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ADDITIONS TO THE LEPIDOPTEROUS FAUNA OF ZENEGGEN 1966

E.P. Wiltshire

As the result of a stay of a single week (19 - 25 July, 1958) Messrs. W. SAUTER and E. de BROS (3) recorded 366 species of Lepidoptera from Zeneggen, 1400 m, Valais, and a further 17 species which were captured by DR. H. MALICKY on 31.8. - 1.9.59. This interesting list included many of the specialities of the canton and also three species new for Switzerland; moreover, it had the virtues of using up-to-date nomenclature, expert identification and including ecological and zoogeographical sections.

Since then, two entomological visitors to Zeneggen have published their results in the present review, namely: WERNER MOSER (Bern) (2) who added 91 species to the list of SAUTER and de BROS; and OTTO STERZL (Vienna) (4, 5) who collected there in three consecutive years (1960, 1961 and 1962) and added altogether 120 further species.

The total number of species of Zeneggen and neighbourhood published prior to 1966 amounted thus to 594, namely

SAUTER & de BROS	366	19 - 25.7.58
MALICKY	17	31.8 - 1.9.59
STERZL I	103	2.7 - 3.8.60 25.7 - 13.8.60
STERZL II	17	3 - 15.8.62
MOSER	91	20.6 - 2.7.60

During 1966 the author stayed at Zeneggen 13-17 June, 3-13 July and again 7-8 September. On the last occasion he was accompanied by M. PIERRE MARTIN, also of Geneva, who installed his mercury-vapour light on the same back-balcony of our pension where the author had put up his mixed-lamp in the summer. M. MARTIN revisited the Hotel Alpenblick for the same purpose, but alone, on 11-12 October.

Between us, we succeeded in adding 52 species to the Fauna of Zeneggen; but as we were active both at an earlier and a later season, and do not seem to have discovered anything not previously known from Switzerland, we cannot claim to have done better than Messrs. de BROS and SAUTER. Nevertheless we think a list of our additions will be of interest to most of our readers, whom we recommend to refer also to the earlier works on Zeneggen.

Our dates of capture are indicated by the month alone e.g. vi(June), vii (July), ix (September) and x (October). The respective captors are indicated by the single initial, W. or M.

An asphalt road now leads to Moos-Alp (1800 m) above Bürchen, facilitating access by car from Zeneggen. This biotope is however rather different from that of Zeneggen, being near the upper tree limit and not particularly dry. During a visit of one hour only on 12.vii the author, despite changeable weather, captured there some quite interesting diurnals, listed in an appendix.

I am indebted to M. CHARLES BOURSIN for aid in identifying some of the Noctuidae (indicated with the letters "CB") and to M. PIERRE MARTIN for assistance with many others.

No attempt has been made yet to identify the Eupitheciini taken, and with a few exceptions Pyralididae & Micros generally were not taken. These omissions leave plenty of scope for future students at Zeneggen to add to the SAUTER-de BROS list, which, of course, included these groups.

(In brackets are given a few records or observations of species listed in the 1959 list, where it was thought the observation was worth recording or where the previous captors' remarks were found to require qualification).

Lycaenidae

(*Aricia artaxerxes* allous Geyer. vi. W. Doubtless identical with what SAUTER and de BROS called *agestis* Schiff.)

Polyommatus eros O. vi. W. 1 ♂ only. Commoner at Zermatt, vi. W.

Nymphalidae

Mellicta aurelia Nick. vi, vii. W. Damp upper meadows.

(*Polygonia c-album* L. A larva found on sallow, *Salix caprea*, by W. hatched on 21. vii. Unusual foodplant, not listed by DUFAY etc.).

Hesperiidae

Pyrgus malvoides E. & Ed. vi. W. Damp upper meadows, 1 worn ex.

Sphingidae

Celerio gallii Rott. vi. W.

Notodontidae

Notodonta phoebe Sieb. vi. W.

Arctiidae

Arctinia caesarea Goeze. vi. W.

Spilosoma lutea Hufn. (= *lubricipeda* Esp.)

Noctuidae

Ochropleura musiva Hübn. ix. M.

Chersotis rectangula Schiff. (CB) ix. W.

Rhyacia latens Hübn. ix. W.

Rhyacia grisescens F. ix. W, M.

