

A NEW FORM OF SWIFT FROM MADAGASCAR.

By ERNST HARTERT.

THE Rev. James Wills sent to the Tring Museum, together with some other birds (among them a specimen of the rather rare *Caprimulgus enarratus* Gray), a skin of a swift which I cannot refer to any known form. It is a form of *Micropus melba*, or rather of its subspecies *M. melba africanus*, but *very much smaller*. It is of the usual dark sooty blackish brown above, on the under wing-coverts, anal region and under tail-coverts, across the jugulum, and along the sides of the body and sides of head; forehead a little paler; chin, throat, and middle of breast and abdomen white; flank-feathers with whitish edges. The white on breast and abdomen much more restricted than in *M. melba*, and also the white on the throat not reaching so far towards the sides as in *M. melba*. Total length about 175 mm.; wing 190; tail 70; tarsus 14; culmen 10.

I name this form

***Micropus willsi* sp. nov.,**

in honour of its discoverer. The single specimen was obtained at East Imerina, in Eastern Madagascar, on February 1st, 1896. Its sex has not been ascertained.

SOME UNDESCRIBED LEPIDOPTERA.

By THE HON. WALTER ROTHSCHILD.

PAPILIONIDAE.

1. *Papilio canopus sumbanus* Rothsch. subsp. nov.

Comes close to *alorensis* Rothsch., Nov. Zool. I. p. 686 (1894), and II. t. VIII. f. 4 (1895), but differs as follows:—

Paler brown. Forewing with three creamy white (♂) or white (♀) patches in apical region between upper discoidal and third subcostal veins; the two first patches have a length of about 6 mm., while the third is much smaller; at anal angle two or three small spots; no spots between median nervules.

Hindwing with the discal band very narrow, the spots composing it being scarcely more than 1 mm. broad, or almost entirely obliterated; submarginal spots absent or showing through from the underside.

Underside paler than upperside. Forewing as above. Hindwing with submarginal lunules distinct; discal macular band as above, or faintly broader.

Hab. Patadala, Sumba; 1 ♂, 1 ♀.

SPHINGIDAE.

2. *Cephanodes unicolor* Rothsch. sp. nov.

Similar to *H. simplex* Rothsch., but differs in the uniform apple-green of the head, thorax, and abdomen. Anal tuft apple-green, with orange and black margins.

Underside: palpi white; thorax and legs buffy yellow; abdomen brownish buff; anal tuft black and orange.

Hab. Coomoooolaroo, near Duaringa, N. Queensland (Earnard leg.); 2 ♂, 1 ♀.

COSSIDAE.

3. *Xyleutes boisduvali* Rothsch. sp. nov.

This insect is found in collections under a manuscript name of Boisduval's, but has never been described.

Forewings: uniform silvery grey, densely powdered with brownish scales, giving it an ash-grey tinge. On the disc of the wing and between the median nervules are some ill-defined dark brown blotches, varying much in size and shape in individual specimens.

Hindwings: costal margin whitish silvery grey; rest of wing black-brown, powdered with grey between the submedian and first median nervules.

Head, shoulders, and thorax silver-grey; centre of thorax black, powdered slightly with grey; first segment and anal segment of abdomen whitish grey; rest of abdomen black, each segment bordered with greyish white.

Underside: all four wings blackish brown, powdered with grey and broadly bordered all round with grey. Coxae, thorax, head, and abdomen greyish white; legs banded grey and black.

Expanse: ♂ forewing AM 68 mm.; EM 28 mm.; PM 50 mm.

 " ♀ " " 85 " ; " 37 " ; " 59 "

 " ♂ hindwing " 47 " ; " 40 " ; " 22 "

 " ♀ " " 59 " ; " 51 " ; " 32 "

Hab. Burdekin River, Queensland; 5 ♂, 6 ♀.

4. *Xyleutes magnifica* Rothsch. sp. nov.

Forewings: uniform pale grey in the ♀, one of my two specimens showing some indistinct dark patches between the median nervules; in my two ♂♂ these spots are distinct.

Hindwings: costal margin white; rest of wings chestnut-red.

Head and thorax grey; abdomen of ♀ chestnut-red, with anal segment grey; in ♂ chestnut-red, with dorsal stripe and two last segments grey.

Expanse: ♂ forewing AM 64 mm.; EM 21 mm.; PM 38 mm.

 " ♀ " " 101 " ; " 43 " ; " 70 "

 " ♂ hindwing " 36 " ; " 27 " ; " 18 "

 " ♀ " " 70 " ; " 65 " ; " 36 "

Hab. Brisbane district, Queensland; 2 ♂, 2 ♀.

5. *Xyleutes pulchra* Rothsch. sp. nov.

FEMALE.—*Forewings*: pale grey, spotted with black dots along costa and outer margin; from apex to the second median nervule there is an oblique black streak. On the disc is a group of six large black patches. Between the submedian vein and the inner margin the forewings are clouded with black.

Hindwings: blackish grey; fringe white, with black dots at apices of veins.

Head, middle of thorax, and upperside of abdomen black, the latter grey at bases of segments; apical segment grey. Tarsi with black and white rings.

Expanse: forewing AM 39 mm.; EM 17 mm.; PM 26 mm.

 " hindwing " 27 " ; " 22 " ; " 12 "

Hab. Toowoomba, Brisbane district, Queensland; 1 ♀.



Rothschild, Lionel Walter Rothschild. 1896. "Some undescribed Lepidoptera." *Novitates zoologicae : a journal of zoology in connection with the Tring Museum* 3, 231–232. <https://doi.org/10.5962/bhl.part.5424>.

View This Item Online: <https://www.biodiversitylibrary.org/item/22554>

DOI: <https://doi.org/10.5962/bhl.part.5424>

Permalink: <https://www.biodiversitylibrary.org/partpdf/5424>

Holding Institution

Natural History Museum Library, London

Sponsored by

Natural History Museum Library, London

Copyright & Reuse

Copyright Status: Public domain. The BHL considers that this work is no longer under copyright protection.

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.