyond extradiscal band the margin is yellowish, with the usual irregular broad band running through the middle; outside of this the veins are dotted with black; usual black apical streak present. Marginal dots at ends of veins in fringe, which is short and yellowish. Hind wings almost white, with traces of two irregular lines near outer margin. Beneath very light ash, with lines above faintly showing through. This is a very striking variety, and I am not positive it is not a good species. It can be easily recognized by the yellow colour and prominent projection on fore wing, vein 2, where at most all other species and varieties have an indentation. I have a female from Newfoundland which is very close to this.

Type, 1 ♀, Victoria, B. C., 1892 (not perfect), in Swett coll.

Co-type, 1 ♀, Victoria, May 22, 1909, in A. J. Croker coll.

There are also specimens from B. C. in the British Museum under *pluviata* Gn., which resembles slightly my *H. edenata*, but has shorter palpi.

Hydriomena autumnalis Strom.

(a) *PERFRACTA*, nov. var.

Expanse, 30 mm. Palpi moderate, head gray, as is thorax and abdomen; close to thorax there are two black longitudinal dashes. Fore wings greenish-gray except for mesial space, which is light ash, with reddish cloudings. Basal band black, thick, running back from costa to median vein, then waving to inner margin. Mesial band gray, with usual γ band running through in a zigzag manner, ending in dark spot at costa. Third band linear, black at costa, just below which it becomes red and runs zigzag to inner