

Notes on the Diptera of Somerset.

PART IV.¹

BY H. J. CHARBONNIER.

THE fourth and last part of the list contains twenty-six Families, and over ninety Genera. I have again adhered to the nomenclature in Verrall's list of 1901. Most of the flies are small and inconspicuous, and extremely difficult to identify.

I owe many of the records in this list to the kindness of Major W. S. Patton, I.M.S., and Mr. C. G. Lamb, of Cambridge; these latter were sent me by Mr. A. E. Hudd, F.S.A., F.E.S. I have also had much assistance from Colonel T. Jermyn and Mr. A. E. J. Carter. To all these, and to those who have sent me specimens, I beg to return my most grateful thanks.

It is hoped that this imperfect list may stimulate others to take up the study of our local Diptera, for there is little known about many of them; they offer a rich field for research, and some of their life histories are as wondrous as a fairy tale.

The following initials indicate the contributors:—(L.) Mr. Lamb; (H.) Mr. Hudd; (J.) Colonel Jermyn; (P.) Major Patton; (W.) the late Mr. C. J. Watkins; (V.H.) records in the *Victoria County History, Somerset*; (G.) Mr. G. C. Griffiths, F.E.S. (S.M.) indicates that I have taken the species at Shepton Mallet.

CORDYLURIDAE.

Cordylura pubera, F. Taunton (P).

Paralleloma albipes, Flin. Wells (L).

Amaurosoma flavipes, Flin. (S.M.).

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Norellia spinimana, Fln. Weston (J). Pensford (H).
Wells (L).

Scatophaga ordinata, Beck. (S.M.).

„ *inquinata*, Mg. Shapwick (J).

„ *stercoraria*, L. Everywhere.

„ *merdaria*, F. Everywhere.

„ *swilla*, F. Weston (J). (S.M.).

„ *maculipes*, Zett. (S.M.).

„ *lutaria*, F. Leigh Woods and Pensford (H).
Wells (L).

Ceratinosoma ostiorum, Hal. Weston (J).

PHYCODROMIDAE.

Orygma luctuosum, Mg. Clevedon and Weston. Common.

HELOMYZIDAE.

Helomyza pallida, Fln. Leigh Woods (H). Wells (L).

„ *inornata*, Lw. Nailsea. Wells (L). Culm Head
(H).

„ *variegata*, Lw. Taunton (P). Leigh Woods (H).
Wells (L).

„ *affinis*, Mg. Wells (L).

Blepharoptera flavicornis, Lw. Nailsea. Wells (L).

„ *serrata*, L. Freshford. (S.M.).

Allophyla atricornis, Lw. Leigh Woods (H).

Heteromyza commixta, Coll. (S.M.). Wells (L).

Tephrochlamys canescens, Mg. Taunton (P).

HETERONEURIDAE.

Heteroneura albimana, Mg. Freshford. Taunton (P).
Wells (L).

SCIOMYZIDAE.

Lucina fasciata, Mg. Weston (L).

Dryomyza flaveola, F. (S.M.). Leigh Woods (H). Wells (L).

Neuroctena anilis, Fln. (S.M.). Leigh Woods (H).

Neottiophilum praeustum, Mg. Flax Bourton (H).

Phaeomyia fuscipennis, Mg. (S.M.). Leigh Woods (H).

