

### 7. *Boarmia plenaria*.

*Boarmia plenaria*, Walk. Cat. xxi. p. 351 (♂)<sup>1</sup>.

*Hab.* MEXICO<sup>1</sup>, Cordova (*Rümeli*), Jalapa (*Höge*), Coatepec (*coll. Schaus*); PANAMA, Chiriqui (*Trötsch, in mus. Staudinger*), Volcan de Chiriqui 2000 to 3000 feet (*Champion*).

Apparently common in Mexico.

### 8. *Boarmia vacillaria*.

*Boarmia vacillaria*, Walk. Cat. xxi. p. 354 (♂ ♀)<sup>1</sup>.

*Boarmia delinquaria*, Walk. loc. cit. p. 360 (♂)<sup>2</sup>.

*Boarmia chalcea*, Oberth. Études d'Ent. vii. p. 30, t. 1. fig. 7<sup>3</sup>.

*Hab.* GUATEMALA, in the city (*Rodriguez*), Lanquin and San Gerónimo in Vera Paz (*Champion*); PANAMA, Volcan de Chiriqui 2000 to 4000 feet (*Champion*).—COLOMBIA, Muzo<sup>3</sup>; VENEZUELA; ECUADOR; BRAZIL, Rio Janeiro<sup>1 2</sup>.

Central-American specimens agree perfectly with those in my own collection from various localities in South America.

### 9. *Boarmia syrniaria*.

*Tephrosia syrniaria*, Guen. Sp. gén. des Lép. ix. p. 262 (♂)<sup>1</sup>; Walk. Cat. xxi. p. 409<sup>2</sup>.

*Boarmia syrniaria*, Oberth. Études d'Ent. vii. p. 30, t. 1. fig. 8<sup>3</sup>.

*Hab.* MEXICO, in the city (*Höge*), Venta de Zopilote 2800 feet, Dos Arroyos 1000 feet, and Acaguizotla 3500 feet, all in Guerrero (*H. H. Smith*), Coatepec (*coll. Schaus*); GUATEMALA, Volcan de Santa Maria, on the Pacific slope (*Richardson*), Las Mercedes 3000 feet, Cerro Zunil 4000 to 5000 feet, San Gerónimo (*Champion*); PANAMA, Chiriqui (*Trötsch, in mus. Staudinger*), Volcan de Chiriqui 2000 to 4000 feet (*Champion*).—COLOMBIA<sup>3</sup>; ECUADOR; PERU<sup>3</sup>; BRAZIL<sup>1 2 3</sup>.

Common on the slope of the Volcan de Chiriqui, whence we have received a large series of specimens; these do not show any variation, except that some of them are a little whiter than others.

### 10. *Boarmia* — ?

*Hab.* COSTA RICA, Rio Sucio (*Rogers*).

One specimen, a female, apparently of a distinct species, but not in sufficiently good condition for description.

### 11. *Boarmia validaria*.

*Boarmia validaria*, Guen. Sp. gén. des Lép. ix. p. 255 (♀)<sup>1</sup>; Walk. Cat. xxi. p. 356<sup>2</sup>.

*Boarmia vidriadaria*, Oberth. Études d'Ent. vii. p. 29, t. 3. fig. 3<sup>3</sup>.

*Hab.* PANAMA, Chiriqui (*Arcé, in mus. D.; Ribbe, in mus. Staudinger*).—ECUADOR; PERU, Huambo<sup>3</sup>; BRAZIL, Rio Janeiro<sup>1 2</sup>.