

TWO NEW MOTHS FROM THE ISLAND OF YAKUSHIMA, SOUTH KYUSHU

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THREE FIGURES

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In the present paper the author describes a new species and a new subspecies of the Liparidae* collected in the Island of Yakushima, South Kyûshû. The type specimens are preserved in the Entomological Laboratory, Department of Agriculture, Kyûshû Imperial University.

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Orgyia triangularis n. sp.

(Jap. Name: Yakushima-dokuga)

(Fig. 1)

♂. Body dark brown. Fore wings darker brown with the inner and outer lines indistinct, wavy, which are approaching each other towards the lower part of the wings. Three small patches with white scales are present along the costal margin, one each at the apex and at the end of the two lines mentioned above. Marginal hair dark brown, not very long. Hind wings darker brown with two very conspicuous, bright orange-yellow patches, of which the one in the cells II-IV is broad and triangular, while the other in the cell I is linear, running along the vein 1b. Marginal hair arranged with brown and orange-yellow alternately, not very long. Underside of the wings darker brown than the upperside, with the lower parts of each wing broadly tinted with orange-yellow.

Expanse: 37 mm.

Length of body: 15 mm.

Habitat: Yakushima, South Kyûshû.

* The author gave already some notes on these forms in his previous paper: Studies on the Lepidoptera-fauna of the Island of Yakushima, South Kyûshû (Bulteno Scienca de la Fukultato Terkultura, Kjusû Imperia Universitato, vol. vii, no. 4, p. 406-517, 1938).

Holotype: 1 ♂, Chigamiyama (Yakushima), 14. XI. 1936, K. Nomura leg.

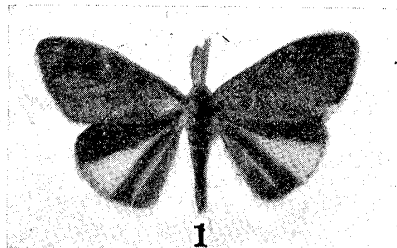


Fig. 1 *Orgyia triangularis*
Nomura, ×1.

This species was recorded by the author in his previous paper under the name "*Lymantria* sp." (loc. cit., p. 429, no. 8).

The species resembles *Orgyia trigotephras prisca* Staudinger occurring in Mongolia, but differs from it in the ground colour of the wings tinged with blackish brown and also in the presence of the remarkable, orange-yellow patches on the hind wings.

Numenes disparilis yakushmanus, n. subsp.

(Jap. Name: Shiroobi-dokuga)

(Fig. 2)

Closely allied to the subspecies *albofascia* Leech (Fig. 3) occurring in Honshû and Kyûshû, but differs from it in both the sexes in having orange-yellow hairs on the head, thorax and fore legs. The

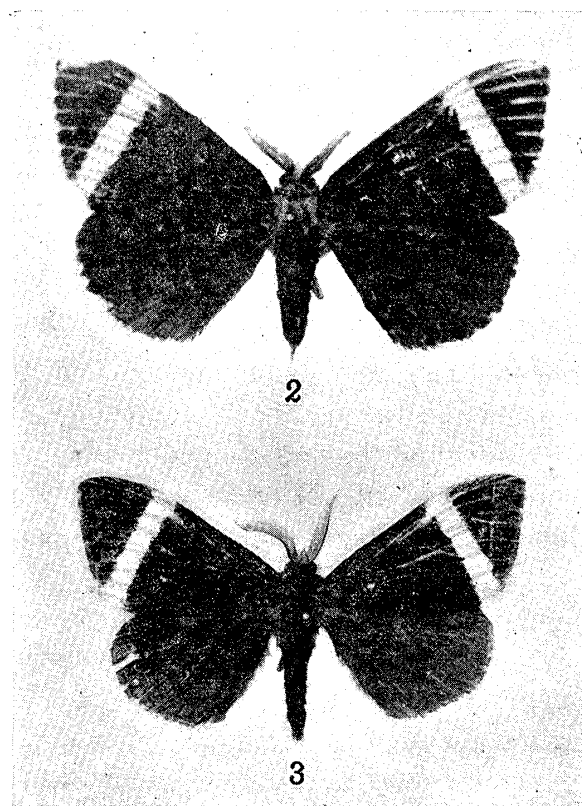


Fig. 2. *Numenes disparilis yakushmanus* Nomura, ×1.

Fig. 3 *N. d. albofascia* Leech, ×1.

TWO NEW MOTHS FROM THE ISLAND OF YAKUSHIMA, SOUTH KYUSHU 435

same difference is also present between this form and the typical subspecies *disparilis* from China and Amur district besides the differences in the wing-patterns. So far as the wing-patterns* are concerned, the new subspecies is identical with *albofascia* from Japan proper.

Expanse: ♂. 56-70 mm., ♀. 80 mm.

Length of body: ♂. 20-26 mm., ♀. 25 mm.

Habitat: Yakushima, South Kyûshû.

Holotype: 1 ♂, Kosugidani (Yakushima), 19. VII. 1935, K. Nomura leg.

Allotopotype: 1 ♀, Chigamiyama (Yakushima), 18. VI. 1936, K. Nomura leg.

Paratopotypes: 2 ♂ ♂, Kosugidani (Yakushima), 19. VII. 1935, K. Nomura leg., 1 ♂, Kosugidani (Yakushima), 10. VI. 1936, K. Nomura leg.

The author already noted the subspecies in his previous paper (loc. cit. p. 428, no. 4) under the name "*Numenes disparilis biseparata* Leech forma."

* E. Strand describes that the band on the fore wings of the male is "quite white" (Seitz, *The Macrolepidoptera of the World*, vol. ii, p. 126, 1913), but in reality it is slightly yellowish in all the specimens examined by the author.