- Sciomyza cinerella*, Fln. Leigh Woods (H). Portbury (H).
 „ *annulipes*. Wells (L).
 „ *dubia*, Fln. Brockley Coombe and Leigh (H).
 Wells (L).
 „ *ventralis*, Fln. Wells (L).
 „ *schoenherri*, Fln. Weston (J); very rare. Wells (L).
 „ *griseola*, Fln. Wells (L). Leigh Woods (H).
 „ *albocostata*, Fln. Leigh Woods (H). Wells (L).
 „ *pallida*, Fln. Portbury (H).
 „ *pallidiventris*, Fln. Leigh Woods (H).
Tetanocera punctata, F. Taunton (P). Leigh Woods (H).
 Clevedon (W).
 „ *coryleti*, Scop. (S.M.).
 „ *punctulata*, Scop. (S.M.). Taunton (P). Leigh
 Woods (H). Wells (L).
 „ *elata*, F. (S.M.). Leigh Woods (H).
 „ *ferruginea*, Fln. *V. arrogans*, Clevedon (W).
 „ *robusta*, Lw. Castle Cary. Taunton (P).
 „ *sylvatica*, Mg. Weston (J).
 „ *laevifrons*, Lw. Weston (J).
Limnia unguicornis, Scop. (S.M.). Leigh Woods and Pens-
 ford (H). Cheddar (G).
 „ *rufifrons*, F. (S.M.). Leigh Woods (H). Wells (L).
 „ *obliterata*, F. (S.M.). Sedgemoor and Leigh Woods
 (H). Wells (L).
 „ *marginata*, F. Weston (H).
Elgiva albiseta, Scop. Freshford.
 „ *cucularia*, L. Minehead (V.H.). Brockley (J).
 Wells (L).
 „ *lineata*, Fln. Cheddar (G).
 „ *rufa*, Pz. Cheddar (H). Cleeve Coombe (J). Clevedon
 (W).
Sepedon sphegeus, F. Cheddar (G). Taunton (P). Weston
 (J). Kewstoke (J).
 „ *spinipes*, Scop. Cheddar (G). Wells (L).

PSILIDAE.

- Psila fimetaria*, L. Freshford.
 „ *atra*, Mg. (S.M.).

- Psila rosae*, F. (S.M.). Culm Head (H). Wells (L).
 „ *nigrocornis*, Mg. Taunton (P). Wells (L).
Chyliza leptogaster, Pz. Wells (L).
Loxocera aristata, Pz. Batheaston (V.H.).
Lissa loxocerina, Fln. Near Taunton (P).

MICROPEZIDAE.

- Micropeza corrigiolata*, L. Batheaston (V.H.).
Calobata cibaria, L. Taunton (P).

ORTALIDAE.

- Dorycera graminum*, F. Withycombe (H. H. Slater).
Ptilonota guttata, Mg. Portishead (Bartlett). Leigh Woods
 (H).
 „ *centralis*, F. Leigh Woods (H).
Loxodesma lacustris, Mg. Cheddar (W).
Pteropaectria nigrina, Mg. Leigh Woods (H). Taunton (P).
 Wells (L).
 „ *afflicta*, Mg. (S.M.). Pensford (H). Wells (L).
Ceroxys pictus, Mg. St. Vincent's Rocks, Clifton (Curtis).
 „ *omissus*, Mg. Weston (J).
 „ *crassipennis*, F. Taunton (P).
Platysoma seminationis, F. Nailsea. Taunton (H).
Seoptera vibrans, L. Everywhere.

TRYPETIDAE.

- Acidia heraclei*, L. Common Celery fly.
 „ *lychnidis*, F. Leigh Woods (H).
Spilographa Zoë, Mg. (S.M.). Leigh Woods (H).
Rhaocochlaena toxoneura, Lw. Leigh Woods (H).
Trypeta onotrophes, Lw. (S.M.).
 „ *tussilaginis*, F. Wells (L).
 „ *florescentiae*, L. Weston (J). Wells (L).
Urophora solstitialis, L. Minehead (V.H.).
 „ *aprica*, Fln. Minehead (V.H.).
 „ *stylata*, F. Crook's Peak (Rev. S. O. Ridley).
Sphenella marginata, Fln. Clevedon (W).
Tephritis bardanae, Sch. Nailsea. Taunton (P).

Tephritis corniculata, Fln. Brockley, Leigh and Pensford (H).

„ *vespertina*, Lw. Freshford. Clevedon (W).

„ *miliaria*, Sch. Pensford (H).

„ *proboscidea*, Lw. Wells (L).

Urellia cometa, Lw. Clevedon (W).

LONCHAEIDAE.

Lonchaea chorea, F. (S.M.). Steep Holme (H). Wells (L); common.

„ *tarsata*, Fln. Wells (L).

„ *flavidipennis*. Wells (L).

Palloptera ustulata, Fln. (S.M.). Wells (L).

„ *umbellatarum*, F. Nailsea. Pensford (H).

„ *pulchella* = *Toxoneura muliebris*, Hare. Leigh Woods (H). (S.M.).

„ *arcuata*, Fln. Leigh Woods (H).

SAPROMYZIDAE.

Peplomyza Wiedemanni, Lw. Leigh Woods (H). Taunton (P). Wells (L).

Sapromyza lupulina, F. Culm Head (H).

