

## Lasiocampidae

### 95 Grass Eggar

*Lasiocampa trifolii* (Schiff.)

Some fine specimens bred from Ainsdale, Lancashire. A comforting thought that this fine moth is still to be found in its original localities despite building and other devastation in the area. Recorded by M.G. and W.A.W.

## Cossidae

### 602 Leopard Moth

*Zeuzera pyrina* (L.)

Two specimens of this fine moth at M.V. trap in July 1970 at Pulford, Cheshire (M.G.).

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## *The Diptera of Lancashire and Cheshire*

by  
L. N. KIDD

The present list covers Diptera of the families Tipulidae to Syrphidae and is the second supplement to *The Diptera of Lancashire and Cheshire—Part 1* by L. N. Kidd and A. Brindle, published by the Lancashire and Cheshire Fauna Committee in 1959. The first supplement appeared in the 34th Report (1964) and also separately as Publication No. 46 of the Committee. Some 14 species belonging to the above families are here added to the faunal area, 19 more to either Lancashire or Cheshire, and a further 7 are recorded for one of the two Lancashire vice-counties. Owing to previous misidentifications three species have been deleted from the area list.

As in the case of Kidd and Brindle, 1959, v.c. 60 (Lancashire north of the Ribble) has been taken to include the Arnsdale area and the district north of the Kent estuary, included within the political boundaries of Lancashire but now placed in v.c. 69. Also in keeping with the above publication, the Goyt Valley has been included with the Cheshire records although the whole of the valley is now in Derbyshire.

The attention of readers is drawn to the following important publications which affect the nomenclature of some of the families dealt with in Kidd and Brindle, 1959.

Coe, R. L., 1966. Handbooks for the Identification of British Insects, Vol. X, Pt. 2(c). Diptera: Pipunculidae. *R. ent. Soc. Lond.*

Collin, J. E., 1961. British Flies, Vol. VI. Empididae. *Cambridge Univ. Press.*

Hutson, A. M. and Vane-Wright, R. I., 1969. Corrections and Additions to the list of British Nematocera (Diptera) since



Kloet and Hincks' "A Check List of British Insects" (1945), Part 1. Introduction and families Tipulidae, Trichoceridae and Anisopodidae (Tipuloidea). *Ent. Gaz.* **20**:231-256.

Hutson, A. M., 1970. as above, Part 2. Scatopsidae. *Ent. Gaz.* **21**:117-123.

Oldroyd, H., 1969. Handbooks for the Identification of British Insects, Vol. IX, Pt. 4. Diptera: Brachycera, Section (a) Tabanoidea and Asiloidea. *R. ent. Soc. Lond.*

Tuomikoski, R., 1966. Generic Taxonomy of the Exechiini (Dipt., Mycetophilidae). *Ann. Ent. Fenn.*, **32**:159-194.

The following papers have also been consulted during the preparation of the present Supplement.

Kidd, L. N. and Ackland, D. M., 1970. *Mycetophila bohémica* Lastovka and *Dynatosoma nigromaculatum* Lundstroem new to Britain, and Notes on other little known Fungus Gnats (Dipt., Mycetophilidae). *Entomologist* **103**:10-17.

Skidmore, P., 1966. Asilidae (Dipt.) of Northern England. *Entomologist's Rec. J. Var.* **78**:230-235, 257-266.

I should like to record my indebtedness to those collectors who have contributed records. Their names are abbreviated as follows:

A.B.—A. Brindle

A.E.S.—A. E. Stubbs

A.M.H.—A. M. Hutson

C.A.C.—C. A. Cheetham

C.J.—C. Johnson

E.W.A.—E. W. Aubrook

H.B.—H. Britten

M.G.F.—M. G. Fitton

W.A.W.—W. A. Watson

The remaining records are my own.

Other abbreviations used are:

††—New to the faunal area. †—New to one county.

\*—New to one of the Lancashire vice-counties.

## TIPULIDAE

\**Tipula* (*Tipula*) *czizeki* de Jong 60, ♂, Meathop Moss, near Grange-over-Sands, 23-10-1968, flying over *Eriophorum* and *Erica* bog (A.E.S., *Entomologist's Rec. J. Var.* **81**:180).

*Nephrotoma crocata* (L.) 59, St. Anne's-on-Sea, June 1964 (W.A.W.). Cooke's old records of some ninety-odd years ago are the only previous ones for this vice-county.



†*Limonia (Metalimnobia) bifasciata* (Schr.) 58, ♀ Plumley N. R., 18-7-1968.

