

The group of insects under the above name contains a singular medley: one species placed here was long referred to the order Neuroptera, one little group the Nolidae that contains the Short Cloaked is by many recent authors and perhaps with reason referred to the Bombycina, another little group the Choreutidae which contains the Nettle Tap is placed by some among the Tortricina and by others among the Tineina, in the Hydrocampidae or China Marks we meet with the anomalous circumstance of aquatic lepidopterous larvae, one species indeed being furnished with branchiae'. Mr. Stainton also notices that in addition to the lines, which I once half persuaded him were the fundamental wing pattern of the moths and butterflies suggesting descent by variation from some ancient ancestor; that the Botydae possess the three stigma marks the heart, dart and kidney spot, the escutcheons of the progenitor of the Noctuidina.

Consonantly the Pyralidina which are cosmopolitan appear to be the descendant of a group in which the scent fans were early developed for they are here found in as strange positions as the atom once the subject of a story, or the stray scrap of paper that suggested the intrigue of a comedy: one insensibly reverts to the days when Asia was connected with northern America and southern Asia was in nearer proximity with Australia. Mr. W. Warren has told us that a male of *Bertula biciliata*, that flew to light at Gavio in the basin of the Amazons on the 10 of November 1874, has a membrane at the end of its palpi clothed with silky hairs that were wont to expand and form a large fan, a means of fascination familiar to Spanish ladies; Mr. Meryck has discovered that the males of *Mecyna polygonalis* common in Southern Australia and Tasmania have a groove on the tibiae of the middle legs that contains an exertible tuft of woolly hair and what is strange he mentions this species has been found in Southern Europe: Sir George Hampson remarks that *Ambia trychostilalis* from Celebes has also this fold and tuft of long hair on the tibiae of the middle pair of legs as have likewise the species of *Parthenodes* found in India, Sambawa and New Guinea; but that the males of *Oligostigma* and *Aulacodes*, relatives of the China Marks of our English ponds, and inhabiting India, China and Malaga; as also the male of *Mixophila chrysis* found in Amboina, Banda and Guinea, have their hind legs grooved with tufts of yellow hair. So in regard to the European Pyralidina the male of the White Spot, *Eunychia octomaculata*, sometimes met with in grassy woods has scent fans enclosed in a pouch on its white front legs; and the male of *Herminia barbalis*, that frequents brushwood has two fans, one on the tibiae of the fore leg and another on the first joint of its tarsus that confers a some-

what comical aspect, Mr. Meldola has assured us they diffuse a scent of jargonelle pear or amygdalate; its European cognates have also acquired names from their fans which Mr. F. F. Pierce finds are modified scales and on the Plume Moths sometimes referred to this group the transition of wing scales to hairs has been also noticed. Further the male of *Spectratrota fimbrialis* found in Australia has tufts of hair it is said at the base of the fore wing; and the males of *Dayscopia homogena* from Assam and the Straits, *Almonia truncatilis* from Ceylon and Java, and *Mestolobes abnormis* from Hawaii, are said to have tufts on the hinder. *Arvea latifolia* found in Venezuela and referred by Mr. Butler to the Lithosiidae has a radiating brush of hairs on its fore wings.

(to be continued.)

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Entomologische Neuigkeiten.

Bei *Lysiphlebus tritici*, einem Parasiten von *Toxoptera gramineum*, ist Parthenogenesis beobachtet worden.

Die Eichenbestände des waadtländer Jura sind wieder vom Eichenwickler heimgesucht worden. Die Invasion begann im Jahre 1903, seit welcher Zeit der Frass jährlich stattfindet. Es sind die Wälder bis Savoyen und die französische Ebene betroffen.

Die Insektensammlung Dr. Régimbarts ist zu verkaufen. Auskunft erteilt M^{me}. veuve Régimbart, 12 rue de l'Horloge, à Evreux, France.

Herrn H. Schmitz in Maastricht ist es gelungen, das ♀ von *Drilus flavescens* Fourcr. aus Gehäusen von *Helix* zu erhalten, diesen entnahm er auch Puppen verschiedener *Phora*-Arten wie *maculata*, *bergenstammii*, *bohemanni* und *excisa*.

Calodera protensa Mann. ist der englischen Fauna als neu einzureihen.

Haliectis longulus Smith erweist sich als eine kleine Form des *H. malachurus* Kirby.

Eine Sammlung von Schmetterlingen aus den Ardennen ist zu verkaufen durch R. Boxho in Verviers.

Briefkasten der Redaktion.

Herrn F. H. in K. Die Rhaphidien sind keine Dipteren, sondern gehören zu den Neuropteren in die Familie Sialidae.

Herrn Dr. B. in G., Sch. in B., P. B. in H., H. St. in B., Dr. v. H. in B., B. S. in B., W. Sch. in G. Danke für Einsendung von Manuskripten.

Herrn J. St. in D. Erwarte weitere Sendungen; suchen Sie solche der Cocons als Ihnen möglich ist.

Ersuche die Leser der „Societas entomologica“ mir Mitteilung zu machen, falls ihnen bekannt sein sollte, an welchen Orten heuer eine Invasion von *Galerucella luteola* stattgehabt hat.

M. Rühl.

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Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Societas entomologica](#)

Jahr/Year: 1908

Band/Volume: [23](#)

Autor(en)/Author(s): Anonymus

Artikel/Article: [Entomologische Neuigkeiten. 132](#)