

### 3. *Phæochlæna cytheris*, sp. n. (Tab. XLI. fig. 11, ♀.)

*Female*. Primaries deep black, the veins close to the base pale cream-colour, a large oval cream-coloured spot about the middle and a very small similarly-coloured spot close to the apex; secondaries creamy-white, broadly bordered with black; head and thorax black; abdomen brownish-black above; dusky white beneath; antennæ black; palpi and tegulæ bright orange; legs black above, white beneath. Expanse  $1\frac{1}{4}$  inch.

*Hab.* MEXICO, Orizaba (*H. J. Elwes*), Cuesta de Misantla (*M. Trujillo*); COSTA RICA, Caché (*Rogers*).

*P. cytheris* is quite distinct from any described species; it comes nearest *P. cingulina* from Ecuador. The Costa-Rican specimen is figured.

## SIMENA.

*Simena*, Walker, Cat. vii. p. 1728 (1856).

*Cosmetodes*, Guenée, Sp. gén. des Lép. x. p. 225 (1857).

*Simena* and *Cosmetodes* were founded by their authors upon the same species, the types of each being from Mexico. The antennæ of the males are very deeply pectinated, those of the females simple, the two sexes otherwise closely resembling each other.

### 1. *Simena luctifera*. (Tab. XLI. fig. 12, ♂.)

*Simena luctifera*, Walk. Cat. vii. p. 1728 (♂)<sup>1</sup>.

*Cosmetodes joaria*, Guen. Sp. gén. des Lép. x. p. 225 (♂ ♀)<sup>2</sup>.

*Melandia æquinoctialis*, Boisd. Lép. Guat. p. 77<sup>3</sup>.

*Hab.* MEXICO<sup>1 2</sup>, Cordova (*Höge, Rümeli*), Jalapa, Coatepec (*coll. Schaus*), Cuesta de Misantla (*M. Trujillo*), Atoyac in Vera Cruz (*H. H. Smith*); GUATEMALA<sup>3</sup>, in the city (*Rodriguez*), Cubilguitz, Senahu, and Panima in Vera Paz (*Champion*); HONDURAS<sup>3</sup> (*Schenck, mus. Staudinger*); COSTA RICA (*Van Patten, mus. D.*), Volcan de Irazu, Caché (*Rogers*); PANAMA, Chiriqui (*Arcé, mus. D.*), Volcan de Chiriqui 2000 to 3000 feet (*Champion*).

We are indebted to Mons. C. Oberthür for kindly lending us the type of *Melandia æquinoctialis*, Boisd.; it does not differ from Walker's species. In Guatemala and Costa Rica this is a common insect, but in the State of Panama it appears to be very rare, Mr. Champion only having met with one example; from Mexico we have only a few specimens. A Mexican example is figured.

## Fam. URANIIDÆ.

The characters of this family are fully described by Prof. Westwood in his "Observations on the Uraniidæ," Trans. Zool. Soc. x. pp. 507-521 (1879).