

26. **B. rubrostriata** (Auriv.) (Pl. II. fig. 37).

*Metarctia rubrostriata* Aurivillius, *Ent. Tidskr.* vol. xix. p. 185 (1898).

27. **B. daphaena** (Hmps.) (Pl. I. fig. 19).

*Pseudapiconoma daphaena* Hmps., *Cat. Lep. Het. Brit. Mus.* vol. i. p. 150 (1898).

28. **B. affinis** (Rothsch.) (Pl. I. fig. 20).

*Pseudapiconoma affinis* Roths., *Nov. Zool.* vol. xvii. p. 442 (1910).

29. **B. invaria** (Walk.).

*Anace invaria* Walker, *List Lep. Ins. Brit. Mus.* vii. p. 1720 (1856).

*Metarctia invaria* Hmps., *Cat. Lep. Het. Brit. Mus.* vol. i. p. 146 (1898) (partim).

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NEW BORNEAN *AEGERIIDAE* AND *SYNTOMIDAE*.

BY THE HON. W. ROTHSCILD, PH.D., F.R.S.

AMONG a number of Heterocera submitted to us for identification by J. C. Moulton, Sarawak Museum, Borneo, the following Aegeriids appear to be new. The types are in the Tring Museum.

FAMILY AEGERIIDAE.

1. **Aegeria ruficrista** sp. nov.

♂. Head and thorax brownish black; antennae black; forelegs blackish brown ringed with white, middle legs dark brown, tarsi with one cinnabar red and two glittering blue bands; hindlegs, basal half black with grey-blue scaling, tibia and first joint of tarsi with a gigantic tuft of brilliant cinnabar red hairs with two black spots and some patches of blue scales, rest of tarsi black with three broad glittering blue bands; pectus bluish white; abdomen black-brown with narrow hairlike white rings on the edge of the segments.—Forewing black-brown with vitreous streak in cell and vitreous patch scaled partially with opalescent blue beyond cell.—Hindwing vitreous, with black-brown outer and opalescent blue inner-marginal band.

Length of forewing: 8.5 mm.

*Hab.* Rock Road, Sarawak, April 21, 1909.

2. **Sphacia coeruleonitens** sp. nov.

♂. Head, thorax, antennae and abdomen black; forelegs black clothed with very long woolly hair except the last three joints of the tarsi; hindlegs with crest of hair along outer ridge of tibiae.—Forewing deep metallic glittering blue with black costa and washed with purple towards the apex.—Hindwing entirely metallic glittering blue.

Length of forewing: 21 mm.

*Hab.* Matang Road, Sarawak, January 18, 1910.



3. *Sphecia tricolor* sp. nov.

♂. Palpi and collar scarlet ; head, antennae and thorax black ; abdomen black with wood-brown anal tuft and wood-brown spots along sides.—Forewings black.—Hindwing semivitreous opalescent sky-blue, a very large tornal patch and fringes black.

Length of forewing : 19 mm.

*Hab.* Matang Road, Sarawak, October 30, 1909.

4. *Melittia auricollis* sp. nov.

♂. Palpi and antennae rufous orange ; head rufous orange mixed with black ; collar metallic golden ; abdomen blackish steel-blue ; forelegs with golden-brown tarsi and blackish tibiae and coxae ; middle legs black with golden-brown dots on tarsi ; hindlegs black with purplish tinted tufts.—Forewing metallic royal purple with some scattered green scales.—Hindwing yellowish vitreous with a large royal purple patch on apex of cell widening out over two-thirds of costal region ; nervures and margins purple.

Length of forewing 12 mm.

*Hab.* Mt. Penrissen, Sarawak, 3300 ft., November 14, 1909, and Ulu Lawas, August 31, 1909.

## FAMILY SYNTOMIDAE.

5. *Trichaeta biplagiata* sp. nov.

♀. Head, thorax, and abdomen black ; antennae black, with buff tips.—Forewing black, a subbasal, square, semivitreous patch below median vein, a larger patch at end of cell divided into four by the nervures, and extending from vein 2 to subcostal.—Hindwing blue-black.

Length of forewing : 13 mm.

*Hab.* Kiesin Hills, Sarawak, July 21, 1909.

6. *Trichaeta albifrontia borealis* subsp. nov.

Differs from *albifrontia albifrontia* in the absence of the upper subbasal white patch and the smaller size of the spot on hindwing.

*Hab.* Limbang, April 1909 ; in my collection also from Tuton, North Borneo, May 1895 (A. Everett).

7. *Amata leucozonoides* sp. nov.

♀. Differs from *leucozona* Hmps. in having the semivitreous white spots of the forewing much larger, and in the large spot in cell, and the absence of the spot near tornus.

Length of forewing : 25 mm.

*Hab.* Kuching, Borneo, June 1900.

8. *Eressa syntomoides* sp. nov.

♀. Frons white ; rest of head, antennae, and thorax dark brown, shoulders white ; abdomen dark brown, basal segment and lateral rows of spots white.—Forewing sooty brown, a large subbasal and a second smaller discal spot below median nervure semihyaline white, a similar spot in cell and postmedian band



of five spots.—Hindwing sooty grey, a subbasal patch and two beyond cell semihyaline white.

Length of forewing : 21 mm.

*Hab.* Trusan, Sarawak, November 1902.

The following two forms in my collection are likewise undescribed :

9. ***Eressa syntomoides hosei*** subsp. nov.

♂ ♀. Similar to *s. syntomoides*, but smaller and darker; ♂ has two instead of one semihyaline spot in cell, and abdomen ringed with white.

Length of forewing : ♂ 15 mm., ♀ 19 mm.

*Hab.* Mt. Dulit, North Borneo, February—March 1894 (Hose).

1 ♂, 3 ♀ ♀ (may be distinct species).

10. ***Eressa marcescens ericssoni*** subsp. nov.

♂ ♀. Differs from *m. marcescens* Feld. in the much paler mouse-grey colour, wider wings, and much larger  $\frac{3}{4}$  vitreous patches.

*Hab.* Padang Sidempoean, West Sumatra (Ericsson).

1 ♂, 4 ♀ ♀.

11. ***Eressa vespina*** sp. nov.

♂. Differs from *vespa* Hmps. in the smaller size, absence of yellow collar and thoracic stripes, only sides of tegulae yellow, in the yellow belts of abdomen being much narrower and paler, and last segment wholly brown. It also differs in having the tornal patch not extended along veins 2 and 3 to median vein, and in the border of hindwing being quite narrow and uniform, not broadly expanded at apex.

Length of forewing : 10 mm.

*Hab.* Matang Road, Kuching, October 5, 1903, and July 6, 1909.

12. ***Eressa? sexpuncta*** sp. nov.

♂ ♀. Head, antennae, and thorax sooty black; abdomen sooty black, basal and penultimate segments dirty white.—Forewing sooty black, with two ante-median and two postmedian hyaline white spots.—Hindwing sooty black, with a small subbasal and a large median hyaline white spot.

Length of forewing : ♀ 14 mm., ♂ 9 mm.

*Hab.* Limbang, April 1910, and Ulu Lawas, Sarawak, September 1909.

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Rothschild, Lionel Walter Rothschild. 1912. "New Bornean Aegeriidae and Syntomidae." *Novitates zoologicae : a journal of zoology in connection with the Tring Museum* 19, 122–124.

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