

HASLEMERE NATURAL HISTORY SOCIETY.

LEPIDOPTERA  
— OF —  
HASLEMERE and DISTRICT



PINE HAWK

*A Revised Edition compiled by*  
F. A. OLDAKER, M.A.

PRINTED AND PUBLISHED FOR THE COMMITTEE OF THE HASLEMERE  
NATURAL HISTORY SOCIETY.

Price to Members, 1/9 ; Non-Members, 2/6.

A LIST OF THE LEPIDOPTERA  
OCCURRING WITHIN  
SIX MILES OF HASLEMERE

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JULY 1951

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or from the Hon. Secretary.*

## INTRODUCTION TO THE FIRST EDITION OF 1913.

The "Victoria Histories" of Surrey and Sussex contain lists of the Lepidoptera to be found in those counties, but it is difficult to pick out from these the insects of the Haslemere district; and as it is now nearly fifty years since Mr. C. G. Barrett published his list of the Lepidoptera found by him in this locality, the time seems opportune for a more up-to-date record. And the compilation of the following list has been rendered possible, because several entomologists have been working the district during the past six or seven years. Their records have been collected and embodied in this paper. It is not claimed to be exhaustive—indeed, its publication has been delayed for more than two years because additions were continually being made, but a careful perusal of the list will show what a rich locality this is, both in the numbers and in the rarity of the insects found.

To take the Rhopalocera alone, it will be a matter of surprise to many that no fewer than forty-six species, out of a total for Great Britain of sixty-eight, have been taken here, and though there are only isolated records of one or two species, these records are all well authenticated, and in the majority of cases the insects are well established. One or two are of special interest.

*Leucophasia sinapis* has been found in several different places, though not generally taken in numbers. There has been a good deal of correspondence in the "Entomologist" lately, to the effect that this species is getting scarcer in its old haunts, and especially in the New Forest, where it is now almost, if not quite, extinct. It is a matter for congratulation that such a dainty little fly seems to stand in little danger of dying out here; but local collectors have been sparing in their captures, and everyone who may happen upon one of its haunts is urged to show equal consideration.

*Apatura iris*, the most brilliant of our native butterflies, is also found in many parts of the district, and *Limenitis sibylla* occurs in several places. Two specimens of *Vanessa antiopa*, which is always a casual visitor in England, have been taken at Witley, and two undoubted records of *Polygonia c-album* exist, though it is possible that these were specimens that had escaped from the breeding cage. The dark variety *Valesina* of *Argynnis paphia* has been taken at Waggoner's Wells, and the writer has seen two specimens of *Melitaea athalia* taken here in 1907 and 1909. Two other species, *Argynnis aglaia* and *Melanargia galatea*, which are usually confined to chalk districts, have strayed into our area from time to time.

Among the Heterocera, it may be worth recording that *Sphinx convulvi* was taken more than once in 1911, and *Deilephila livornica* in 1906; and among the less common insects may be mentioned *Staropus fagi*, *Drymonia trimacula* = *dodonaea* (quite plentiful), *Odontotia carmelita*, *Palimpsestis fluctuosa*, *Orgyia gonostigma*, *Endromis versicolor*, *Hylophila bicolorana*, *Aeronycta alni*, *Agrotis agathina*, *Noctua ditrapezium*, *Aplecta tincta*, *Stilbia anomala*, *Orrhodia rubiginea*, *Lithophane semibrunnea*, *Cucullia gnaphalii*, *Madopa salicis* (recorded by

Mr. Barrett, but apparently not found since), *Euchloris pustulata*, *Eustroma silaceata*, *Eulype hastata*, *Coremia quadrifasciaria*, and many others.

Among varieties the following are perhaps worth recording:—The *helice* form of *Colias edusa*: a specimen of *Argynnis euphrosyne*, with white ground colour instead of brown, taken at Witley: a remarkable aberration of *Epinephele tithonus*, with flesh-coloured markings instead of dark, on normal ground, taken in 1897, and sold at Stevens's in 1909 for £8 10s: a variety of *Noctua ditrapezium* without the usual black spots and markings: much variation in *Triphaena fimbria*: a green variety of *Ellopiia prosapiaria*: a dark unicolorous variety of *Epione advenaria*: a very wide range of variation in *Boarmia repandata*, including the banded form *Conversaria* and the black form *Nigricatu*: confluent forms of *Zygaena trifolii*, almost as common as the type in one locality.

The nomenclature adopted—except for the so-called "Micros," where Meyrick's "Handbook" has been followed, and details of capture omitted, through lack of adequate knowledge—is that used by Mr. R. South, F.E.S., in his "Butterflies and Moths of the British Isles," which is the standard work for the general collector; but several names, adopted according to the law of priority, seem strange and unfamiliar, and the more familiar names have been added in brackets.

It only now remains to record the names of those who have given their help in the compilation of this list. First and foremost is Mr. H. Watkins, whose list of personal captures is a long one, and whose untiring work at the Museum and in collecting information has greatly simplified the compiler's task; Mr. B. E. Jupp, who collected in the district from 1908 till 1912, and who was an indefatigable and quite remarkably expert observer and collector, the news of whose lamented death has only recently reached us; Mr. J. E. Eastwood, F.E.S., who has made a fine collection at Witley; the late Miss A. Evans, who collected in Witley about twenty years ago, and the bulk of whose collection is in the Museum; the late Mr. C. G. Barrett, F.E.S., who has been mentioned above, and whose work is too well known to entomologists to need more than passing reference here; the late Mr. E. Newman, F.E.S., whose well-known book with its excellent woodcuts has been, and still is, a great help to many entomologists; and the following:—Colonel Brown, Mr. F. Bullock, Mr. E. L. Collingwood, Mr. C. Donkin, Mr. F. H. Gossage, Mr. G. Hale, Mr. G. M. Harris, Mr. R. E. Hubbuck, Miss R. Jackson, Mr. W. J. Kaye, F.E.S., Miss A. Lunn, Mr. W. C. Marshall, Mr. R. Railton, Mr. A. Richards, Mr. C. Robertson, Mr. H. Roe, Mr. J. Roe, Captain Salvin, Mr. H. J. Spindler, Mr. E. W. Swanton, Mr. A. E. Tonge, F.E.S., Mr. I. Williams, and others.

It should be added that, for facility of reference, the Museum collections have been overhauled and red labels have been attached to all species occurring locally, and to all specimens captured locally.

F. A. OLDAKER.

June 1913.

## INTRODUCTION TO THE 1920 SUPPLEMENT.

In Mr. Oldaker's list (published in 1913), 1,033 species and a few varieties are mentioned. Many additional records have been made by Mr. E. R. Waters and others. The Society is under obligation to Mr. H. T. G. Watkins for the following supplementary list, which also includes some previously overlooked records given in two lists of Haslemere Lepidoptera compiled by the late Mr. C. Barrett, F.E.S., in 1865 and 1889. Seventy-one species are thus added to the previous list, making a grand total of 1,104 for the district.

## INTRODUCTION TO THE EDITION REVISED IN 1951

The original list of local lepidoptera was published in 1913, and a supplement was issued in 1920. These have been out of print for some time, and a large amount of additional material has accumulated since. A great stimulus has also resulted from the efforts of one or two enthusiastic collectors, and from the ecological survey of the Punchbowl, which is being made under the inspiring guidance of Lieutenant-Colonel C. J. F. Bensley.

One of the more noteworthy records among the butterflies has been the establishment of the Comma, *Polygonia c-album*. After almost total absence from the district for many years, it suddenly made its appearance in the early 1930's, since when it has gradually spread throughout our area, until in some years it has been the commonest of the Vanessids. The White Admiral, *Limenitis camilla*, is also well established in many favourable spots, having migrated in some numbers from its habitat in the New Forest. More than one record has come in of the appearance of the Camberwell Beauty, *Nymphalis antiopa*, especially in the hot summer of 1949, but there seems to be no evidence of its breeding here. On the other hand, the Large Tortoiseshell, *N. polychloros*, which is akin to it, has not been recorded for many years, the last, to the writer's knowledge, being in 1911. The Clouded Yellow, *Colias croceus*, has appeared sparingly in most years, but in 1949 it may be said to have been common, and it stayed with us very late in the season, owing, no doubt, to the prolonged summer weather. It had long been suspected that the Brown Hairstreak, *Thecla betulae*, was present in the neighbourhood, and this has now been clearly established. The Purple Emperor, *Apatura iris*, normally turns up in small numbers in several parts of the district, and the Chalk Hill Blue, *Lysandra coridon*, and other insects which occur chiefly in chalk districts, appear at times to stray into our area.

