

SOME NOTES ON THE LEPIDOPTERA OF THE "DALE COLLECTION,"
NOW IN THE OXFORD UNIVERSITY MUSEUM.

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(Concluded from vol. xlv, p. 181).

PYRALIDINA (including DELTOIDES).

Madopa salicalis, W. V.—Four specimens, including one ♀ in excellent condition; labelled at side "Kent."

Sophronia emortualis, W. V.—A very fine example, apparently a ♀. Labelled "Taken by the late Charles Healey near the King's Oak, High Beech," and at side "Epping Forest." (Cf. Barrett, Lep. British Islands, vol. vi, p. 288).

Herminia derivalis, Hüb. n.—A fine series of twelve specimens, some of them on old pins; the more recent are labelled "Abbot's Wood" at side.

Pyralis lienigialis, Zell.—A pair in excellent condition; the ♀ is labelled "From Rev. H. Burney coll., 1893" (C. W. D.).

Diasemia ramburialis, Dup.—One example in good order as to the wings, but lacking the antennæ and most of the legs. "Folkestone" at side; probably the specimen referred to by Barrett (*l. c.*, vol. ix, p. 258) as taken in that locality by Mr. W. Purdey in 1878.

D. literalis, Scop.—Five examples, in good condition and apparently of fairly recent date. "Devon" at side.

Antigastra catalaunalis, Dup.—A single example in very good condition "from Rev. Burney's coll." (C. W. D.), but with no further history.

Endotricha flammealis, W. V.—Two fine examples, in which the usual pinkish-fulvous ground colour is almost entirely replaced by a rich dark fuscous-brown tint. "Folkestone" at side.

Acentropus niveus, Oliv.—Four examples from "Glanvilles Wootton" stand under the label "*Garnonsii* B. E., pl. 497," and probably include the type specimen figured under the name of *A. garnonsii* by Curtis, Brit. Ent., plate 497 (April 1st, 1834), and therein referred to the *Phryganidæ* (*Trichoptera*) (Cf. also Stephens, Ill. Mand., vol. vi, pp. 148, 151, and "The Naturalist," vol. i, p. 14, 1837). One of these is a ♀ with rudimentary wings about 1.5 mm. in length, or proportionately of about the same size as those of *Cheimatobia brumata*, ♀; this has a printed label "foem.?" and a bright red plain label. A fine ♀ with fully developed wings, among others from "G. Wootton" is labelled in a similar manner.

Margarodes unionalis, Hüb.—Three examples, indifferently set, and in fair to poor order; the best is labelled "Galley Head, L. H.," and the others, "Taken Kewton Downs, July, 1880," and "Geo. King, Torquay, 1859" (C. W. D.).

Botys repandatis, Schiff.—One fine specimen, which bears a printed label apparently cut out of a sale catalogue, "bred by Rev. H. Burney from *Verbascum*," and "Torquay" at side. (Cf. Ent. Mo. Mag., vol. xxii, p. 145).

B. lupulinalis, Clk.—A fine but very badly set specimen on an old gilt pin, with label also cut out of a sale catalogue, "taken from Dr. A. Wallace, 1857, Bembridge, Isle of Wight."

Mecyna polygonalis, Hüb.—There are four of this very rare species in the collection, all set low down on rather old white and gilt pins; the best one is labelled “taken nr. Herne Bay.” “Kent” at side.

Ebulea stachydalis, Zinck.—Six good specimens, three with “Freshwater” and three with “Sussex” at side.

Lemiodes pulveralis, Hüb.—Five specimens (4 ♂, 1 ♀), all except one in fine condition. “Folkestone” at side.

Scoparia cembralis, Gn.—The series of this species includes three of “*v. scotica*, White, Renfrewshire” (C. W. D.), and three of var. *zelleri*, Wocke, “Folkestone.”

S. basistrigalis, Knaggs.—Three specimens from “Tilgate” and two from “Bordean” (C. W. D.), one of the latter also labelled “Bordean, July, 1844” (J. C. D.).

S. conspiciualis, Hodg.—Five specimens, “Yorkshire” at side. Included in the series of this species are two rather ill-set but otherwise good specimens, labelled “*S. ulmella*, Dale,” also with “Bordean” at side (C. W. D.).

S. mercurella, L.—Under this name are included some very fine and well-marked specimens of the var. *portlandica*, Dale, from Portland.

Platytes alpinellus, Hüb.—Five examples from “Hunstanton,” and three from “Southsea” (C. W. D.).

