

- g.* Wings darker (yellowish or brownish) in the apical part of the hind wings. 7. *old titia*.
- gg.* Wings darker (yellowish or yellowish-brown) in the basal part of both pairs 4. *americana*.
- aa.* Labrum entirely black, with metallic green or blue reflections.
- h.* Hind wing 28·5 to 32 mm. long 12. *capitalis*.
- hh.* Hind wing 36·5 mm. long 13. *majuscula*.
- § III. Hind wings with three† rows of cells in the area mentioned in § I. Labrum black, with a metallic green or blue reflection.

Males.

- a.* Inferior appendages rudimentary . . 13. *majuscula*; 14. *infecta*; 15. *tolteca* (distinguished by their superior appendages, see Tab. II.).
- aa.* Inferior appendages well developed 16. *rudis*.

Females.

- a.* Postcostal area of the front wings not very densely reticulated.
- b.* Postcostal area of the front wings with 2 or 3 rows of cells between the postcosta and the hind margin. Median space and quadrilateral with an average of 7 cross-veins each 14. *infecta*.
- bb.* Postcostal area of the front wings irregular, with a maximum of 5 cells (not rows) on a straight line from postcosta to hind margin. Median space and quadrilateral with an average of 11 cross-veins each . . . 16. *rudis*.
- aa.* Postcostal area of the front wings very densely reticulated, the cells not arranged in distinct rows, often 8 or 9 cells on a straight line from postcosta to hind margin 17. *maxima*.

The following sexes are unknown:—The male of *maxima*; the females of *fusco-guttata*, *sempronia*, *pilula*, *miniata*, *tolteca*.

It may also be of use to the student, who has, unfortunately, to deal with broken material, to enumerate the species which *when adult* possess certain features of coloration, &c., in the wings, an asterisk (*) indicating that the species in question varies as regards the feature stated:—

Males only.

Tips of the wings clear:—4. *americana**; 2. *cruentata**; 3. *vulnerata**; 12. *capitalis**; 15. *tolteca* (?).

Tips of the hind wings only with a red spot:—8. *caja*; 12. *capitalis**; 9. *pilula*; 14. *infecta*.

Tips of both wings with a red spot:—11. *miniata*; 12. *capitalis**; 13. *majuscula**; 16. *rudis*.

† Occasionally, in individuals of *H. americana*, there are three rows of cells in this area, but the labrum is in large part yellowish.