Among the moths, the outstanding addition to our list is the Pine Hawk, *Hyloicus pinastri*, which may be said to be firmly established, and the Dark Crimson Underwing, *Catocala sponsa*, has occurred more than once of late, leading one to hope that this handsome insect has come to stay. The systematic and thorough working of several localities has revealed the fact that some moths, hitherto regarded as uncommon or rare, are comparatively abundant; among these may be mentioned the Lobster, *Stauropus fagi*, the Scarce Prominent, *Odonotosia carmelita*, and the Satin Lutestring, *Tethea fluctuosa*. A large range of variation is seen in such insects as the Great Yellow Underwing, *Lampra fimbriata*, and the Mottled Bark, *Cleora repandata*, which, if bred from a large batch of larva, produces some very beautiful forms.

With regard to the micro-lepidoptera, nothing has been attempted but a bare record of names, contributed by writers and collectors, from Mr. C. G. Barrett onwards. Notable additions to this list have lately been made by Sir A. W. Pickard-Cambridge, an established authority, who now lives on Marley, but who has little leisure to do much more than casual collecting. Mr. Robin Mere, whose work among the "macros" is doing so much to advance our knowledge, and who has now migrated to Chiddingfold from the Churt-Hindhead area, has taken up the study of the "micros," and is rapidly adding to our list.

Many others are doing useful work and bringing in valuable records, among whom are:—A. L. Jewell, Hugh Thompson, J. Caiger, Dr. T. Jones, Denys A. Tidman, John Gurdon, Mr. Watkins (Keeper for the National Trust), Miss Balfour, T. H. Parry, Mary Orchard, Mrs. Wood, and many others.

The nomenclature adopted is, for the macrolepidoptera, that of "A Check-list of British Macrolepidoptera" (1946: Amateur Entomologists' Society) and for the microlepidoptera, "A Guide to the Smaller British Lepidoptera," by L. T. Ford (1949: South London Entomological and Natural History Society). I am grateful to Lt. Col. C. J. F. Bensley for his valuable help in checking, and where necessary, amending the nomenclature to bring it into line with these two authorities.

To Miss M. M. Jones, the Natural History Society and I owe a special debt of gratitude for her great assistance in typing out the whole manuscript.

The plate of *Hyloicus pinastri*, the Pine Hawk, is from a photograph taken by Mr. J. Clegg.

F. A. OLDAKER.

July 1951.

# LIST OF LEPIDOPTERA

## RHOPALOCERA BUTTERFLIES

### SATYRIDAE.

- The Marbled White. *Melanargia galathea* L. Rare. Probably strayed.  
 The Grayling. *Satyrus semele* L. Common.  
 The Speckled Wood. *Pararge aegeria* L. Common.  
 The Wall Butterfly. *Pararge negera* L. Common.  
 The Meadow Brown. *Maniola jurtina* L. Common. Light varieties taken.  
 The Gatekeeper. *Maniola tithonus* L. Common. (See introduction to 1st Edition, 1913.)  
 The Ringlet. *Aphantopus hyperanthus* L. Common.  
 The Small Heath. *Coenonympha pamphilus* L. Common.

### NYMPHALIDAE.

- The Purple Emperor. *Apatura iris* L. Seen or captured almost every year in many parts of the district.  
 The White Admiral. *Limenitis camilla* L. Well established and plentiful in many localities.  
 The Comma. *Polygonia c-album* L. Formerly rare, but of late years thoroughly established, and in some seasons quite common.  
 The Large Tortoiseshell. *Nymphalis polychloros* L. Found in numbers in 1909 and 1911, but none since.  
 The Small Tortoiseshell. *Aglais urticae* L. Common.  
 The Peacock. *Nymphalis io* L. Common.  
 The Camberwell Beauty. *Nymphalis antiopa* L. Taken at Witley about 1880, and seen more than once during the hot summer of 1949.  
 The Painted Lady. *Vanessa cardui* L. Fairly common, but uncertain in appearance.  
 The Red Admiral. *Vanessa atalanta* L. Common in most years.  
 The Silver-washed Fritillary. *Argynnis paphia* L. Common in most years. Variety: *valezina* taken at Waggoner's Wells in 1911.  
 The High Brown Fritillary. *Argynnis cydippe* L. Uncommon.  
 The Dark Green Fritillary. *Argynnis aglaia* L. Uncommon, possibly strayed.



- The Pearl-bordered Fritillary. *Argynnis euphrosyne* L. Common.  
 Variety with white ground colour taken at Witley, and other varieties elsewhere.
- The Small Pearl-bordered Fritillary. *Argynnis selene* Schiff. Common.
- The Heath Fritillary. *Melitaea athalia* Rott. Taken in 1907, 1909, and 1914.
- The Marsh Fritillary. *Euphydryas aurinia* Rott. Formerly found, and small numbers taken 1950.

#### RIODINIDAE.

- The Duke of Burgundy. *Hammaris lucina* L. Very local and uncommon.

#### LYCAENIDAE.

- The Purple Hairstreak. *Thecla quercus* L. Common.
- The Brown Hairstreak. *Thecla betulae* L. Taken at Hindhead, 1917, and since taken in many localities, but uncommon.
- The White-letter Hairstreak. *Strymonidia w-album* Knoch. Rare.
- The Green Hairstreak. *Callophrys rubi* L. Common.
- The Small Copper. *Lycaena phlaeas* L. Common.
- The Silver-studded Blue. *Plebejus argus* L. Not uncommon.
- The Brown Argus. *Aricia agestis* Schiff. Fairly plentiful, but local.
- The Common Blue. *Polyommatus icarus* Rott. Common.
- The Chalkhill Blue. *Lysandra coridon* Poda. Recorded by Barrett, and taken near Chiddingfold in 1911.
- The Holly Blue. *Celastrina argiolus* L. Common.
- The Small Blue. *Cupido minimus* Fuessl. Local and uncommon.

#### PIERIDAE.

- The Large White. *Pieris brassicae* L. Common.
- The Small White. *Pieris rapae* L. Common.
- The Green-veined White. *Pieris napi* L. Common.
- The Orange Tip. *Euchloë cardamines* L. Common.
- The Wood White. *Leptidea sinapis* L. Well established in several parts of the district.
- The Pale Clouded Yellow. *Colias hyale* L. One in 1868 and one in 1892.
- The Clouded Yellow. *Colias croceus* Fourcr. Small numbers in most years; common over a long period in the hot summer of 1949. Varieties: *helice* in 1892 and in 1947.
- The Brimstone. *Gonepteryx rhamni* L. Common. Ab. *progressiva*. Taken in the Punchbowl, 1912.

#### HESPERIIDAE.

- The Grizzled Skipper. *Pyrgus malvae* L. Common.
- The Dingy Skipper. *Erynnis tages* L. Common.
- The Small Skipper. *Thymelicus sylvestris* Poda. Common.
- The Large Skipper. *Ochlodes venata* Br. & Grey. Common.

## HETEROCERA

### MOTHS

#### SPHINGIDAE.

- Lime Hawk-moth. *Mimas tiliae* L. Uncommon.  
 Poplar Hawk-moth. *Laothoe populi* L. Common.  
 Eyed Hawk-moth. *Smerinthus ocellata* L. Common.  
 Death's-head Hawk-moth. *Acherontia atropos* L. Rare.  
 Convolvulus Hawk-moth. *Herse convolvuli* L. Occasional. Several in 1911.  
 Privet Hawk-moth. *Sphinx ligustri* L. Common.  
 Pine Hawk-moth. *Hyloicus pinastri* L. Fairly established in several localities.  
 Striped Hawk-moth. *Celerio livornica* Esp. Rare. Odd specimens taken in 1867, 1889 and 1906 (4).  
 Small Elephant Hawk-moth. *Deilephila porcellus* L. Uncommon.  
 Elephant Hawk-moth. *Deilephila elpenor* L. Common.  
 Humming-bird Hawk-moth. *Macroglossum stellatarum* L. Common in some years.  
 Broad-bordered Bee Hawk-moth. *Hemaris fuciformis* L. Uncommon.  
 Narrow-bordered Bee Hawk-moth. *Hemaris tityus* L. Rare.