„ *longipennis*, F. Taunton (P). Wells (L).

„ *fasciata*, Fln. Taunton (P). Wells (L).

„ *inusta*, Mg. Taunton (P). Wells (L). Leigh Woods (H).

„ *decempunctata*, Fln. (S.M.). Leigh Woods (H).

„ *pallidiventris*, Fln. Taunton (P). Leigh Woods (H). Wells (L).

„ *difformis*, Lw. Brockley Coombe and Leigh Woods (H).

„ *rorida*, Fln. Leigh Woods (H). Weston (J).

„ *decipiens*, Lw. Wells (L). Pensford (H).

„ *praeusta*, Fln. Nailsea and Portishead (H). Wells (L).

„ *biumbata*, Lw. Weston (J).

„ *sordida*, Hal. Leigh Woods (H). Wells (L).

Lauxania oenea, Fln. Portishead (H). Shapwick (J).

„ *amica*, Hal. Leigh Woods (H).

OPOMYZIDAE.

- Ballioptera tripunctata*, Fln. Leigh Woods (H). Weston (J).
Wells (L).
,, *combinata*, L. Taunton (P). Wells (L).
Opomyza germinationis, L. Common everywhere.
Tetanura pallidiventris, Fln. Taunton (P).

SEPSIDAE.

- Sepsis cynipsea*, L. Everywhere.
,, *nigripes*, Mg. Wells (L).
,, *punctum*, F. Leigh Woods (H). Shapwick (J).
,, *violacea*, Mg. Shapwick (J).
Nemopoda cylindrica, F. Leigh Woods (H). Taunton (P).
Cheddar (G).
,, *stercoraria*, Dsv. (S.M.). Weston (J).
Henicita annulipes, Mg. Leigh Woods (H).
,, *Leachi*, Mg. (S.M.).
Themira putris, L. Taunton (P). Wells (L).
Saltella scutellaris, Fln. Langport (Dale).

PIOPHILIDAE.

- Piophilha casei* (L). Common Cheese fly.
,, *nigriceps*, Mg. Taunton (P).
,, *varipes*, Mg. Taunton (P).

GEOMYZIDAE.

- Diastata fulvifrons*, Hal. Wells (L).

EPHYDRIDAE.

- Notiphila guttiventris*, Stnh. Keynsham.
,, *cinerea*, Fln. Swinford. Sedgemoor (H). Taunton
(P).
Discocerina nigrina, Mg. (S.M.).
Hydrellia griseola, Fln. (S.M.). Leigh Woods and Port-
bury (H).
,, *hydrocotyles*, Hal. (S.M.).
Parhydra pusilla, Mg. Ashton Park (H).
,, *coarctata*, Fln. Leigh Woods and Portbury (H).
Crook's Peak (Rev. S. O. Ridley).

- Parhydra aquila*, F. Flax Bourton (H).
 ,, *fossarum*, Hal. Wells (L).
Ephydra micans, Hal. Taunton (P).
Ilythea spilota, Hal. (S.M.); in winter.
Scatella stagnalis, Fln. Taunton (P).
 ,, *sorbillans*, Hal. (S.M.).
 ,, *noctula*, Mg. (S.M.).
 ,, *quadrata*, Fln. Wells (L).
Tichomyza fusca, Mcq. Keynsham.
Mosillus subsultans, F. Clevedon (W).

DROSOPHILIDAE.

- Scaptomyza graminum*, Fln. Wells (L).
 ,, *tetrasticha*, Beck. Wells (L).
Drosophila funebris, F. Common Vinegar fly.
 ,, *confusa*, Stoeg. (S.M.).
 ,, *phalerata*, Mg. Leigh Woods (H). Taunton (P).
 Wells (L).
 ,, *fenestrarum*, Fln. Wells (L).
Noterophila glabra, Fln. Wells (L).
Aulacigaster rufitarsis, Mcq. Wells (L).

CHLOROPIDAE. Beautiful little black and yellow flies, with brilliant green eyes, hence the name.

