

## Somerset Lepidoptera.

### PART II.

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SINCE the publication of the list of additions to the macro-lepidoptera in the last volume of the *Proceedings*, another Noctua has been recorded, not previously known in Somerset, viz., *Agrotis lucerneae*, a fine specimen of which was captured near Crook's Peak, on Mendip, by the Rev. S. O. Ridley, of Compton Bishop, last summer (1913).

Mr. Ridley has also taken in the same locality a specimen of *A. lunigera*, previously only reported as a native by Mr. Slater, from Dunster.

When not otherwise stated, the records from the Taunton district are communicated by Mr. H. Doidge (D), and those from the Stawell and Withycombe districts by Mr. H. Slater (S). Both these gentlemen have submitted their specimens of *Tortrices* and *Tineina* for identification to Mr. G. C. Griffiths, F.E.S., and myself; and a few which we were unable to feel certain about and returned unnamed have since been identified by Mr. E. A. Atmore of King's Lynn, and Mr. Guy Mason of Barton-on-Humber.

(Note). Species marked thus\* have not been previously recorded as natives of Somerset.

## DELTOIDS.

It is usual now to include these insects with the Noctuæ, but they were omitted in our previous list of additions, and in the *V.C. History* list, are placed between the Geometræ and the Pyralides. One species not there named has since been recorded :—

\**Hypena rostralis*, taken by Mr. Doidge, near Taunton, and also by Mr. Slater, near Stawell (2 specimens).

*H. crassalis*, taken on Langridge Common (S), had previously been reported from Bridgwater and Porlock.

*Schrankia turfosalis*. Recorded by the late Mr. C. G. Barrett as, "abundant in bogs and marshes near Bridgwater," has not since been met with there. These sudden appearances and disappearances of insects are difficult to account for. About twenty years since several specimens of *Spilodes sticticalis* were taken by the late Mr. George Harding on Durdham Down, near Bristol, but not one has been seen there before or since.

## PYRALIDES.

*Scoparia basistrigalis*. Recorded previously only from Leigh Woods and Portbury, has been taken near Taunton (D).

\*— *zelleri*. Also taken near Taunton (D., 1912); is new to the County.

— *murana*, *S. truncicolella*, *S. resinea*. Have been taken near Stawell (S).

\**Ebulea stachydalis* is also reported from the same district (S), and will probably be found elsewhere if looked for.

*Spilodes palealis*. Rock Hill, near Taunton (D).

\*— *cinctalis* (*verticalis*). A specimen was taken by Mr. G. B. Coney, in his moth trap at Batcombe, July 4th, 1913, and another July 12th, 1913, on the Turf Moor.

## PTEROPHORI.

Three new "plumes" have been added to the County List

by Mr. Bogue, and have been identified by Mr. N. M. Richardson, of Weymouth.

\**Platyptilia zetterstedtii*. A specimen taken at Watchet in 1912.

\**Oxyptilus laetus*. "Two specimens flying over wild thyme at Watchet, 1912."

\**M. phacodactylus*. From Shepton Mallet, Watchet, and near Taunton (D).

*P. ochrodactylus*, *O. parvidactylus*, *M. zophodactylus*, *A. ucanthodactyla*, *L. tephrodactylus*, *L. osteodactylus*, *A. tetradactyla*, and \**A. baliodactylus* (new to the County). Have all been taken by Mr. Doidge.

*A. spilodactyla* has been taken in the Stawell district (S). Barrett recorded it from Somerset (B. J., Vol. IX, p. 402), but without locality.

#### CRAMBITES.

*Chilo phragmitellus* is recorded, from Shapwick (July, 1909) and Stawell (S).

\**Schoenobius mucronellus*. Has been taken by Mr. Slater at Shapwick (July 1909), and by Mr. Coney (July, 1913).

*Crambus falsellus*, of which only one, taken by myself at Minehead in 1867, was previously recorded, has been met with by Mr. Slater in the same locality, and also near Stawell. Mr. Coney records one from Batcombe.

— *dumetellus*. Formerly found near Bristol, has been taken near Taunton (D).

\*— *fascelinellus*. A specimen was taken near Watchet in 1910, by Mr. Bogue, and has been identified by Mr. Richardson.

\*— *warringtonellus* (new to the County) and *C. Selasellus*. Have been taken at Burnham (D) and Shapwick (S).