#### NOTODONTIDAE.

- Poplar Kitten Moth. *Harpyia hermelina* Goeze. Uncommon.  
 Sallow Kitten Moth. *Harpyia furcula* Cl. Uncommon.  
 Puss Moth. *Cerura vinula* L. Common.  
 Lobster Moth. *Stauropus fagi* L. Small numbers found in several areas.  
 Marbled Prominent. *Drymonia dodonaea* Schiff. Common.  
 Lunar Marbled Prominent. *Chaonia ruficornis* Hufn. Uncommon.  
 Sharp-wedged Prominent. *Pheosia tremula* Cl. Fairly common.  
 Blunt-wedged Prominent. *Pheosia gnoma* Fab. Common.  
 Pebble Prominent. *Notodonta ziczac* L. Fairly common.  
 Iron Prominent. *Notodonta dromedarius* L. Common.  
 Great Prominent. *Notodonta anceps* Goeze. Common.  
 Coxcomb Prominent. *Lophopteryx capucina* L. Common.  
 Scarce Prominent. *Odontosia carmelita* Esp. Uncommon.  
 Pale Prominent. *Pterostoma palpina* Cl. Fairly common.  
 Buff-tip. *Phalera bucephala* L. Common.  
 Chocolate Tip. *Clostera curtula* L. Uncommon.  
 Small Chocolate Tip. *Clostera pigra* Hufn. Uncommon.

#### THYATIRIDAE.

#### POLYPLOCIDAE.

- Arched Lutestring. *Habrosyne pyritoides* Hufn. Common.  
 Blossom Lutestring. *Thyatira batis* L. Fairly common.

Figure of Eighty. *Tethea ocellaris* L. Rare.  
 Poplar Lutestring. *Tethea* or Schiff. Uncommon.  
 Common Lutestring. *Tethea duplaris* L. Uncommon.  
 Satin Lutestring. *Tethea fluctuosa* Hb. Uncommon.  
 Lesser Lutestring. *Asphalia diluta* Schiff. Common.  
 Yellow-horned Lutestring. *Achlya flavicornis* L. Common.  
 Green Lutestring. *Polyploca ridens* Fab. Uncommon.

#### LYMANTRIIDAE.

Scarce Vapourer. *Orgyia recens* Hb. Rare.  
 Vapourer. *Orgyia antiqua* L. Uncommon.  
 Dark Tussock. *Dasychira fascelina* L. Uncommon.  
 Pale Tussock. *Dasychira pudibunda* L. Common.  
 Yellow-tail. *Euproctis similis* Fuessly. Common.  
 Poplar Tussock. *Leucoma salicis* L. Common.  
 Arched Tussock. *Lymantria monacha* L. Fairly common.

#### LASIOCAMPIDAE.

Lackey. *Malacosoma neustria* L. Common.  
 Pale Eggar. *Trichiura crataegi* L. Uncommon.  
 December Eggar. *Poecilocampa populi* L. Common.  
 Small Eggar. *Eriogaster lanestrus* L. Uncommon.  
 Oak Eggar. *Lasiocampa quercus* L. Fairly common.  
 Fox Moth. *Macrothylacia rubi* L. Fairly common.  
 Drinker Moth. *Philudoria potatoria* L. Fairly common.  
 Lappet Moth. *Gastropacha quercifolia* L. Rare.

#### ENDROMIDAE.

Kentish Glory. *Endromis versicolor* L. Formerly found.

#### SATURNIIDAE.

Emperor Moth. *Saturnia pavonia* L. Common.

#### DREPANIDAE.

Pebble Hook-tip. *Drepana falcataria* L. Common.  
 Oak Hook-tip. *Drepana binaria* Hüfn. Fairly common.  
 Beech Hook-tip. *Drepana cultraria* Fab. Uncommon.  
 Scalloped Hook-tip. *Drepana lacertinaria* L. Common.  
 Chinese Character. *Cilix glaucata* Scop. Fairly common.

#### NOLIDAE.

Cloaked Dwarf. *Nola cucullatella* L. Locally not uncommon.  
 Smoky Dwarf. *Nola trigula* Schiff. Uncommon.  
 Arched Dwarf. *Nola confusalis* H.-S. Fairly common.  
 Dewberry Dwarf. *Nola albula* Schiff. Rare.

**AGROTIDAE.****WESTERMANNIINAE.****CYMBIDAE.**

- Pink-edged Green. *Bena fagana* Fab. Common.  
 Large Green. *Pseudoips prasinana* L. Local and uncommon.  
 Marbled Oak. *Sarothrips revayana* Scop. Uncommon.

**ARCTIIDAE.**

- Buff Ermine. *Spilosoma lutea* Hufn. Common.  
 White Ermine. *Spilosoma lubricipeda* L. Common.  
 Muslin Ermine. *Cyenia mendica* Cl. Common.  
 Ruby Ermine. *Phragmatobia fuliginosa* L. Fairly common.  
 Heath Ermine. *Diacrisia sannio* L. Common.  
 Small Tiger. *Parasemia plantaginis* L. Uncommon.  
 Garden Tiger. *Arctia caja* L. Uncertain in appearance.  
 Cream-spot Tiger. *Arctia villica* L. Fairly common.  
 Cinnabar. *Callimorpha jacobaeae* L. Common.

**LITHOSIIDAE.****ARCTIIDAE.**

- Red-necked Footman. *Atolmis rubricollis* L. Uncommon.  
 Muslin Footman. *Nudaria mundana* L. Uncommon.  
 Marsh Footman. *Comacla senex* Hb. Locally plentiful.  
 Rosy Footman. *Miltochrista miniata* Forst. Fairly common.  
 Heath Footman. *Cybosia mesomella* L. Local, but plentiful.  
 Large Footman. *Lithosia quadra* L. Rare.  
 Buff Footman. *Eilema deplana* Esp. Rare.  
 Dingy Footman. *Eilema griseola* Hb. Common in water meadows.  
     Var. *stramineola*. Uncommon.  
 Common Footman. *Eilema lurideola* Zinck. Common.  
 Southern Footman. *Eilema complana* L. Uncommon.  
 Orange Footman. *Eilema sororcula* Hufn. Fairly common.

**AGROTIDAE.****CARADRINIDAE.****(NOCTUIDAE).**

- Tussock Cloak. *Colocasia coryli* L. Common.  
 Miller Dagger. *Apatele leporina* L. Uncommon.  
 Sycamore Dagger. *Apatele aceris* L. Uncommon.  
 Poplar Dagger. *Apatele megacephala* Schiff. Uncommon.  
 Alder Dagger. *Apatele alni* L. Widely distributed, but uncommon.  
 Dark Dagger. *Apatele tridens* Schiff. Probably commoner than supposed, owing to difficulty of identification.  
 Grey Dagger. *Apatele psi* L. Common.  
 Knot Grass Dagger. *Apatele rumicis* L. Fairly common.  
 Ash Dagger. *Craniophora ligustri* Schiff. Uncommon.  
 Marbled Lichen. *Cryphia perla* Schiff. Common.  
 Green Lichen. *Cryphia muralis* Forst. Rare.  
 Turnip Dart. *Agrotis segetum* Schiff. Common.

