

# The Entomologist's Record

AND

# Journal of Variation

EDITED BY

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Communications have been received or have been promised from Messrs. Hy. J. Turner, H. Donisthorpe, Dr. Verity, J. H. Durrant, G. T. Bethune-Baker, Alfred Sich, the late Dr. T. A. Chapman, R. S. Bagnall, J. W. H. Harrison, Dr. E. A. Cockayne, C. R. N. Burrows, D. H. Pearson, W. C. Crawley, J. W. Saunt, A. Russell, with Reports of Societies and Reviews.

\**Blastodacna rinolentella*, H.-S., on crab-apple (*Pyrus malus*).

\**Mompha decorella*, Steph., on willow-herbs (*Epilobium hirsutum*, *montanum*, *parviflorum*, *angustifolium*, etc.).

*M. nodicolella*, Fuchs., on *Epilobium montanum* and *angustifolium*.

*Stigmatophora serratella*, Tr., on snapdragon (*Antirrhinum majus*).

*S. teucreei*, Wlsm., on *Teucrium fruticans*.

\**Agasma aeratella*, Z., on the bistorts (*Polygonum ariculare*, *arenarium*, etc.).

\**Heliozela stanneella*, F.R., on oaks (*Quercus pedunculata*, *cerris*, *lusitanica*, etc.).

*Coleophora stefanii*, Joann., on goosefoot species (*Atriplex parviflorus*, etc.).

*Phyllobrostis eremitella*, Joann., on spurge laurel (*Daphne gnidium*).

*Nepticula turbidella*, Z., on white poplar (*Populus alba*).

\**N. argyropeza*, Z., on aspen (*Populus tremula*).

\**Incurraria tenuicornis*, Stt., on birch (*Betula alba*).—H.J.T.

### Notes on Coccinellidæ.

By G. B. C. LEMAN, F.E.S.

1. *Hippodamia variegata*, Goeze, ab. SUBARCUATA, mihi. While collecting aberrations of this species in the summer of 1922 at South-wold, Suffolk, I found one with a formula not yet recorded.

This aberration is distinguished from ab. *arcuata*, Leman, in having the confluence inverted and its formula is 1, 2, 3, 5+4+6,  $\frac{1}{2}$ . Type in my collection.

2. I found this species in fair numbers on nettles and the coarse tall grass typical on the beach in this district. The type form with 9 spots largely predominated, followed by ab. *constellata*, Laich., ab. *angulosa*, Ws., and ab. *similis*, Schrank (13 spots). The following were found in much lesser ratio, viz.: ab. *neglecta*, Ws., ab. *confluens*, Sajo, ab. *velox*, Ws., ab. *11-punctata*, Schrank, and ab. *abbreviata*, Ws. Of each of the following I only took one specimen: ab. *donistorpei*, Leman, ab. *julii*, Leman, ab. *italica*, Walt., ab. *alacris*, Ws., and ab. *obserepunctata*, Schrank.

3. Of the above forms I do not think abs. *confluens*, *velox*, *11-punctata*, *abbreviata*, *julii*, *italica* and *alacris* have been recorded for Great Britain, though probably they may be found in many collections.

4. I took three specimens approaching ab. *donistorpei*, Leman, to the extent that in two cases the left and right elytra respectively only have the typical confluence, while in the third case the left elytron has the typical confluence and the right elytron conforms to the formula of the type form (9 spots).

5. One specimen of ab. *angulosa*, Ws., is remarkable for the boldness and breadth of the spots forming the confluence.

6. Out of some 200 specimens taken, only three (the typical form, ab. *constellata*, Laich., and ab. *similis*, Schrank) have the coronate form of marks on the thorax.