*Alispa angustella*. Is recorded by Stainton in "the Manual" from "near Bristol," but I know of no captures in Somerset. It should be looked for "among spindles" from May to August.

\**Ephestia kühniella*. Recorded from Withycombe (S., Dec. 1907) and Taunton (D).

*Phycis betulae* and *P. fusca*. Are reported both by Mr. Doidge and Mr. Slater.

\**Rhodophaea suavella* has been taken near Taunton (D), in the Withycombe district (S), and near Watchet (Bogue). In Stainton's "Manual" it is stated to be found near Bristol. The larva feeds on blackthorn in May.

— *tumidella* Has been taken in the Withycombe district (S), and by Mr. Coney in Cogley Wood.

#### TORTRICES.

*Tortrix viburnana*. "Common on the Quantocks" (Bogue), Stawell (S).

*Leptogramma literana*. Withycombe (S).

— *boscana (scabrana)*. Shapwick (S), Taunton (D).

\**Peronea mixtana*. Withycombe (S).

— *comparana*. Batcombe (Coney). Watchet (Bogue).

\*— *permutana*. Taunton (D).

— *cristana*. Withycombe (S).

— *hastiana*. Stawell (S).

— *aspersana*. Taunton (D). Watchet (Bogue).

\*— *caledoniana*. "Occurs in Somerset near Bridgwater" (Barrett).

\**Dictyopteryx bifasciana* has been taken in Somerset (Barrett, *l.c.*, x, 200).

*Penthina corticana*. Near Stawell (S).

— *betulaetana*. Stawell (S). Taunton (D).

\*— *sauciana*. "Taken by Canon Cruttwell, near Porlock" (Barrett, *l.c.*, x, 369).

\*— *nigrocostana*. "Among Stachys, near Wells" (*Id.* p. 381).

— *sororculana*. Taunton (D). Previously only recorded by Mr. P. Vaughan, from Leigh Woods.

— *ochroleucana*. Taunton (D).

- Penthina marginana*. Taunton (D). Previously only by Mr. Vaughan, from near Bristol.
- Antithesia salicella*. Withycombe (S).
- Hedya neglectana*. Taunton (D). Previously only from Leigh Woods.
- \* *Spilonota incarnatana* (*amaeniana*). Watchet (Bogue).
- \* *Euchromia purpurana*. One specimen at Blue Anchor (Bogue).
- Orthotaenia antiguana*. Withycombe (S).
- \* *Sciaphila pascuana*. Stawell (S., July 7, 1909). Watchet (Bogue).
- \* — *abrasana*. "A few specimens near Bristol" (Barrett, *l.c.*, x, 272).
- *chrysantheana*. Withycombe (S). Taunton (D).
- *hybridana*. Taunton (D).
- Sphaleroptera ictericana*. Stawell and Withycombe (S).
- \* *Phoxopteryx siculana*. Shapwick (S., Sept. 14, 1910).
- *unguicella*. Taunton (D).
- \* — *myrtillana*. Common among bilberry on the Quantocks (Bogue, 1912-13).
- \* *Grapholitha nigromaculana*. Taunton (D., 1913).
- *penkleriana*. Stawell (S). Taunton (D).
- \* — *nigricana*. Taunton (D., 1913).
- Hypermezia cruciana*. Taunton (D).
- Poedisca bilunana*. Taunton (D., 1913).
- \* — *rubiginosana*. Taunton (D., 1913).
- \* — *semifuscana*. Taunton (D., 1913). Shapwick (S).
- \* — *sordidana*. Withycombe (S., July 28, 1908).
- Ephippiphora similana*. Stawell (S).
- *tetragonana*. Taunton (D).
- *inopiana*. Withycombe (S). Taunton (D).
- *populana*. Frome (W. H. Grigg).
- Retinia pinicolana*. Taunton (D).
- Endopisa nigricana*. Taunton (D).