- Archer's Dart. *Agrotis vestigialis* Hufn. Widely distributed, but uncommon.
- Mottled Dart. *Agrotis clavis* Hufn. Fairly common.
- Small Dart. *Agrotis puta* Hb. Common.
- Plain Dart. *Agrotis exclamationis* L. Common.
- Dark Dart. *Agrotis ipsilon* Hufn. Uncommon.
- Garden Dart. *Euxoa nigricans* L. Uncommon.
- White-line Dart. *Euxoa tritici* L. Common.
- Knotted Dart. *Lycophotia varia* Vill. Common.
- Pearly Owlet. *Peridroma porphyrea* Schiff. Fairly common.
- Stout Owlet. *Spaelotis ravida* Schiff. Recorded by Barrett.
- Dull Owlet. *Graphiphora augur* Fab. Uncommon.
- Heath Clay. *Amathes agathina* Dup. Uncommon.
- Autumnal Clay. *Amathes glareosa* Esp. Uncommon.
- Moorland Clay. *Amathes castanea* Esp. var. *neglecta*. Uncommon.
- Dotted Clay. *Amathes baja* Schiff. Common.
- Lunar Clay. *Amathes c-nigrum* L. Common.
- Triple-spotted Clay. *Amathes ditrapezium* Schiff. Local, but plentiful.
- Woodland Clay. *Amathes triangulum* Hufn. Common.
- Dark Clay. *Amathes stigmatica* Hb. Uncommon.
- Six-striped Clay. *Amathes sexstrigata* Haw. Common.
- Common Clay. *Amathes xanthographa* Schiff. Common.
- Purple Clay. *Diarsia brunnea* Schiff. Common.
- Ingrailed Clay. *Diarsia festiva* Schiff. Common and variable.
- Small Clay. *Diarsia rubi* Vieweg. Common.
- Flame Clay. *Ochropleura plecta* L. Common.
- Lesser Yellow Underwing. *Triphaena comes* Hb. Common.
- Lunar Yellow Underwing. *Triphaena orbona* Hufn. Uncommon.
- The Yellow Underwing. *Triphaena pronuba* L. Common.
- Dark Yellow Underwing. *Triphaena janthina* Schiff. Common.
- Least Yellow Underwing. *Triphaena interjecta* Hb. Uncommon.
- Great Yellow Underwing. *Lampra fimbriata* Schreb. Common & variable.
- Flame. *Axylia putris* L. Common.
- Green Arches. *Anaplectoides prasina* Schiff. Uncommon.
- Silvery Arches. *Polia hepatica* Cl. Uncommon.
- Shining Arches. *Polia nitens* Haw. Uncommon.
- Grey Arches. *Polia nebulosa* Hufn. Common.
- Cabbage Moth. *Mamestra brassicae* L. Common.
- Dot Moth. *Melanchnra persicariae* L. Fairly common.
- Brown Brocade. *Diataraxia oleracea* L. Common.
- Chestnut Brocade. *Ceramica pisi* L. Fairly common.
- Shears Brocade. *Hadena nana* Hufn. Common.
- Light Brocade. *Hadena w-latinum* Hufn. Fairly common.
- Pale-shouldered Brocade. *Hadena thalassina* Hufn. Common.
- Beautiful Brocade. *Hadena contigua* Schiff. Fairly Common.
- Goosefoot Brocade. *Hadena trifolii* Hufn. Fairly common.
- White Hawksbeard. *Hadena serena* Schiff. Common.
- Marbled Champion. *Hadena conspersa* Schiff. Uncommon.
- Brown Champion. *Hadena bicurvis* Hufn. Fairly common.

- Purplish Campion. *Hadena cucubali* Schiff. Common.
- Tawny Campion. *Hadena lepida* Esp. Uncommon. Var. *capsophila*.  
Rare.
- Bordered Tracery. *Heliophobus anceps* Schiff. Uncommon.
- Feathered Tracery. *Tholera popularis* Fab. Common.
- Stout Tracery. *Tholera cespitis* Schiff. Uncommon.
- Straw Tracery. *Thalopophila matura* Hufn. Common.
- Brindled Green. *Dryobotodes protea* Schiff. Uncommon.
- Minor Shoulderknot. *Bombycia viminalis* Fab. Common.
- Figure of Eight Moth. *Episema caeruleocephala* L. Common.
- Flounced Rustic. *Luperina testacea* Schiff. Common.
- Sepia Dun. *Aporophila lutulenta* Schiff. Uncommon.
- Black Dun. *Aporophila nigra* Haw. Uncommon in most years.
- Large Stoneling. *Antitype flavicincta* Schiff. Rare.
- Sprawler. *Brachyonycha sphinx* Hufn. Uncommon.
- Dark Crescent. *Eumichtis adusta* Esp. Fairly common.
- Brindled Crescent. *Allophyes oxyacanthae* L. Common.
- Lichen Crescent. *Griposia aprilina* L. Uncommon.
- Small Angleshades. *Euplexia lucipara* L. Common.
- Angleshades. *Phlogophora meticulosa* L. Common.
- Old Lady Moth. *Mormo maura* L. Fairly common.
- Gothic. *Phalaena typica* L. Fairly common.
- Bird's Wing. *Dipterygia scubriuscula* L. Common.
- Dingy Shears. *Apamea ypsilon* Schiff. Uncommon.
- Dusky Brindle. *Apamea obscura* Haw. Common in all its forms.
- Shoulderknot Brindle. *Apamea sordens* Hufn. Common.
- Ochreous Brindle. *Apamea infesta* Ochs. Uncommon.
- Clouded-bordered Brindle. *Apamea crenata* Hufn. Fairly common.  
Var. *alopecurus*. Fairly common.
- Light Brindle. *Apamea lithoxyla* Schiff. Common.
- Dark Brindle. *Apamea monoglypha* Hufn. Common.
- Clouded Brindle. *Apamea caracterea* Hb. Fairly common.
- Slender Brindle. *Apamea scolopacina* Esp. Uncommon.
- Common Major. *Apamea secalis* L. Common.
- Ribbongrass Major. *Apamea ophiogramma* Esp. Rare.
- Marbled Minor. *Procus strigilis* Cl. Common.
- Middle-barred Minor. *Procus fasciuncula* Haw. Common.
- Rosy Minor. *Procus literosa* Haw. Fairly common.
- Cloaked Minor. *Procus furuncula* Schiff. Fairly common.
- Ear Moth. *Hydraecia oculea* L. Common.
- Rosy Ear. *Hydraecia micacea* Esp. Common.
- Orange Ear. *Gortyna flavago* Schiff. Common.
- Reed Ear. *Rhizedra lutosa* Hb. Rare.
- Bulrush Fibre. *Nonagria typhae* Thunb. Common where its food-plant occurs.
- Rosy Fibre. *Coenobia rufa* Haw. Rare.
- Sedge Straw. *Arenostola pygmina* Haw. Uncommon.
- Common Wainscot. *Leucania pallens* L. Common.
- Smoky Wainscot. *Leucania impura* Hb. Fairly common.

- Striped Wainscot. *Leucania pudorina* Schiff. Uncommon.  
 Streaked Wainscot. *Leucania comma* L. Common.  
 Clay Wainscot. *Leucania lithargyria* Esp. Common.  
 Orange Wainscot. *Leucania conigera* Schiff. Common.  
 Great Wainscot. *Mythimna turca* L. Uncommon.  
 Large Drab. *Meristis trigrammica* Hufn. Common.  
 The Anomalous. *Stilbia anomala* Haw. Uncommon.  
 Mottled Drab. *Caradrina morpheus* Hufn. Common.  
 Ochreous Drab. *Caradrina alsines* Brahm. Common.  
 Glossy Drab. *Caradrina blanda* Schiff. Common.  
 Coastal Drab. *Caradrina ambigua* Schiff. Local and uncommon.  
 Grass Drab. *Caradrina clavipalpis* Scop. Fairly common.  
 Migrant Drab. *Laphygma exigua* Hb. Rare.  
 Marsh Drab. *Hydrillula palustris* Hb. Local.  
 Chocolate Uppering. *Rusina umbratica* Goeze. Common. Var. *obsoletissima*. Rare.  
 Copper Hindwing. *Amphipyra pyramidea* L. Common.  
 Mousy Hindwing. *Amphipyra tragopoginis* Cl. Fairly common.  
 Pine Quaker. *Panolis flammea* Schiff. Local, but plentiful.  
 White-marked Quaker. *Gypsitea leucographa* Schiff. Uncommon.  
 Red Quaker. *Cerastis rubricosa* Schiff. Common.  
 Crescent Quaker. *Orthosia gothica* L. Common. Var. *gothicina*. Common.  
 Rosy Quaker. *Orthosia miniosa* Schiff. Common.  
 Small Quaker. *Orthosia cruda* Schiff. Common.  
 Common Quaker. *Orthosia stabilis* Schiff. Common.  
 Poplar Quaker. *Orthosia populeti* Fab. Uncommon.  
 Clouded Quaker. *Orthosia incerta* Hufn. Common and variable.  
 Twin-spotted Quaker. *Orthosia munda* Schiff. Common and variable.  
 Banded Quaker. *Orthosia advena* Schiff. Rare.  
 Powdered Quaker. *Orthosia gracilis* Schiff. Fairly common.  
 Lunar Elm. *Cosmia pyralina* Schiff. Rare.  
 Lesser Elm. *Cosmia affinis* L. Uncommon.  
 Spotted Elm. *Cosmia diffinis* L. Rare.  
 Cannibal Elm. *Cosmia trapezina* L. Common.  
 Sallow Kidney. *Zenobia retusa* L. Uncommon.  
 Poplar Kidney. *Zenobia subtusa* Schiff. Uncommon.  
 Brindled Orange. *Parastichtis suspecta* Hb. Uncommon.  
 Ash Orange. *Atethmia xerampelina* Esp. Rare.  
 Lunar Orange. *Omphaloscelis lunosa* Haw. Common.  
 Sooty Orange. *Agrochola lota* Cl. Common.  
 Straw Orange. *Agrochola macilenta* Hb. Common.  
 Brick Orange. *Agrochola circellaris* Hufn. Common.  
 Flounced Orange. *Agrochola helvola* L. Common.  
 Beaded Orange. *Agrochola lychnidis* Schiff. Common.  
 Brown-spot Orange. *Anchocelis litura* L. Common.  
 Linden Orange. *Tiliacea citrigo* L. Fairly common.  
 Maple Orange. *Tiliacea aurago* Schiff. Uncommon.  
 Red-headed Orange. *Citria lutea* Ström. Common.