†*Erioptera (Erioptera) fusculeta* Edw. 59, Holden Clough, near Oldham, 31-7-1969 (A.B.).

### PSYCHODIDAE

††*Pericoma (Pericoma) pilularia* Tonn. 59, ♂ Holden Clough, 13-5-1969. Crisp and Lloyd bred this species in bulk during their investigations of the insect fauna of woodland mud.

††*Pericoma (Pericoma) neglecta* Eaton 59, ♂ Holden Clough, 13-5-1969. This species was also bred from woodland mud by Crisp and Lloyd.

†*Clytocerus ocellaris* (Mg.) 59, ♂♂ ♀♀ Holden Clough, 28-5-1969.

†*Psychoda (Threticus) lucifuga* (Walk.) 59, ♂ Holden Clough, 28-5-1969.

### CULICIDAE

\**Dixa (Paradixa) autumnalis* Mg. 58, Broadbottom, 18-1-1964 (C.J.).

### MYCETOPHILIDAE

††*Bolitophila rossica* Landr. 59, Two ♂♂ and ♀ Freshfield, 19-9-1970 (A.M.H.). A species recently added to the British list by Hutson and Kidd (in press).

*Bolitophila tenella* Winn. Delete Arden Hall record shown in Kidd and Brindle (1959). The remaining Cheshire records of this species also need confirmation.

†*Bolitophila spinigera* Edw. 60, Coniston, bred from moss, emerged 30-1-1958 (A.B., det L.N.K.).

\**Diadocidia ferruginosa* (Mg.) 59, Holden Clough, 25-9-1969.

*Macrocera parva* Lund. The four records listed under this species in Kidd and Brindle (1959) all refer to *Macrocera stigmoides* Edw. The species should therefore be deleted from the Lancashire and Cheshire list. This is essentially a montane insect.

†*Mycomya wankowiczii* (Dz.) 60, Humphrey Head, 9-6-1922 (C.A.C. det. F.W. Edwards). A previously overlooked record.

†*Mycomya cinerascens* (Macq.) 59, ♀ Whalley, 6-10-1960 (A.B. det L.N.K.).



- \**Boletina gripha* Dz. 59, ♂ Holden Clough, 29-10-1968.
- ††*Exechia pallida* (Stann.) 59, ♀ Holden Clough, 29-10-1968.  
Presumably a rare species. (Kidd and Ackland, 1970).
- †*Exechia frigida* (Boheman) 59, ♂ Holden Clough, 29-10-1968  
(Kidd and Ackland, 1970).
- Exechia exigua* Lund. This species should be removed from the Lancashire and Ceshire list as the Cotterill Clough record in Kidd and Brindle (1959) refers to *E. nana* (Staeg.).
- †*Pseudexechia trisignata* (Edw.) (*Exechia trisignata*) 59, ♂ Holden Clough, 9-10-1968.
- †*Exechiopsis* (*Exechiopsis*) *subulata* (Winn.) (*Exechia subulata*) 59, ♂♂ Holden Clough, 29-10-1968, 13-5-1969.
- ††*Exechiopsis* (*Exechiopsis*) *clypeata* (Lund.) (*Exechia clypeata*) 59, ♂ ♀ Holden Clough, 9-10-1968 (Kidd and Ackland, 1970).
- †*Exechiopsis* (*Xenexechia*) *pollicata* (Edw.) (*Exechia pollicata*) 59, ♀ Holden Clough, 29-10-1968.
- \**Rymosia virens* Dz. 59, ♂ Holden Clough, 26-7-1968.
- †*Rymosia bifida* Edw. 58, ♂ Broadbottom Woods, 14-9-1967.
- †*Allodia truncata* Edw. 59, ♂ Holden Clough, 9-10-1968.
- ††*Cordyla flaviceps* (Staeg.) 58, ♂♂ Broadbottom Woods, 7-9-1967, 14-9-1967.

### STRATIOMYIDAE

- †*Odontomyia viridula* (F.) 58, ♀ Plumley N.R., 18-7-1968. This species occurs mainly on flowers by coastal sandhills in our area.
- ††*Oxycera morrisii* Curt. 58, ♀ Plumley N.R., 18-7-1968. Stated by Oldroyd (1969) to be a widely distributed, but rare and local species.
- †*Oxycera pulchella* Mg. 58, ♀ Plumley N.R., 18-7-1968. Stated by Oldroyd (loc. cit.) to have a scattered distribution in southern England and Wales. A specimen taken at Heaton Norris by the late Dr. W. D. Hincks was recorded in the previous supplement to this Report.