7. *Halysia 22-punctata*, L.—At the same time I took this species in large numbers, not on nettles as I had expected, but on young oak shoots springing up from stumps of fallen trees, all in the length of one hedgerow. Incidentally these shoots were all attacked by the whitish mildew so often seen on young oaks. I took the species in all

its stages and had not taken the larva or pupa before. These latter are readily distinguished from those of other Coccinellids by their distinct yellowish appearance. I brought back several of the larvae, which in due course pupated and emerged satisfactorily.

### Some Notes on Swiss Butterflies.

[Supplementary to the *Butterflies of Switzerland*, by Rev. Geo. Wheeler, M.A., F.E.S.]

By the late MR. A. J. FISON.

(Arranged and communicated by Miss L. M. FISON.)

"The works of the Lord are great, sought out of all them that have pleasure therein."—*Psalms*, cxi. 2.

(Concluded from vol. xxxiv., page 217.)

*Epinephele lycaon*, Rott.—Fionnay, vii.; Nessel, 30.vii.90; Derborence, 25.viii.90.

*Aphantopus hyperantus*, L.—Rhone Bridge of St. Triphon, 21.viii.03 (lots); Charpigny, 3.viii.88; Gryonne, 22.vii.22; Champéry, 31.vii.22; Mt. Carré, vi. and viii.; Dent du Midi.

*A. hyperantus* ab. *arete*, Milliére.—Above Plan Cerisier; Martigny Combe.

*A. hyperantus* ab. *caeca*, Fuchs.—Corbeyrier; Éclépens.

*Coenonympha iphis*, Schiff.—Bex; Montet, 15.vi.20; Gryonne Meadows, 1.vii.22; Charpigny, 3.vii.22; St. Triphon Marsh, 3.vii.22; Dent du Midi, 4.vii.22; Mont Carré, 21.vi.

*C. arcania*, L., var. *insubrica*, Rätzer.—Le Prese, 13.vii.01; Faido, 13.vii.03 (1).

*C. arcania* var. *darwiniana*, Stdgr.—Bel Alp, 14.vi.90; Caux, vi.

*C. satyrion*, Esp.—Dent du Midi; Barmaz; Bonaveau, 8.viii.22 (L.M.F.), very small spots, some none.

*C. satyrion*, Esp., var. *unicolor*, Wh.—Morteratsch Glacier, 19.vii.01; Émosson; Col de Forclaz, 7.viii.09; Teméley, 2.viii.10. No black spots on band.

*C. satyrion* ab. *caeca*, Wh.—(1) Rigi Staffelhöhe, 21.vi.04.

*C. pamphilus* var. *lyllus*, Esp.—Mt. Bré; Cassarate; Mendrisio, 15.viii.02.

*C. tiphon*, Rott.—Altmatt, 17.vii.03; Arth-Goldau, 20.vi.04; Einsiedeln, 6.vii.04; Aigle beyond golf links by Canal, 16.vi.05, S.E. corner, the best part. The forms found there are very interesting, some being dark and some pale. Lœuk, 19.vii.07.

*Oeneis aello*, Hb.—Saasgrund, 29.vi.94; under mountains from Vernayaz to Martigny, no doubt blown down. Laquinthal, 18.vii.08; under Dent de Moreles, 25.vi.90; Faulhorn, 1.viii.14 (L.M.F.).

*Erebia epiphron*, Knoch., var. *cassiope*, Fabr.—Under Bel Alp, 14.vii.90.

*E. epiphron* ab. *nelamus*, Bdv.—Furka; Trübsee; Zermatt; Simplon; St. Bernard; Glacier du Trient.

*E. epiphron* var. *valesiana*, Mey.D.—Pierre-à-Voir; Mägenwald.

*E. melampus*, Fssl., ab. *sudetica*, Stgr.—Randa; (1) Prätigau.

*E. flavofasciata*, Heyne.—Schafberg, S. of 1st Restaurant, 1-15.vii.04; Tscherva glacier, 30 mins. below and behind Restaurant, 1 ♂, 10.vii.01; none there in 1904; first found about 1850. Now on S. side of Albrun Pass.