- Yellow-headed Orange. *Cirrhia icteritia* Hufn. Common. Var. *flavescens*. Common.
- The Chestnut. *Conistra vaccinii* L. Common.
- Dark Chestnut. *Conistra ligula* Esp. Uncommon.
- Dotted Chestnut. *Dasyampa rubiginea* Schiff. Rare.
- Oak Chestnut. *Jodia croceago* Schiff. Uncommon.
- Satellite Chestnut. *Eupsilia transversa* Hufn. Common.
- Tawny Pinion. *Lithophane semibrunnea* Haw. Rare.
- Pale Pinion. *Lithophane socia* Hufn. Common.
- Silvery Pinion. *Graptolitha ornithopus* Hufn. Common.
- Early Grey. *Xylocampa areola* Esp. Common.
- The Sword-grass. *Xylena exoleta* L. Uncommon.
- Red Sword-grass. *Xylena vetusta* Hb. Uncommon.
- Mullein Shark. *Cucullia verbasci* L. Fairly common.
- Betony Shark. *Cucullia scrophulariæ* Schiff. Rare.
- Starwort Shark. *Cucullia asteris* Schiff. Uncommon.
- Sowthistle Shark. *Cucullia umbratica* L. Uncommon.
- Chamomile Shark. *Cucullia chamomillæ* Schiff. Uncommon.
- Goldenrod Shark. *Cucullia gnaphalii* Hb. Rare.
- Beautiful Yellowwing. *Anarta myrtili* L. Common.
- Small Yellowwing. *Panemeria tenebrata* Scop. Common.
- Orange Fulvous. *Pyrrhia umbra* Hufn. Uncommon.
- Marbled Fulvous. *Heliothis dipsacea* L. Rare.
- Bordered Fulvous. *Heliothis peltigera* Schiff. Uncommon.
- Plain Fulvous. *Heliothis armigera* Hb. Rare.
- Bordered Midget. *Jaspidia pygarga* Hufn. Fairly common.
- Hook-marked Midget. *Eustrotia uncula* Cl. Uncommon.
- Potentilla Midget. *Hepalotis venustula* Hb. Uncommon.
- Straw Midget. *Rivula sericealis* Scop. Common.
- Milkwort Midget. *Phytometra viridaria* Cl. Common.
- The Herald. *Scoliopteryx libatrix* L. Common.
- Monkshood Gem. *Polychrista moneta* Fab. Fairly common.
- Nettle Gem. *Plusia chrysitis* L. Common.
- Marsh Gem. *Plusia festucae* L. Uncommon.
- Plain Golden Y. *Plusia iota* L. Fairly common.
- Beautiful Golden Y. *Plusia pulchrina* Haw. Uncommon.
- Silver Y. *Plusia gamma* L. Common.
- Dark Spectacle. *Abrostola triplasia* L. Rare.
- The Spectacle. *Abrostola tripartita* Hufn. Uncommon.
- Mother Shipton. *Euclidimera ni* Cl. Common.
- Burnet Companion. *Ectypa glyphica* L. Common.
- Red Underwing. *Catocala nupta* L. Fairly common.
- Dark Crimson Underwing. *Catocala sponsa* L. Recently appeared in the district.
- The Blackneck. *Lygephila pastinum* Treit. Uncommon.
- The Fan-foot. *Zanclognatha tarsipennalis* Treit. Common.
- Small Fanfoot. *Zanclognatha grisealis* Schiff. Common.
- Woodland Fanfoot. *Herminia barbalis* Cl. Fairly common.
- Clay Fanfoot. *Paracolax derivalis* Hb. Rare.



- Lichen Hookwing. *Laspeyria flexula* Schiff. Uncommon.  
 Grey Snout. *Colobochyla salicalis* Schiff. Recorded by Barrett, but not found for many years.  
 Beautiful Snout. *Bomolocha fontis* Thunb. Fairly common.  
 The Snout. *Hypena proboscidalis* L. Common.  
 Buttoned Snout. *Hypena rostralis* L. Fairly common.  
 White-line Snout. *Schranckia taenialis* Hb. Uncommon.  
 Streaked Snout. *Schranckia costaestrigalis* Steph. Uncommon.  
 Least Snout. *Tholomiges turfosalis* Wocke. Local, but abundant.

### BREPHIDAE.

#### MONOCTENIIDAE.

- Birch Orangewing. *Brephos parthenias* L. Common.  
 Aspen Orangewing. *Brephos notha* Hb. Rare.

### GEOMETRIDAE.

#### HEMITHEINAE.

- Gorse Emerald. *Pseudoterpna pruinata* Hufn. Common.  
 Large Emerald. *Hipparchus papilionaria* L. Common.  
 Blotched Emerald. *Comibaena pustulata* Hufn. Uncommon.  
 Least Emerald. *Jodis lactearia* L. Common.  
 Common Emerald. *Hemithea aestivaria* Hb. Common.

#### STERRHINAE.

- Purple Wavelet. *Sterrha muricata* Hufn. Rare.  
 Dusty Wavelet. *Sterrha seriata* Schr. Fairly common.  
 Dotted Wavelet. *Sterrha sylvestraria* Hb. Fairly common.  
 Buff Wavelet. *Sterrha fuscovenosa* Goeze. Fairly common.  
 Satin Wavelet. *Sterrha subsericeata* Haw. Fairly common.  
 Plain Wavelet. *Sterrha inornata* Haw. Fairly common.  
 Scalloped Wavelet. *Sterrha emarginata* L. Fairly common.  
 Riband Wavelet. *Sterrha aversata* L. Fairly common.  
 Fanfooted Wavelet. *Sterrha biselata* Hufn. Fairly common.  
 Single-spotted Wavelet. *Sterrha dimidiata* Hufn. Fairly common.  
 Treble-spotted Wavelet. *Sterrha trigeminata* Haw. Fairly common.  
 Chalk Wave. *Scopula ornata* Scop. Uncommon.  
 Cream Wave. *Scopula floslactata* Haw. Common.  
 Coastal Wave. *Scopula marginepunctata* Goeze. Uncommon.  
 Lesser Cream Wave. *Scopula immutata* L. Fairly common.  
 Reddish Wave. *Scopula imitaria* Hb. Common.  
 Smoky Wave. *Scopula ternata* Schr. Uncommon.  
 Blood Vein. *Calothysanis amata* L. Fairly common.  
 Plain Mocha. *Cosymbia porata* L. Fairly common.  
 Rosy Mocha. *Cosymbia punctaria* L. Fairly common.  
 Beech Mocha. *Cosymbia linearia* Hb. Fairly common.  
 Maple Mocha. *Cosymbia annulata* Schulze. Uncommon.  
 Dingy Mocha. *Cosymbia pendularia* Cl. Uncommon.  
 Birch Mocha. *Cosymbia albipunctata* Hufn. Fairly common.

