

VI. — SOME NEW MALAYAN LEPIDOPTERA.
BY R. VAN EECKE.

Papilio haliphron naias Doh.

1 ♀ Soemba, Dr. K. W. DAMMERMAN leg. 1925.

This specimen is remarkable by its fiery-red cellular and circum-cellular spots on the hind wings.

Euploea gelderi elwesi Doh.

2 ♂♂ 1 ♀ N. W. Soemba, Laora 100 M. IV/1925.

As far as I know only the females have been captured. The males of this rare subspecies resemble very much those from Flores, what is not the case with the females, easily recognizable by the large trans-cellular whitish spots on the fore wings. Characteristic in the males are the bluish submarginal spots, of which the subapical ones are very prominent and connected together.

In contradiction with the data by DOHERTY and FRUHSTORFER these specimens have been captured by Dr. K. W. DAMMERMAN on a height of 100 M.

Euploea crameri karimondjawensis subsp. nov.

3 ♂♂ 2 ♀♀ Karimon Djawa, M. A. LIEFTINCK leg. 22—30/XI, 1930.

To compare with the race from Bawean *pagenstecheri* Hag. Three distinct subapical white spots, one larger and two very small; a trace of a fourth spot. The costal points hardly visible in the males, distinct in the females, in which also the submarginal series of spots more developed.

Euploea alcathöe floresiana subsp. nov.

2 ♂♂ Wai Sano, Flores, J. K. DE JONG leg. IX/1929.

Not yet known from this island. On the upperside the males very dark without any traces of spots or lines. The brand on fore wing very small. On the underside three bluish points, of which one in the lower end of cell, the second opposite between veins 3 and 4, the third sub-costal above the upper end of cell. A whitish small spot between veins 2 and 3. On the hind wing traces of one cellular and three trans-cellular points; no lines. Resembling *pahakela* Doh.

Euploea lacordairei karimondjawana subsp. nov.

12 ♂♂ 2 ♀♀ Karimon Djawa, M. A. LIEFTINCK leg. 22—30/XI 1930.

Also resembling the race from Enggano *nica* Fruhst. and not the race from Bawean *baweanica* Fruhst. Very dark black-brown with a bluish gloss; in the greater part of the specimens the submarginal spots very small. In some specimens there are also bluish marginal points. The females much browner and not so spotted with blue.

Hestia leuconoë karimondjawae subsp. nov.

5 ♂♂ 3 ♀♀ Karimon Djawa islands, Dr. K. W. DAMMERMAN leg. 1926.

Resembling very much *enganoënsis* Doh., but the black cellular spots and especially the circumcellular ones between veins 1 and 2, 2 and 3 not so large.

Mycalesis perseus persa Sm.

3 ♂♂ Kambara, N. E. Soemba, III/1925; Laora, N. W. Soemba, IV/1925.

One of these specimens is identic with the so called dryseason-form of the North Philippines *caesonia* Wall.

Melanitis leda sumbana subsp. nov.

2 ♂♂ Kambara, N. E. Soemba, III/1925; Laora, N. W. Soemba, IV/1925.

Unicolorous dark brown on the upperside of the wings with traces only of the red and black area's round the subapical ocelli. The upper ocellus consists in a pure white spot with a black spot on the inner side and the other one in a fade black spot with a very small white centre. On the hind wing one or two submarginal white points surrounded by some black, near the anal angle.

Parthenos sylvia sumbae subsp. nov.

1 ♂ W. Soemba 1925.

Resembling very much *philippinensis* Fruhst., but with darker ground-colour and with the white spots of the transversal band on the fore wings more isolated and smaller, especially those to the apex.

Neptis columella karimondjawae subsp. nov.

1 ♀ Karimon Djawa islands, Dr. K. W. DAMMERMAN leg. V, 1926.

Not identic with the form from Bawean, resembling very much a specimen from the island Banca. The white subapical spots not large; the discal couple long, oval; the transversal band of whitish spots on hind wing smaller than in *bataviana* Moore; the submarginal series

consists of whitish blocks and not of lunules. The pattern on the underside of wings very clear.

Tagiades obscurus sumbae subsp. nov.

2 ♂♂ Laora, Soemba IV/1925; Kananggar, E. Soemba 700 M. V/1925.

On the upperside of the fore wing three very small subcostal fenestrae; two of such fenestral points in the end of the cell and two larger transcellular. The dark fascia and striae very distinct. The anal part of the hind wing pure white (3—4 m.M.); in the grayish part the four black spots prominent. On the underside the hind wing pure white except the costal, apical and subapical blackbrown part, one large black subapical spot and one much smaller. Three marginal black spots.

Eressa dammermanni nov. spec.

1 ♀ Mao Marroe, E. Soemba 450 M. V/1925.

Blackbrown with a bluish-green gloss; frons, tips of antennae, cheeks, innerside of femora of fore legs, spots on patagia, dorsal spot on first segment of abdomen and lateral series of spots on segments of abdomen pure white. Fore wings hyaline except the margins and the interspace between veins 5 and 6 and all the veins blackbrown; hind wings also hyaline except the costal and the outer margins. Exp.: 24 m.M.

Attacus dohertyi soembanus subsp. nov.

1 ♀ Soemba, Dr. K. W. DAMMERMAN leg. 1925.

I can not find a figure of a female of *dohertyi*. Probably the females of all the subspecies will show very well developed accessoric fenestrae. The specimen from Soemba is showing two long oval vitreous spots above the large fenestra on fore wing and two smaller ones above that of hind wing. The submarginal undulated blackbrown line is nearly disappeared on the fore wing; the subbasal black and white line on hind wing not straight but bent inwards; the dentated postmedial transverse band straight on hind wing, touching the large fenestra and one accessoric fenestra, free and more bent on fore wing. General colour lighter than in males from Flores and Tenimber.

Opodiphthera jurriaansei nov. spec.

6 ♂♂ & 6 ♀♀. From Tenimber, Oelilitsaumlakki ex coll. J. H. JURRIAANSE 1920.

♂. Resembling *Opodiphthera astrophela* Walk. from Australia but larger. Fore wing with the costa somewhat incurved to the base and

excurved towards apex, which is rounded; outer margin very slightly excised. Hind wing rounded. Colour chrome-yellow with the costa of fore wing and a band on the collar grayish. A diffused brownish short band in base of cell from near origin of vein 2 to costa; more inwards a trace of a subbasal diffused brownish band from cell to inner margin. An irregular oval ocellus, bordered by a brown small line and filled up by orange and some gray without centre. A brownish gray postmedial line straight from inner margin to before apex and there somewhat bent inwards, not reaching costa and diffused. Hind wing with darker ocellus and faint postmedial line. Underside soother chrome-yellow; the ocelli more distinct and the postmedial lines fainter.

♀. With the fore wings broader, without any traces of subbasal lines on fore wings. General colour sooth reddish brown with some yellowish tinge on bases of wings. Underside unicolorous grayish red-brown.

Wingexpansion ♂ 73—80 m.M.; ♀ 85—90 m.M. Types in Museum Leiden.

Antheraea rumphi subsp. nov.?

1 ♀ From Flores, Maumerie 1907 ex coll. JURRIAANSE.

As far as I know no *Antheraea* has been recorded from Flores.
