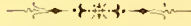


Societas entomologica.



Journal de la Société entomologique
internationale.

Toutes les correspondances devront être adressées à Mr. le président **Fritz Rühl** à **Zürich-Holtingen**. Messieurs les membres de la société sont priés d'envoyer des contributions originales pour la partie scientifique du journal.

Organ für den internationalen
Entomologenverein.

Alle Zuschriften an den Verein sind an den Vorstand desselben Herrn **Fritz Rühl** in **Zürich-Holtingen** zu richten. Die Herren Mitglieder des Vereins sind freundlich ersucht, Originalbeiträge für den wissenschaftlichen Theil des Blattes einzusenden.

Organ for the International-Entomological Society.

All letters for the Society are to be directed to Mr. **Fritz Rühl** at **Zürich-Holtingen**. The Hon. members of the Society are kindly requested to send original contributions for the scientific part of the paper.

The Fly Species on the Rovuma in Central Africa.

By *John Lewis*.

The river-system of the mighty Rovuma is exceedingly varied in the development of its flora as well as in its rockformations. Rolling hills rest the eye from the sight of vast and broad valleys. Rich green forests, almost inaccessible on account of the thorny clinging vines stretch far beyond the view and alternate with luxurious and well cultivated plantations. Caoutchouc trees and Stercularia stand alone along the hedges which surround the Bangha and tobacco-plantations.

The flies of these regions afford to the careful observer a rich and instructive field of observation in those districts not infested by the Tsetse fly. Happily certain regions are free from this terrible enemy of the beasts of burden so needful to the traveler. Where this fly is found in swarms the existence of men and animals is endangered. Already on the shores of lake Nangadi as well as along the river of the same name every twig is covered with the *Odontomyia* species, a black *Oxycera* is very frequent and the *Nemotelus* species are every where to be found. The neighborhood of a settlement is generally betrayed by the presence of the *Pangonia* species which is easily distinguished from the *Tabanus*. These bloodsuckers fall upon men and animals and give the traveler no rest. They are specially noted for endurance and rapidity in flight. Notorious are the: *Tabanus fasciatus* F., *auripunctatus* F., *vittatus* F., *carbonarius* Mg. *dorsivittata* Walk., *secedens* Walk., *conformis* Walk. Upon the Mandarin plants that are cultivated instead of potatoes, are found *Thereva nubus* Wied. and *Xestomyza lugubris* Wied.

The fauna of the Rovuma is poor in species of *Hilaris* and *Empis* but all the richer in indivi-

duals. The clinging plants offer a goodly catch in the way of *Eumerus* species which much resemble European forms. Among these are found now and then: *Paragus* and *Ocyptamus* species. On the swamp-reeds a *Rhingia*, which is perhaps new, is frequent. Myriads of *Syrphus*, such as *S. nubus* Wied., *incertus* Wied., *ericetorum* F., flit from leaf to leaf. One can scarcely form an idea of the busy life of the *Eristalis* which are found in great quantities and together with the numerous *Helophilus* render the catching of other *Diptera* difficult. Whenever the slaughter of a beast of burden is rendered necessary by lack of fodder or over exhaustion, the insect-life reaches its acme. In a very few minutes the parts thrown away are covered with thousands of flies, hundreds of which may be caught if any one prepared with six or eight nets can support the heat of the sun and the bites of the flies.

Zu *Eurymene dolabraria*.

Von *Arnulf Hiller*.

Der im Mai und Juni fliegende Schmetterling wurde wohl noch nirgends in Mehrzahl beobachtet; obgleich in Europa weit verbreitet, wird er allenthalben einzeln gefunden, tadellose Exemplare sieht man verhältnissmässig nur in wenigen Sammlungen. Die meisten Stücke sind gefangene Thiere, an Schönheit weit hinter den gezogenen zurückstehend, welche stets von Liebhabern und Sammlern begehrt sind. Die Zucht ist sehr leicht und gibt bei entsprechender Pflege fast keine Verluste; doppelt angenehm ist sie insofern, als keine die Raupen dezimirende Ueberwinterung zu überstehen, und das Raupenleben kein längerdauerndes ist. Am 12. Juni begann ein am 10. dieses Monats gefangenes schon gänzlich abgeflogenes Weibchen mit der Absetzung seiner Eier, es waren

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