## LARENTIINAE.

- Drab Looper. *Minoa murinata* Scop. Uncommon.  
 Chimney Sweeper. *Odezia atrata* L. Uncommon.  
 Lead Belle. *Ortholitha mucronata* Scop. Uncommon.  
 Chalk Belle. *Ortholitha bipunctaria* Schiff. Rare.  
 Mallow Belle. *Larentia clavaria* Haw. Uncommon.  
 Shaded Belle. *Ortholitha chenopodiata* L. Common.  
 Large Silver. *Anartia plagiata* L. Common.  
 Streaked Silver. *Chesias legatella* Schiff. Common.  
 Crescent Silver. *Chesias rufata* Fab. Fairly common.  
 Pale Seraph. *Nothopteryx carpinata* Borkh. Common.  
 Yellow Seraph. *Acasis viretata* Hb. Fairly common.  
 Aspen Seraph. *Lobophora halterata* Hufn. Rare.  
 Sallow Seraph. *Mysticoptera sexalata* Retz. Uncommon.  
 Glossy Scallop. *Triphosa dubitata* L. Uncommon.  
 Barberry Scallop. *Calocalpe cervinalis* Scop. Uncommon.  
 Waved Scallop. *Calocalpe undulata* L. Uncommon.  
 Dark Scallop. *Philereme transversata* Hufn. Uncommon.  
 Argent and Sable. *Eulype hastata* L. Uncommon.  
 Willowherb Chevron. *Ecliptoptera siluceata* Schiff. Common.  
 Dark Chevron. *Lygris prunata* L. Fairly common.  
 Pale Chevron. *Lygris testata* L. Fairly common.  
 Currant Chevron. *Lygris mellinata* Fab. Common.  
 Straw Chevron. *Lygris pyraliata* Schiff. Fairly common.  
 Rose Chevron. *Cidaria fulvata* Forst. Common.  
 Mottled Chevron. *Electrophaes corylata* Thunb. Common.  
 Marbled Chevron. *Dysstroma truncatu* Hufn. Common.  
 Varied Chevron. *Dysstroma citrata* L. Common.  
 Early Chevron. *Lampropteryx suffumata* Schiff. Fairly common.  
 Barred Chevron. *Lyncometra ocellata* L. Common.  
 Red-green Chevron. *Chloroclysta siterata* Hufn. Common.  
 Green Chevron. *Chloroclysta miata* L. Common.  
 Waxed Chevron. *Plemyria bicolorata* Hufn. Uncommon.  
 Pine Conifer. *Thera obeliscata* Hb. Common.  
 Reddish Conifer. *Thera firmata* Hb. Local, but fairly plentiful.  
 Dusky-ground Carpet. *Xanthorhœ quadrifasciata* Cl. Uncommon.  
 Dark-barred Carpet. *Xanthorhœ ferrugata* Cl. Common.  
 Flame Carpet. *Xanthorhœ designata* Hufn. Common.  
 Silver-ground Carpet. *Xanthorhœ montanata* Schiff. Common.  
 Garden Carpet. *Xanthorhœ fluctuata* L. Common.  
 Pale Bedstraw Carpet. *Epirrhoe rivata* Hb. Uncommon.  
 Dark Bedstraw Carpet. *Epirrhoe alternata* Müll. Common.  
 Olive Carpet. *Colostygia olivata* Schiff. Fairly common.  
 Early Carpet. *Colostygia multistrigaria* Haw. Common.  
 Twin-spot Carpet. *Colostygia didymata* L. Fairly common.  
 Sharp-angled Carpet. *Euphylla unangulata* Haw. Common.  
 Cloaked Carpet. *Euphylla picata* Hb. Uncommon.  
 Mantled Carpet. *Euphylla culculata* Hufn. Rare.  
 Flame Carpet. *Euphylla rubidata* Schiff. Common.

- Yellow Shell. *Euphyia bilineata* L. Common.
- Beautiful Carpet. *Mesoleuca albicillata* L. Fairly common.
- Clematis Carpet. *Melunthia procellata* Schiff. Uncommon.
- Shoulder Stripe. *Earophila badiata* Schiff. Common.
- Streamer Carpet. *Coenoteophria derivata* Schiff. Common.
- Campion Rivulet. *Perizoma affinitata* Steph. Uncommon.
- Hempnettle Rivulet. *Perizoma alchemillata* L. Fairly common.
- Sandy Rivulet. *Perizoma flavofasciata* Thunb. Fairly common.
- Yellow-rattle Rivulet. *Perizoma albulata* Schiff. Common.
- July Highflyer. *Hydriomena furcata* Thunb. Common.
- May Highflyer. *Hydriomena coerulea* Fab. Fairly common.
- Ruddy Highflyer. *Hydriomena ruberata* Freyer. Fairly common.
- Dingy Ripple. *Euchoeca nebulata* Scop. Common.
- White Ripple. *Asthena albulata* Hufn. Common.
- Yellow Ripple. *Hydrelia flammeolaria* Hufn. Common.
- Waved Ripple. *Hydrelia testacea* Don. Fairly common.
- Winter Moth. *Operophtera brumata* L. Common.
- Pale Winter Moth. *Operophtera fagata* Scharf. Fairly common.
- November Moth. *Oporinia dilutata* Schiff. Common.
- Limespeck Pug. *Eupithecia centaureata* Schiff. Common.
- Foxglove Pug. *Eupithecia pulchellata* Steph. Common.
- Toadflax Pug. *Eupithecia linariata* Schiff. Fairly common.
- Marbled Pug. *Eupithecia irriguata* Hb. Uncommon.
- Spruce Pug. *Eupithecia tantillaria* Boisd. Fairly common.
- Pine Pug. *Eupithecia indigata* Hb. Fairly common.
- Netted Pug. *Eupithecia venosata* Fab. Uncommon.
- Bleached Pug. *Eupithecia expallidata* Doubl. Recorded by Barrett.
- Currant Pug. *Eupithecia assimilata* Doubl. Fairly common.
- Wormwood Pug. *Eupithecia absinthiata* Cl. Rare.
- Ling Pug. *Eupithecia goossensata* Mab. Fairly common.
- Angelica Pug. *Eupithecia tripunctaria* H.-S. Uncommon.
- Common Pug. *Eupithecia vulgata* Haw. Common.
- Golden-rod Pug. *Eupithecia virgaureata* Doubl. Uncommon.
- Parsnip Pug. *Eupithecia trisignaria* H.-S. Uncommon.
- Larch Pug. *Eupithecia lariciata* Freyer. Fairly common.
- Grey Pug. *Eupithecia castigata* Hb. Common.
- Goosefoot Pug. *Eupithecia subnotata* Hb. Rare.
- Bordered Pug. *Eupithecia succenturiata* L. Fairly common.
- Tawny Pug. *Eupithecia subfulvata* Haw. Fairly common.
- Clematis Pug. *Eupithecia havorthiata* Doubl. Uncommon.
- Cowwheat Pug. *Eupithecia plumbeolata* Haw. Fairly common.
- Sallow Pug. *Eupithecia tenuiata* Hb. Uncommon.
- Ash Pug. *Eupithecia fraxinata* Crewe. Uncommon.
- Narrowwinged Pug. *Eupithecia nanata* Hb. Common.
- Large Oak Pug. *Eupithecia abbreviata* Steph. Common.
- Hawthorn Pug. *Eupithecia exiguata* Hb. Uncommon.
- Juniper Pug. *Eupithecia sobrinata* Hb. Uncommon.
- Large Pug. *Eupithecia pini* Retz. Uncommon.
- Garden Pug. *Gymnoscelis pumilata* Hb. Common.

- V Pug. *Chloroclystis coronata* Hb. Fairly common.  
 Bilberry Pug. *Chloroclystis debiliata* Hb. Rare.  
 Apple Pug. *Chloroclystis rectangulata* L. Common.  
 Barred Slender. *Horisme vitalbata* Schiff. Uncommon.  
 Waved Slender. *Horisme tersata* Schiff. Rare.  
 Marsh Slender. *Orthonama lignata* Hb. Uncommon.  
 Migrant Dusky. *Nycterosea obstipata* Fab. Uncommon.

## GEOMETRINAE.

- Clouded Magpie. *Abraxas sylvata* Scop. Uncommon.  
 Magpie Moth. *Abraxas grossulariata* L. Common.  
 Bordered Chalk. *Lomaspilis marginata* L. Common.  
 Scorched Carpet. *Ligdia adustata* Schiff. Fairly common.  
 Spotted Chalk. *Bapta bimaculata* Fab. Uncommon.  
 Clouded Chalk. *Bapta temerata* Schiff. Common.  
 Lined Chalk. *Cabera pusaria* L. Common.  
 Dusty Chalk. *Cabera exanthemata* Scop. Common.  
 Scorched Wing. *Plagodia dolabraria* L. Common.  
 Barred Scorch. *Anagoga pulveraria* L. Uncommon.  
 Red Barred. *Ellopija fasciaria* Schiff. Fairly common. Green var. bred.  
 Emerald Barred. *Campaea margaritata* L. Common.  
 Large Thorn. *Ennomos autumnaria* Wernb. Common.  
 Canary-shouldered Thorn. *Deuteronomos alniaria* L. Common. Var. with confluent purple-grey lines taken.  
 Dusky Thorn. *Deuteronomos fuscantaria* Haw. Rare  
 September Thorn. *Deuteronomos erosaria* Schiff. Uncommon.  
 Early Thorn. *Selenia bilunaria* Esp. Common.  
 Lunar Thorn. *Selenia lunaria* Schiff. Uncommon.  
 Purple Thorn. *Selenia tetralunaria* Hufn. Common.  
 Lilac Thorn. *Apeira syringaria* L. Uncommon.  
 Scalloped Thorn. *Gonodontis bidentata* Cl. Common.  
 Feathered Thorn. *Colotois pennaria* L. Common.  
 Yellow Thorn. *Crocallis elinguaris* L. Common.  
 Orange Speckle. *Angerona prunaria* L. Uncommon.  
 Swallowtailed Moth. *Ourapteryx sambucaria* L. Common. Var. with lines forming an upright V taken.  
 Brimstone Moth. *Opisthograptis luteolata* L. Common.  
 Orange Thornlet. *Epione repandaria* Hufn. Uncommon.  
 Brown Thornlet. *Cepphis advenaria* Hb. Local, but plentiful. Dark unicolorous varieties bred.  
 Speckled Thornlet. *Pseudopanthera macularia* L. Common.  
 Common Bracken. *Lithina chlorosata* Scop. Common.  
 Birch Zephyr. *Semiothisa notata* L. Rare.  
 Pine Zephyr. *Semiothisa liturata* Cl. Fairly common.  
 Currant Zephyr. *Itama wauaria* L. Common.  
 Latticed Heath. *Chiasmia clathrata* L. Common.  
 Early Umber. *Theria rupicapraris* Schiff. Common.  
 Spring Umber. *Erannis leucophaearia* Schiff. Common.

