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A NEW FAMILY, A NEW GENUS AND A NEW SPECIES OF MOTHS FROM FORMOSA

By

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(With Plate III)

Ashinaga (n. g.) *longimana* n. sp. (Taf. III, Fig. 3, ♂)

♂. Primaries dark brown, with 2 broad, fuscous stripes from the base to before the termen, the first of which runs through the middle of cell and the 2nd below the cell; the costal margin near the base also fuscous, the discocellular spot and each longitudinal vein at the end being pinkish red; at the terminal margin with a series of some fuscous spots; the cilia darker, scaly, each scale being somewhat clavate at the apex; at the anal angle with a patch of black scales and a bundle of long whitish hairs at the base.

Secondaries somewhat paler than that of the primaries, the veins being darker; the cilia fuscous, at the base traversed by a paler line; at the anal angle with a patch of black scales and the same coloured bundle of hairs, the latter being whitish at the base. Antennae fuscous, at the apical 1/3 testaceous, with long, plumose, pinkish red hairs towards the apex, having some black ones at the middle of antenna. Legs at the apices with pinkish red hairs, that colour of the hind leg being extended nearly throughout the whole length of tarsus.

Exp.—♂ 40 mm.

Hab.—Formosa; 5 male specimens were collected on the 20th of April, 1928, at Kusukusu (near Koshun) by the acetylene lamp, and another male by T. TAKAMUKU at Hori (Horisha).

Ashinaga n. g.

Antennae long, scarcely shorter than the length of primaries, being serrated and ciliated; from the middle to below the apex being provided with long hairs on its back. Palpi long, the first joint porrect, very long, bushy scaled, the scales at the apex being longer; the 2nd joint much slenderer, somewhat perpendicularly upturned, at the apex being longer scaled; the 3rd joint very small, naked and pointed at the apex. Legs robust, with long hairs especially at the ends of the tibiae; the middle and posterior tibiae at each apex with 2

long spurs, that of the inner being nearly twice as long as the outer; the hind tibia at the apex with a long pair of spurs, that of the inner being also twice as long as that of the outer; the posterior leg very long, nearly thrice as long as the middle.

Primaries slender, nearly $1/4$ breadth of the length, at the apex conically rounded, with 12 veins, 2 and 3 from a point at the lower angle of cell, 6 more widely apart from 5 than 5 from 4, 7 and 8 short branched, 9 and 10 from the upper angle of cell and well separated at the base, 11 from near the base of cell, 12 from the base and runs along the costa; the cell nearly one half the length of wing, at the upper angle rounded and at the lower angle obtuse; 3 anal veins, 1a and 1b at the basal $1/4$ united, 1c obsolete towards the base.

Secondaries with 8 veins, the anal veins being 3 which are free at the base; vein 2 from nearly $3/4$ of the cell, 3 and 4 from a point at the lower angle, 5, 6 from the middle of cell, 8 from the base, with a long frenulum; the cell rightangular at the upper angle, the lower discocellular obsolete, at the lower angle being obtuse. Rostrum entirely absent; maxillary palpi present, but only rudimental. Neither ocellus nor chetosema. Tympanum distinct.

The author has never been acquainted with the allied species and genus, and it may probably belong to a new family under the superfamily *Tineoidea* DYAR.

So the author will propose here to establish a new family "*Ashinagaidae*" to receive this new species and new genus.

This family comes near *Sessidae*, but the wings are not transparent; on account of the venation this is rather allied to *Chimabache* HB. and *Lypusa* ZELL. under the family *Tineidae*.

Genotype—*Ashinaga longimana* MATS.

摘 要

著者は一昨々年高椋梯吉氏より送附せられたる一種長脚の奇異の蛾を所有せるも、その標本の不完全なるが爲め如何なる科に屬するやを知るに苦めり。然るに今回臺灣クススの蕃界にて數多同蛾を燈火により採集し、その完全なるものを研究するの期會を得たれば今ここに發表せんとす。これは硝子蛾科に似たるものにして、ダイヤー氏の所謂穀蛾超科に屬するものなり。これに對して著者は長脚蛾科の名稱を與えんと欲す。これは体長に倍長するの後脚を有するを以て容易に他と區別し得べし。

Explanation of Plate III

1. Head of *Ashinaga longimana* MATS. (n. sp.) ♂
2. a. Fore-wing
b. Hind-wing
3. *Ashinaga* (n. g.) *longimana* MATS. (n. sp.)
4. Antenna
5. a. Fore-leg
b. Mid-leg
c. Hind-leg

