

GROUP WITH MODERATE PALPI.

8. *Hyd. autumnalis* Ström or *pluviata* Gn. { White mesial space, olive shadings, slate-coloured bands.
- Var. (a) *perfracta* Swett. { (a) White mesial space suffused with pink.
- Var. (b) *crokeri* Swett. { (b) Green ground colour replaced with yellow, black bands.
- Var. (c) *columbiata* Taylor. { (c) As typical, mesial space suffused with cinereous and narrow, very large size.
- Var. (d) *constricta* Strand. { (d) Mesial lines smutty, lines indistinct.
- Var. (e) *nigrescens* Hoyn.-Hewne. { (e) Unicolorous; smutty suffused.
9. *Hyd. transfigurata* Swett. { Green ground colour, tendency of extra- and intradiscal lines to join near inner margin.
10. *Hyd. californiata* Pack. { Red shadings to lines and mesial space.
11. *Hyd. lanavahrata* Streck. { Said to be var. of *californiata*.
12. *Hyd. glenwoodata* Swett. { Long-winged slender species with s-shaped intradiscal line.
13. *Hyd. magnificata* Taylor. { Black and green.

I wish to thank Mr. A. F. Winn and Mr. G. Chagnon for the loan of specimens, and the latter for his help on the genitalia, on which we hope to publish something later. I append a few of the more important references to *Hyd. autumnalis* and its varieties:

1783. *autumnalis* Ström, Kgl. dansk. Vid. Selsk. Skr., p. 85.
1776. " Dennis & Schiff, Syst. Verz. Wien, 109, 5 (not described).
1786. *autumnalis* Sepp., II, pl. 5, figs. 1-8.
1794. *trifasciata* Bork., Eur. Schmett., V, p. 308, No. 141.
1797. *impluviata* Hüb., Eur. Schmett., 223 (post 1797).
1810. " Haw., Lepid. Brit, part 2, p. 321.
1822. " Hüb., Verz. Schmett., 322, 3, p. 106.
1828. " Treits., Schmett. Europa, VI, part 2, p. 21.
1829. " Stephens, Nomenc. Brit. Ins., p. 44.
1830. " Dupon., Lep. France, V, p. 424, pl. 200, fig. 3.
1831. " Stephens, Ill. Brit. Haust., III, p. 254.