

## 2. *Pseudalypia bimaculata*.

*Agarista bimaculata*, Herr.-Schäff. Auss. Schmet. p. 71, f. 26<sup>1</sup>.

*Agarista trimaculata*, Boisd. Rev. et Mag. de Zool. 1874, p. 65<sup>2</sup>.

*Hab.* MEXICO<sup>1 2</sup>.

This insect is only known to me by Herrich-Schäffer's figure; but I cannot agree with Mr. Kirby in considering it a variety of the preceding species.

## ALYPIA.

*Alypia*, Hübner, Verz. bek. Schmett. p. 351; Packard, Proc. Essex Institute, iv. p. 23.

This genus contains about twenty species, only one of which occurs in our country.

### 1. *Alypia octomaculata*.

*Zygæna octomaculata*, Fabr. Ent. Syst. iii. 1, p. 402.

*Sphinx octomaculata*, Cram. Pap. Exot. iv. t. 345. f. C<sup>1</sup>; Hübner, Samml. exot. Schmett. f. 119, 120; Smith & Abbot, Ins. Georg. i. p. 87, t. 44<sup>2</sup>.

*Alypia quadriguttalis*, Hübner, Verz. p. 351.

*Alypia disparata*, H. Edwards, Papilio, iv. p. 13<sup>3</sup>?

*Hab.* NORTH AMERICA<sup>2</sup>.—MEXICO, Cordova (*Rümel*), Jalapa (*Höge*).—GUIANA<sup>2</sup>.

This species appears to be pretty common in Mexico; but as yet I have not seen any specimens from any locality further south. I very much doubt the locality given by Cramer being correct.

Mr. H. Edwards has recently described a species of this genus from Mexico<sup>3</sup>, and this may be represented by our specimens from the State of Vera Cruz. With the materials before me I am not in a position to give a positive opinion as to its specific value.

## HECATESIA.

*Hecatesia*, Boisduval, Monogr. Zygæn. p. 11; Walker, Cat. i. p. 54; Westwood, Trans. Linn. Soc. ser. 2, i. p. 199.

Professor Westwood, in his paper on *Castnia* and allied groups, places three species in this genus, all coming from the Australian region. I have recently received from Mr. Champion a fourth species, the neuration of the males being exactly the same as in those from Australia.

### 1. *Hecatesia falcata*, sp. n. (Tab. V. figg. 23 ♂, 24 ♀.)

Primaries of the males dark brown, marked with paler streaks of the same colour; two narrow greenish-brown lines crossing the wing from the outer side of the vitreous spot on the costal margin to near the anal angle; a narrow yellowish line from the base extending to the middle of the wing, which is thickly speckled with greyish-white scales; secondaries bright chrome-yellow, very broadly bordered with dark brown: head, thorax, and a tuft of hairy scales at the base of the abdomen dark reddish brown, the abdomen pale chrome-yellow; antennæ brown above, silvery white on the underside; legs yellowish brown; the underside of the primaries and secondaries pale yellow, with the outer margins of both wings