### ASIIDAE

- Rhadiurgus variabilis* (Zett.) Skidmore (1966) has pointed out that this species, which is an insect of pine forests in the



Scottish Highlands, should be removed from the Lancashire and Cheshire list. The records given in Kidd and Brindle (1959) refer to *Lasiopogon cinctus* (F.).

- †† *Pamponerus germanicus* (L.) 60, ♂ Rusland Pool, Black Beck, Haverthwaite, 9-6-1956 (E.W.A., det. E. Taylor, *Entomologist's mon. Mag.* 101:205).

### EMPIDIDAE

*Tachydromia agilis* Mg. (*Platypalpus agilis*) A female of this common species was taken in Holden Clough (v.c. 59) on 13-7-1969. This is apparently a late date for the species as Collin (1961, p.201) gives the latest record as the end of June.

- †† *Euthyneura halidayi* Collin 59, Whalley, reared from decayed wood, emerged 27-4-1964 (A.B.).

† *Hilara rejecta* Collin 59, ♂ Holden Clough, 11-8-1968.

- †† *Rhamphomyia* (*Rhamphomyia*) *subcinerascens* Collin 59, ♂ Holden Clough, 10-5-1953.

† *Clinocera* (*Hydrodromia*) *wesmaelii* (Macq.) 58, ♀ Goyt Valley, 28-3-1956. Apparently the earliest recorded date. According to Collin (1961, p.750) this species has been seldom found in Britain, but is recorded from Hereford, Yorkshire and on the summit of the Aviemore-Braemar pass in Scotland. It is also known from Blaze Moss, Lancs. (Kidd and Brindle, 1959).

### DOLICHOPODIDAE

- †† *Hypophyllus discipes* (Ahrens) 59, Whalley, emerged 24-5-1964 from grass heap (A.B.).

†† *Syntormon tarsatus* (Fln.) 59, ♂ Holden Clough, 3-8-1968.

† *Syntormon pumilus* (Mg.) 59, ♂ Holden Clough, 13-7-1969.

- †† *Argyra perplexa* Becker 59, ♂ Holden Clough, 18-7-1969.

### PHORIDAE

- †† *Triphleba minuta* (F.) 59, ♀ ♀ Holden Clough, 9-10-1968 (det. C. N. Colyer). According to Mr. Colyer it is associated with the fungus *Gymnopilus junonius* (Fr.) Orton (syn. *Pholiota spectabilis*).

### SYRPHIDAE

- † *Neoascia geniculata* (Mg.) 59, ♂ Holden Clough 26-7-1968 (M.G.F.).



\**Baccha elongata* (F.) 59, ♂ Holden Clough, 25-7-1969 (M.G.F.)

\**Syrphus labiatarum* Verr. (*Stenosyrphus labiatarum*) 59, ♂  
Holden Clough, 13-7-1969 (M.G.F.).

It is hoped in the not too distant future to be able to proceed with the publication of further parts of the Diptera of Lancashire and Cheshire, but owing to printing costs, these are likely to be on a smaller scale than Part 1 which consisted of 136 pages. Future parts will probably include either one large family or several smaller ones. The Recorder will be grateful for any records for inclusion in the above publication or its supplements.

Copies of the Diptera of Lancashire and Cheshire (Part 1) are available at the specially reduced price of 10/- (50p) instead of £1-1-0. Purchasers will receive a free copy of the First Supplement. Those wishing to obtain the First Supplement only, may do so at a cost of 2/- (10p).

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## *The Grasshoppers, Earwigs and Cockroaches of Lancashire and Cheshire*

by

**A. BRINDLE**

These orders, the Orthoptera, Dermaptera, and Blattodea, have not been systematically collected in the two counties, and the present records are mainly due to incidental collecting. It is hoped to survey the orders more thoroughly in the future, and there are a few additional species which may occur. These orders, however, are characteristic of dryer and warmer climates, and the majority of the British species are restricted to the southern counties, so that any future additions to the list are likely to be few. The wetter western counties of England are also less attractive than the drier eastern counties, and some species extend further north in England along the eastern part than they do along the western side of the country. Both *Conocephalus dorsalis* (Latreille) and *Metrioptera roeselii* (Hagenbach) are recorded from Spurn, East Yorkshire, which lies at about the same latitude as the Ribble estuary, but the former extends no further north in western England than Merionethshire on the mainland, whilst the latter is not recorded from any part of western England. Future collecting in Lancashire and Cheshire, therefore, will probably be most useful in extending the list of localities for the known species.

The recent excellent book on the Orthoptera, Phasmida, and Blattodea of the British Isles by Ragge (1965) should give an impetus to the study of these orders, since it provides a very