Crambus culmellus, Linn.—Two almost pure white specimens are labelled “*striga*, Haw.,” and there are also examples of the species from St. Kilda in the series.

C. rorellus, Linn.—Two fine specimens on rather old pins, one of which is labelled “*chrysonuchellus*, Hüb.” (? J. C. D.).

C. myellus, Hübn.—Two examples, also very fine; one is labelled “Dr. B. White, Braemar, 1870” (C. W. D.).

C. verellus, Zinck.—A rather badly set example, labelled “E. R. Dale” (C. W. D.), “Christchurch” at side, and another somewhat worn “C. A. Briggs, Folkestone, ’72” (C. W. D.), and “Taken by Mr. C. A. Briggs, nr. Folkestone, July 21, 1872, see Ent. Ann., 1873.”

Eromene ocella, Haw.—Two specimens, both ♂, on modern gilt pins, one badly set, the other very good; labelled “Roxburgh.”

Schaenobius gigantellus, W. V.—Three examples of this species from “Whittelesea” fully merit their specific name, as a ♂ measures in expanse of wing as set, $1\frac{1}{8}$ inch (46 mm.), and two ♀’s are each 1 mm. less.

Anerastia farrella, Curt.—Three specimens, one labelled “Paget, 1841” (J. C. D.), and two “from Grigg coll., 1889” (C. W. D.), “Yarmouth” at side.

Epischmia banksiella, Rdsn.—Three very good examples apparently bred, “Portland” at side.

Cateremna terebrella, Zk.—Two specimens, labelled “bred Norfolk, 1899;” “Merton” at side.

“*Eurhodope argyreus* (*Dubrensella*).”—Under these names are two examples of a Phycitid standing at the head of the series of *E. carnella*, L., which are

decidedly puzzling; their general shape and aspect agreeing pretty well with *carnella*, but the fore-wings being of a shining metallic silvery-grey tint longitudinally suffused with fuscous. Both specimens are somewhat worn, on old bead-headed pins, and without data. I cannot find any reference to "*Eurhodope argyreus*" in our older authors, and the insects are certainly not the "*Palparia argyrea*" (*Crambus argyreus*, F.) of Haworth, Lep. Brit., p. 486.

Phycis obductella, F. v. R.—A very fine specimen, labelled only "Gravesend" at side.

Rhodophaea rubrotibiella, Mann.—Six more or less worn specimens under this name, much more probably *Acrobasis verrucella*, Hübn. One is labelled "Wolmer Forest (J. C. D.)," and another "G. W., July, 1901 (C. W. D.)."

Nephopteryx similella, Zk.—A fine fresh ♂ example of this very rare and distinct-looking species bears a label "N. Forest, Gulliver 190—" (the last figure is illegible) (C. W. D.) and is undoubtedly the specimen referred to by Mr. C. G. Barrett as taken in the New Forest by Mr. C. Gulliver (Ent. Mo. Mag., vol. xxxix, p. 1, and Lep. British Islands, ix, p. 424).

N. hostilis, Steph.—Three specimens, one "Grigg coll." (C.W.D.) "Colchester" at side.

Melissoblaptex cephalonica, Sta.—Six fine specimens, "London" at side; two are labelled "Meek" and "Bower" respectively, and a very fine ♀ "Entom. xxiii, pl. iv, fig. 3."

Pterophorus rhododactylus, Fab.—Five examples, some very fine; "Chat-tenden" at side.

P. brachydactylus, Tr.—A very fine example of this great rarity is labelled "J. Weir's coll. 1894" (C.W.D.) and "Norfolk" at side, and is presumably the specimen taken on June 17th, 1842, at Herringfleet, Norfolk, by Mr. Farr, on which the species was introduced as British (*cf.* Barrett, Lep. British Islands, ix, p. 396).

P. paludum, Zell.—Eight specimens, "Bloxworth" at side.

Owing to my lack of special knowledge of the *Tortricina* and *Tineina*, I do not propose to deal with the very rich and extensive series of these groups in the Dale Collection, which have been recently made much more safe and more available for study, by "staging" the whole of the specimens on cards raised well above the bottom of the cabinet drawers. I may, however, draw attention to the exceedingly fine series of *Peronea cristana* and *hastiana*; the former species being represented by 224 specimens arranged under 39 varietal names, and including nearly all the forms indicated by Haworth, Curtis, Stephens, Desvignes, &c.; and the latter by 89 specimens and 17 named varieties.

"Aorangi," Lonsdale Road,
Summertown, Oxford:
July 16th, 1910.