- Orange Umber. *Erannis aurantiaria* Hb. Common.  
 Dotted Umber. *Erannis marginaria* Fab. Common.  
 Mottled Umber. *Erannis defoliaria* Cl. Common.  
 March Moth. *Alsophila aescularia* Schiff. Common.  
 Pale Brindled Beauty. *Phigalia pedaria* Fab. Common.  
 Small Brindled Beauty. *Apocheima hispidaria* Schiff. Fairly common.  
 Brindled Beauty. *Lycia hirtaria* Cl. Fairly common.  
 Oak Beauty. *Biston strataria* Hufn. Common.  
 Peppared Beauty. *Biston betularia* L. Common. Var. *doubledayaria*,  
 fairly common.  
 Waved Bark. *Hemerophila abruptaria* Thunb. Common.  
 Satin Bark. *Deileptenia ribeata* Cl. Uncommon.  
 Garden Bark. *Alcis rhomboidaria* Schiff. Common.  
 Mottled Bark. *Alcis repandata* L. Common, with a wide range of  
 varieties.  
 Dotted Bark. *Alcis jubata* Thunb. Recorded by Barrett.  
 Lichen Bark. *Cleorodes lichenaria* Hufn. Rare.  
 Great Bark. *Boarmia roboraria* Schiff. Fairly common.  
 Pale Bark. *Boarmia punctinalis* Scop. Fairly common.  
 Early Engrailed Bark. *Ectropis bistortata* Goeze. Common.  
 Pale Engrailed Bark. *Ectropis crepuscularia* Hb. Common.  
 Whitespot Bark. *Ectropis extersaria* Hb. Uncommon.  
 Squarespot Bark. *Ectropis consonaria* Hb. Common.  
 Birch Bark. *Aethalura punctulata* Schiff. Common.  
 Oval Wing. *Pachygnemina hippocastanaria* Hb. Common.  
 The Annulet. *Gnophos obscurata* Schiff. Uncommon.  
 Heath Annulet. *Dyscia jagaria* Thunb. Common.  
 Heath Feathered. *Ematurga atomaria* L. Common.  
 Pine Feathered. *Bupalus piniaria* L. Common.  
 Grey Feathered. *Selidosema plumaria* Schiff. Uncommon.  
 Yellow Pallid. *Aspitates ochrearia* Rossi. Uncommon.  
 Gorse Pallid. *Perconia strigillaria* Hb. Common.

#### ZYGAENIDAE.

- Southern Burnet. *Zygaena trifolii* Esp. Common, including confluent  
 forms.  
 Six-spot Burnet. *Zygaena filipendulae* L. Common.  
 Forester. *Procris statices* L. Very local, but plentiful where it  
 occurs.

#### LIMACODIDAE.

#### HETEROGENEIDAE.

- Festoon. *Apoda evellana* L. Uncommon.

#### COSSIDAE.

- Goat Moth. *Cossus cossus* L. Uncommon.  
 Leopard Moth. *Zeuzera pyrina* L. Uncommon.

**SESIIDAE.**

- Lunar Hornet Moth. *Sphacia bembeciformis* Hb. Uncommon.  
 White Barred Clearwing: *Aegea sphaciformis* Borkh. Found where alders occur.  
 Currant Clearwing. *Aegea tipuliformis* Cl. Seldom seen, but probably common.  
 Oak Clearwing. *Aegea vespiformis* L. Seldom seen, but probably common.  
 Apple Clearwing. *Aegea myopaeformis* Borkh. Probably commoner than supposed.  
 Bride Clearwing. *Aegea culciformis* L. Fairly common.

**HEPIALIDAE.**

- Ghost Swift. *Hepialus humuli* L. Common.  
 Orange Swift. *Hepialus sylvina* L. Fairly common.  
 Map-winged Swift. *Hepialus fusconebulosa* Deg. Fairly common.  
 Common Swift. *Hepialus lupulina* L. Common.  
 Gold Swift. *Hepialus hecta* L. Fairly common.

**PYRALIDINA.****PHYCITIDAE.**

- |   |                                    |
|---|------------------------------------|
| <i>Salebria betulae</i> Göze                                | <i>Ephestia kuehniella</i> Zell.   |
| <i>Salebria palumbella</i> Fabr.                            | <i>Homoeosoma sinuella</i> Fabr.   |
| <i>Salebria fusca</i> Haw. ( <i>rhenella</i> )              | <i>Myelois cribella</i> Hübn.      |
| <i>Hypochalcia ahenella</i> Hübn.                           | <i>Myelois neophanes</i> Durr.     |
| <i>Diorctria abietella</i> Fabr.                            | <i>Eurhodope advenella</i> Zinck.  |
| <i>Phycita spissicella</i> Fabr. ( <i>roborella</i> Zinck.) | <i>Eurhodope suavella</i> Zinck.   |
| <i>Nephopteryx similella</i> Zinck.                         | <i>Cryptoblabes bistriga</i> Haw.  |
| <i>Plodia interpunctella</i> Hübn.                          | <i>Acrobasis consociella</i> Hübn. |
| <i>Ephestia elutella</i> Hübn.                              | <i>Acrobasis tumidella</i> Zinck.  |

**GALLERIADAE.**

- |  |   |
|--|---|
| <i>Meliphora grisella</i> Fabr. ( <i>alvearia</i> Fabr.) | <i>Aphomia sociella</i> L. ( <i>colonella</i> L.) |
|  | <i>Galleria mellonella</i> L.                     |

**CRAMBIDAE.**

- |                                    |                                      |
|------------------------------------|--------------------------------------|
| <i>Crambus hamellus</i> Thunb.     | <i>Crambus falsellus</i> Schiff.     |
| <i>Crambus uliginosellus</i> Zell. | <i>Crambus pinetellus</i> L.         |
| <i>Crambus pascuellus</i> L.       | <i>Crambus latistrius</i> Haw.       |
| <i>Crambus silvellus</i> Hübn.     | <i>Crambus perllellus</i> Scop.      |
| <i>Crambus dumetellus</i> Hübn.    | <i>Crambus inquinatellus</i> Schiff. |
| <i>Crambus pratellus</i> L.        | <i>Crambus geniculeus</i> Haw.       |
| <i>Crambus culmellus</i> L.        | <i>Crambus tristellus</i> Fabr.      |
| <i>Crambus hortuellus</i> Hübn.    | <i>Crambus selasellus</i> Hübn.      |