- Stigmonota perlepidana*. Taunton (D).  
 — *regiana*. Taunton (D).  
*Dierorampha politana*. Taunton (D).  
 — *plumbana*. Taunton (D).  
 — *simpliciana*. Taunton (D).  
 \* — *senectana*. Brislington, 1851, common (Sircom).  
 \* *Catoptria coecimaculana*. Taunton (D., 1913).  
 — *aspidiscana*. Clevedon (Mr. Mason).  
 \* — *citrana*. One specimen at Watchet (Bogue).  
*Tycheris aurana*. Taunton (D).  
*Eupoecilia maculosana*. Taunton (D).  
 — *roseana*. Taunton (D).  
 \* — *implicitana*. "Frequent in Somerset, larvæ on *Anthemis*" (Barrett, *l.c.*, x, 312).  
*Argyrolepis hartmanniella*. Taunton (D).  
 \* *Conchylis francillana*. One specimen at Watchet (Bogue, 1910).  
 — *straminea*. Withycombe and Stawell (S). Previously only from Bath (Terry).  
 \* *Aphelia osseana (pratana)*. Shapwick (S., July 12, 1912).
- TINEINA.**
- Lemnatophila phryganella*. Taunton (D).  
*Scardia arcella*. Taunton (D).  
*Tinea semifulvella*. Withycombe (S). Taunton (D).  
*Adela degeerella*. Withycombe (S).  
*Hyponomeuta plumbellus*. Taunton (D).  
 — *cagnagellus (cognatella)*. Withycombe (S).  
 — *evonymellus*. Taunton (D).  
*Prays curtisellus*. Taunton (D).  
*Cerostoma sequella*. Taunton (D).  
*Orthotelia sparganella*. Withycombe, Sedgmoor (S). Taunton (D).  
*Theristis mucronella (caudella)*. Stawell (S).  
*Depressaria costosa*. Stawell and Withycombe (S).  
 — *ocellana*. Withycombe (S).

- Depressaria ciliella*. Stawell and Withycombe (S).  
 \*— *pustiacella*. Recorded from Somerset (Barrett).  
 — *nervosa*. Stawell (S). Previously from Bristol only.  
*Clechia pinguiella*. Stawell, on poplars (S).  
 \**Anacampsis ligulella*. Taunton (D., 1913).  
*Ceratophora rufescens*. Shapwick (S).  
*Chelaria hübnereella*. Stawell (S). Taunton (D).  
*Harpella geoffrella*. Stawell (S). Taunton (D).  
 \**Atomelia torquatella*. Taunton (D., 1913).  
*Coleophora livella*. Taunton (D).  
*Argyresthia albistria*. Taunton (D).  
 \**Laverna phragmitella*. Stawell and Withycombe (S).

In the first part of this "Appendix" some twenty-seven species of Lepidoptera not previously known as natives of Somerset were added to the County list, and forty-one new species are here recorded. Of these sixty-eight additions the majority come from the central part of the County, chiefly communicated by Mr. Bogue from the Watchet district (15 species), Mr. Doidge from Taunton (20 species), and Mr. Slater (5 from Shapwick, 7 from Stawell, 5 from the Turf-Moor, and 16 from the Withycombe district).

Six species are recorded from "Somerset" by Barrett in his "Lepidoptera of the British Islands," and a few from Batcombe, Bruton, Brislington, Burnham, Castle Cary, Dunster, Exmoor, Glastonbury, Mendip, Porlock, Shepton Mallet, Stourton and Wells.

No records have been received from Bath, Bristol, Clevedon, Weston-super-Mare, or from the eastern and southern portions of the County.

No doubt many species would be added to our lists if these, more or less unexplored regions were worked, especially among the Micro-Lepidoptera, very few Somerset entomologists having hitherto paid much attention to that interesting group.

The great majority of the species already recorded are those

communicated by Mr. P. H. Vaughan and Mr. W. H. Grigg, mostly from the neighbourhood of Bristol.

The present Appendix only adds four species of *Tineina* to the County list.

It is proposed in the next part of the Appendix to record additions to the *Diptera* or *Hymenoptera* of the County, and all members of the Section are earnestly requested to preserve and submit to the Secretary any insects belonging to those two orders they may meet with (with dates and localities where found) during the coming year.

[Since Mr. Hudd completed the above, and went abroad, two very interesting items have been reported amongst the *Macros*, viz. :—

*Deiopeia pulchella* L. One example was taken at Weston-super-Mare "near the end of July 1900" by Mr. Basil Walters. It is now in the possession of his brother, Mr. Benjamin T. Walters, and still in the County. The only previous record is that of Stevens, in 1847, to be found in Vol. I of the *Trans. Ent. Soc.*, London.

*Epunda lichenea* Hb. Mr. W. B. Butler took two larvæ of this species near Minehead in May, 1913, from which he bred a pair of imagines, only previously recorded from Clevedon (Mr. Mason, two specimens) and from Wells (it is a maritime species!).

H. S.]