

8. *Mecostethus gracilis*, Scudd.

*Arcyptera gracilis*, Scudd.; Bost. Jour. Nat. Hist., 1862, VII., 463.

*Stethophyma gracilis*, Thos.; Syn. Acrid., 1873, 99.

This species is found in precisely the same habitats as the preceding in Ontario, but in the West, at Winnipeg, Man., I have also taken it in prairies which were quite dry. It is not a very common species here, though by no means rare.

All my specimens were taken in August, though it is probably found throughout the season in which *M. lineatus* occurs. I have seen it at DeGrassi Pt. and at Aurora.

9. *Stenobothrus curtipennis*, Harris.

*Locusta (Chlocaltis) curtipennis*, Harr.; Ins. Inj., 1862, 184.

*Stenobothrus longipennis*, Scudd.; Bost. Jour. Nat. Hist., 1862, Vol. VII., 457.

*Stenobothrus curtipennis*, Harr.; Thos., Syn. Acrid., 1873, 91.

A very common grasshopper in low, wet meadows, clearings in swampy woods, etc. Probably found throughout the whole of or at least by far the greater part of Ontario. Both the long- and short-winged forms are common.

It comes to maturity about the first of July, or in some seasons a little later, and is found until about the beginning of October.

NOTES ON THE NOCTUID GENUS *HYDRÆCIA*.

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Descriptions of several *Hydræcia* larvæ have appeared in this magazine at various times, but as they were instances when the insects were infesting cultivated plants, the following notes are submitted to show their life history when found in more natural environments, and to assist the student in obtaining sufficient material in some of the species for comparative work. From the paucity of examples in collections and from the close relationship existing between most of the species, it is necessary to resort to breeding, or at least to have such a knowledge of their early habits as to secure extended series, before a very correct idea may be had of the representatives of this genus.

Since Mr. Grote worked over the group [*Hydræcia*, Guen.; *Gortyna*, Ochs.], describing as new many of the species, very little practical work has been done. He described from scanty material, and although his writings seem sufficiently lucid, the construction given some of his