Peridroma saucia Hübn. ix. W.

Amathes sobrina Boisd. ix. W.

Sideridis albicolon L. vi. W.

Mamestra bi-ren Goeze (= *glaucia* Hübn.) vii. W.

Tholera cespitis Schiff. ix. W, M.

Calophasia lunula Hufn. ex larva vii, hatched viii. W.

Episema glaucina Esp. ix. M, W.

Dasypolia templi Thunb. x. M.

Allophyes oxyacanthae L. x. M.

Dichonia convergens Schiff. x. M.

Polymixis xanthomista Hübn. ix. M, W.

Polymixis rufocincta Hübn. ix, x. M.

Polymixis gemmea Tr. ix. M.

Ammoconia caecimacula Schiff. ix, x. M, W.

Agrochola litura L. ix, x. M, W.

Atethmia centrigo Haw. (= *xerampelina* Ström.) ix. W.

Cirrhia togata Esp. (= *lutea* Ström.) ix. W.

Cirrhia gilvago Schiff. ix. W.

Cirrhia icteritia Hufn. (= *fulvago* L.) ix. M, W.

Dicycla oo L. vi. W.
 Mesoligia furuncula Steph. (= bicoloria Vill.) ix. W.
 Athetis pallustris Hufn. vi. W.
 Diloba caeruleocephala L. x. M.
 Euchalcia modesta Hübn. vii. W.

Polyplocidae

Palimpsestis or F. vi. W.

Geometridae

Entephria molluginata Hübn. ix. M.
 Thera juniperata L. x. M.
 Rheumaptera (= Calocalpe) montivagata Dup. vi, vii. W. At least 12 exs. to light, rather rubbed; the tufted hind-leg of the ♂♂ shew clearly these are not cervinalis Scop. which SAUTER & de BROS recorded, and of which W. took an example at Nax, Vs., at 1400 m. in v.
 Perizoma affinitata Steph. vii. W.
 Phasiane vicinaria Dup. vi. W.
 Catarhoe rubidata Schiff. vi. W.
 Chloroclysta miata L. vi. W.
 Electrophae corylata Thunb. vi. W.
 Eulithis pyraliata Schiff. vii. W.
 Hydriomena ruberata Freyer. vi. W.
 Scopula ornata Scop. vi. W.
 Scopula immorata L. ix. W.
 Scopula rubiginata Hufn. vi. W.
 (Ellopiopsis fasciaria L. vi. W. Green form taken, but in minority).
 Semiothisa liturata Clerck. vii. W.
 Semiothisa notata L. vi. W.
 Gnophos glaucinaria Hübn. ix. M.

A p p e n d i x

At Moos-Alp. (1800 m, above Bürchen) all vii. W.

Lycaena tityrus Poda.
 (Lycaeides idas L.)
 (Plebejus argus L.)
 (Plebejus pylaon lycidas Trapp.)
 Vacciniina optilete Knoch.
 (Aricia artaxerxes F. allous Geyer)
 (Polyommatus icarus L.)
 (Lysandra coridon Poda)
 (Colias phicomone Esp.)
 (Mellicta athalia celadussa Fruhst.)
 Mellicta varia Meyer-D. r. variabellia Verity.
 Boloria napaea Hoffm.
 Clossiana titania Esp.
 (Erebia euryale Esp.)
 Erebia alberganus de P. (= ceto)
 Erebia tyndarus Esp.
 Coenonympha arcania gardetta de Pr.
 Xanthorhoe designata Hufn.
 (Sterrha aureolaria Schiff.)
 (Sterrha flaveolaria Hübn.)
 Scopula ternata Schrank.

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Zusammenfassung

Der Autor sammelte in Zeneggen (Wallis) vom 13.-17.Juni, 3.-13. Juli und 7.-8. September 1966 (an diesen 2 Tagen mit Herrn PIERRE MARTIN von Genf, der noch einmal, am 11.-12. Oktober, aber allein, in Zeneggen sammelte). So kann er eine Liste von 52 Arten aufstellen, die nicht in den bisherigen Verzeichnissen (siehe Bibliographie) enthalten sind. W = Wiltshire, M = Pierre Martin; () = interessante Arten, die aber schon von Zeneggen bekannt sind.