

*Harpiphorus maculatus*, Norton.

I think the last word has not been said in the controversy as to the identity of this form with *Monostegia ignota*. Mr. Mally apparently disposed of the question (Insect Life, III., 9) by showing that *M. ignota* had always four submarginal cells and came from a larva with immaculate head, whereas *H. maculatus* may have three or four submarginal cells, but comes from a larva with a black spotted head.

Now I have to record the breeding of two specimens of *H. maculatus* from larvæ with black spotted head (as required), but also two specimens of the same insect (three submarginal cells) from larvæ with immaculate head, on strawberry, and another specimen from a similar larva on raspberry.

These observations are contradictory to Mr. Mally's conclusions; but agree with the original contention of Mr. Harrington, that the species are identical. Another fact is in favour of Mr. Harrington's view. The larvæ of both forms are structurally and in habits those of *Harpiphorus* (or *Emphytus*), not *Monostegia*, *Eriocampa* or *Caliroa*. The two types are rather distinct.

*Egg*.—I have nothing to add to Mr. Mally's account.

*Stage 1*.—Head black or dark brown, with a black shade around the eye; width .25 to .3 mm. Body whitish, rather opaque, but the food showing by transparency; distinctly annulate, no marks. Thorax slightly enlarged. Rests with the body extended.

*Stage 2*.—Head pale brown, with or without traces of a vertical and lateral black patch; eye black; width .4 mm. Body all whitish, food showing; annulate, as before.

*Stage 3*.—Head pale brown or whitish-testaceous, shining, the eye black, immaculate or with the three black spots of the mature larva (black spotted variety); width .6 mm. Body whitish, not shining, about 6-annulate, no marks. The larva rests with the body curled.

*Stage 4*.—Head whitish to pale brown, as before; width .8 mm. Body whitish, like ground glass, only coloured by the food from within. Feet on joints 6 to 13; thorax a little larger than abdomen; head large in proportion.

*Stage 5*.—Head whitish or slightly brownish, immaculate, except for the black eye, with a trace of black shades or a dusky black cloud on the apex and a smoky darker patch behind and a little above the eye; width 1.0 to 1.15 mm. Body as in the next stage, but without the small points;