- Meromyza saltatrix*, L. Willsbridge. Taunton (P).
 ,, *pratorum*, Mg. Burnham (Ridley). Taunton (P).
 ,, *laeta*, Mg. Taunton (P). Leigh Woods (H).
 ,, *variegata*, Mg. Leigh Woods (H).
Centor cereris, F. Clevedon (W). Weston (J).
 ,, *myopinus*, Lw. Wells (L).
Chlorops taeniopus, Mg. Taunton (P). Wells (L).
 ,, *gracilis*, Mg. Holford (Punfield).
 ,, *notata*, Mg. Clevedon (W).
 ,, *rufa*, Mcq. (S.M.).
 ,, *planifrons*, Lw. Flax Bourton (H).
 ,, *minuta*, Lw. Cheddar and Leigh Woods (H).
 ,, *interrupta*, Mg. Wells (L).
Chloropisca ornata, Mg. Taunton (P). Wells (L).
 ,, *glabra*, Mg. Wells (L).

- Oscinis pusilla*, Mg. Taunton (P).
Elachyptera cornuta, Fln. Taunton (P). Wells (L).
 „ *megaspis*, Taunton (P).
Dicraens albipennis. Wells (L).

AGROMYZIDAE.

- Agromyza scutellata*. Taunton (P).
 „ *reptans*, Mg. Taunton (P). Wells (L).
 „ *exigua*, Mg. Wells (L).

PHYTOMYZIDAE.

- Phytomyza flava*, Fln. Wells (L).
Chromatomyia ilicis, Curt. (S.M.).
 „ *affinis*, Mg. Wells (L).
 „ *obscura*, Fln. (S.M.). Wellington (Milton).
Napomyza lateralis, Fln. Wells (L).

ASTIADAE.

- Astia amoena*, Mg. (S.M.). Wells (L).

BORBORIDAE.

- Borborus nitidus*, Mg. Taunton (P). Wells (L). Leigh Woods (H).
 „ *niger*, Mg. (S.M.).
 „ *suillorum*, Hal. (S.M.).
 „ *pallifrons*, Fln. Kewstoke (J).
 „ *longipennis*, Hal. Highbridge. Wells (L).
 „ *vitripennis*, Mg. Taunton (P).
 „ *equinus*, Fln. Everywhere.
 „ *nigrifemoratus*, Mcq. Wells (L).
 „ *geniculatus*, Mcq. Everywhere.
 „ *Roseri*, Rud. Wells (L).
Sphaerocera subsultans, F. Common everywhere.
Limosina leucoptera, Hal. (S.M.).
 „ *vitripennis*, Zett. (S.M.). Wells (L).
 „ *sylvatica*, Mg. Freshford. Wells (L).
 „ *geniculata*, Mcq. (S.M.).
 „ *simplicimana*, Rdi. Taunton (P).
 „ *acutangula*, Zett. Taunton (P).

- Limosina pumilio*, Mg. Taunton (P).
 ,, *limosa*, Fln. Keynsham.
 ,, *roralis*, Rnd. Wells (L).
 ,, *fontinalis*, Fln. Wells (L).
 ,, *ochripes*, Mg. Wells (L).

PHORIDAE.

- Conicera atra*, Mg. Freshford.
Phora maculata, Mg. (S.M.).
 ,, *lutea*, Mg. (S.M.).
 ,, *abdominalis*, Fln. Langport (V.H.).
 ,, *thoracica*, Mg. Taunton (P).
 ,, *fungivora*, Wood. Taunton (P); feeding on fungi.
 ,, *Bergenstammi*, Mik. Taunton (P).
 ,, = *Aphiochaeta rufipes*, Mg. Taunton (P).
 ,, ,, *melanocephala*, v. Ros. Taunton (P).
 Leigh Woods (H).
 ,, ,, *pluralis*, Wood. Taunton (P).
 ,, ,, *concinna*, Mg. Wells (L).
 ,, ,, *incrassata*, Mg. Wells (L).
Trineura aterrima, F. Wells (L).

HIPPOBOSCIDAE.

- Ornithomyia avicularia*, L. Wellington (Milton).
Stenopteryx hirundinis, L. (S.M. on House Martins).
Oxycyterum pallidum, Leach. On Swifts.
Melophagus ovinus, Ltr. On sheep, on a horse, and on a human.

BRAULIDAE.

- Braula caeca*, Nitz. (S.M. in a beehive).

NYCTERIBIDAE.

- Nycteribia Hermanni*, Leach. On a bat, *Rhinolophus hipposideros*, in Cheddar Caves, T. A. Coward, F.Z.S.