## PYRAUSTIDAE.

- |  |   |
|--|---|
| <i>Acentropus niveus</i> Olivier                                 | <i>Pyrausta olivalis</i> Schiff.                                      |
| <i>Schoenobius forficellus</i> Thunb.                            | <i>Pyrausta stachydalis</i> Zinck.                                    |
| <i>Donacaula mucronella</i> Schiff.                              | <i>Pyrausta verbascalis</i> Schiff.                                   |
| <i>Nymphula stagnata</i> Don.                                    | <i>Pyrausta asinalis</i> Hübn.  |
| <i>Nymphula stratiotata</i> L.                                   | <i>Microstega pandalis</i> Hübn.                                      |
| <i>Hydrocampa nymphaeata</i> L.                                  | <i>Loxostege verticalis</i> L. ( <i>cinetalis</i><br>Treits.)         |
| <i>Diasemia ramburialis</i> Dup.                                 | <i>Loxostege palealis</i> Schiff.                                     |
| <i>Margaronia unionalis</i> Hübn.                                | <i>Scoparia resinosa</i> Haw.   |
| <i>Notarcha ruralis</i> Scop.                                    | <i>Scoparia angustea</i> Steph.                                       |
| <i>Eurrhyncha urticata</i> L.                                    | <i>Scoparia frequentella</i> Staint.<br>( <i>phaeoleuca</i> Staint.)  |
| <i>Perinephela lancealis</i> Schiff.                             | <i>Scoparia truncicolella</i> Staint.<br>( <i>mercurella</i> Zell.)   |
| <i>Phlyctaenia crocealis</i> Hübn.                               | <i>Scoparia pallida</i> Steph.  |
| <i>Phlyctaenia lutealis</i> Hübn.                                | <i>Scoparia dubitalis</i> Hübn. ( <i>Pyra-</i><br><i>lella</i> Hübn.) |
| <i>Phlyctaenia ferrugalis</i> Hübn.                              | <i>Scoparia basistrigalis</i> Knaggs                                  |
| <i>Phlyctaenia prunalis</i> Schiff.                              | <i>Scoparia ambigualis</i> Treits.<br>( <i>atomalis</i> Doubl.)       |
| <i>Phlyctaenia fuscalis</i> Schiff.                              | <i>Evergestis straminealis</i> Hübn.<br>( <i>stramentalis</i> Hübn.)  |
| <i>Phlyctaenia sambucalis</i> Schiff.                            | <i>Mesographa forficalis</i> L.                                       |
| <i>Nomophila noctuella</i> Schiff.<br>( <i>hybridalis</i> Hübn.) |   |
| <i>Pyrausta octomaculata</i> Fabr.                               |   |
| <i>Pyrausta purpuralis</i> L.                                    |   |
| <i>Pyrausta ostrinalis</i> Hübn.                                 |   |
| <i>Pyrausta cespitalis</i> Schiff.                               |   |

## PYRALIDAE.

- |                                      |                                   |
|--------------------------------------|-----------------------------------|
| <i>Endotricha flammealis</i> Schiff. | <i>Pyralis furinalis</i> L.       |
| <i>Pyralis glaucinalis</i> L.        | <i>Aglossa pinguinalis</i> L.     |
| <i>Pyralis costalis</i> Fabr.        | <i>Synaphe angustalis</i> Schiff. |

## PTEROPHORIDAE.

- |   |  |
|---|--|
| <i>Trichoptilus paludum</i> Zell.                                     | <i>Pterophoms tephrodactylus</i> Hübn.                               |
| <i>Platyptilia cosmodactyla</i> Hübn.<br>( <i>punctidactyla</i> Haw.) | <i>Pterophoms lithodactylus</i> Treits.                              |
| <i>Platyptilia acanthodactyla</i> Hübn.                               | <i>Pterophoms monodactylus</i> L.<br>( <i>pterodactyla</i> Hübn.)    |
| <i>Platyptilia ochrodactyla</i> Hübn.                                 | <i>Stenoptilia pterodactyla</i> Hübn.<br>( <i>fuscodactyla</i> Haw.) |
| <i>Platyptilia pallidactyla</i> Haw.<br>( <i>bertrami</i> Rössl.)     | <i>Stenoptilia zophodactyla</i> Dup.<br>( <i>laewi</i> Zell.)        |
| <i>Alucita pentadactyla</i> L.  |  |
| <i>Alucita galactodactyla</i> Hübn.                                   |  |

## PSYCHIDAE.

- Fumea casta* Pall. (*nitidella* Hübn.) (*intermediella* Bruand)

## PHALONIADAE.

- |                                     |                                      |
|-------------------------------------|--------------------------------------|
| <i>Phalonia zephyrana</i> Treits.   | <i>Phalonia pallidana</i> Zell.      |
| <i>Phalonia enicana</i> Doubl.      | <i>Phalonia curvistrigana</i> Wilk.  |
| <i>Phalonia tesserana</i> Treits.   | <i>Chlidonia baumanniana</i> Schiff. |
| <i>Phalonia manniana</i> F.R.       | <i>Chlidonia ambiguella</i> Hübn.    |
| <i>Phalonia rupicola</i> Curt.      | <i>Phtheochroa maculosana</i> Haw.   |
| <i>Phalonia subroseana</i> Haw.     | <i>Euxanthis angustana</i> Hübn.     |
| <i>Phalonia implicitana</i> Wocke   | <i>Euxanthis aeneana</i> Hübn.       |
| <i>Phalonia ciliella</i> Hübn.      | <i>Euxanthis zoegana</i> L.          |
| <i>Phalonia nana</i> Haw.           | <i>Euxanthis hamana</i> L.           |
| <i>Phalonia atricapitana</i> Steph. | <i>Hysteriosa inopiana</i> Haw.      |

## TORTRICIDAE.

- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| <i>Batodes angustiorana</i> Haw.     | <i>Cnephasia osseana</i> Scop.       |
| <i>Capua favillaceana</i> Hübn.      | <i>Cnephasia virgaureana</i> Treits. |
| <i>Cacoecia grotiana</i> Fabr.       | <i>Cnephasia chrysanthemana</i> Dup. |
| <i>Cacoecia piceana</i> L.           | <i>Cnephasia incertana</i> Treits.   |
| <i>Cacoecia podana</i> Scop.         | <i>Cnephasia nubilana</i> Hübn.      |
| <i>Cacoecia crataegana</i> Hübn.     | <i>Olindia ulmana</i> Hübn.          |
| <i>Cacoecia xylosteana</i> L.        | <i>Argyrotoxa forskaleana</i> L.     |
| <i>Cacoecia rosana</i> L.            | <i>Argyrotoxa bergmanniana</i> L.    |
| <i>Cacoecia sorbiana</i> Hübn.       | <i>Argyrotoxa conwayana</i> Fabr.    |
| <i>Cacoecia lecheana</i> L.          | <i>Spatalistis bifasciana</i> Hübn.  |
| <i>Pandemis corylana</i> Fabr.       | <i>Peronea holmiana</i> L.           |
| <i>Pandemis cinnamomeana</i> Treits. | <i>Peronea caudana</i> Fabr.         |
| <i>Pandemis leparana</i> Schiff.     | <i>Peronea contaminana</i> Hübn.     |
| <i>Pandemis ribeana</i> Hübn.        | <i>Peronea aspersana</i> Hübn.       |
| <i>Tortrix loeflingiana</i> L.       | <i>Peronea ferrugana</i> Schiff.     |
| <i>Tortrix viridana</i> L.           | <i>Peronea schalleriana</i> L.       |
| <i>Tortrix viburniana</i> Fabr.      | <i>Peronea logiana</i> L.            |
| <i>Tortrix forsterana</i> Fabr.      | <i>Peronea variegana</i> Schiff.     |
| <i>Tortrix unifasciana</i> Dup.      | <i>Peronea sparsana</i> Schiff.      |
| <i>Tortrix musculana</i> Hübn.       | <i>Peronea mixtana</i> Hübn.         |
| <i>Eulia ministrana</i> L.           | <i>Peronea cristana</i> Fabr.        |
| <i>Eulia politana</i> Haw.           | <i>Peronea hastiana</i> L.           |
| <i>Tortricodes tortricella</i> Hübn. | <i>Peronea literana</i> L.           |

## EUCOSMIDAE.

- |                                    |  |
|------------------------------------|--|
| <i>Spilonota ocellana</i> Fabr.    | <i>Ancyliis siculana</i> Hübn.           |
| <i>Acroclita naevana</i> Hübn.     | <i>Ancyliis unguicella</i> L.            |
| <i>Evetria pinicolana</i> Doubl.   | <i>Ancyliis uncana</i> Hübn.             |
| <i>Evetria buoliana</i> Schiff.    | <i>Ancyliis diminutana</i> Haw.          |
| <i>Evetria pinivorana</i> Zell.    | <i>Ancyliis mitterbacheriana</i> Schiff. |
| <i>Evetria turionana</i> Hübn.     | <i>Ancyliis upupana</i> Treits.          |
| <i>Evetria purdeji</i> Durr.       | <i>Ancyliis laetana</i> Fabr.            |
| <i>Ancyliis derasana</i> Hübn.     | ( <i>ramana</i> Fröl.)                   |
| <i>Ancyliis lundana</i> Fabr.      | <i>Ancyliis achatana</i> Fabr.           |
| <i>Ancyliis myrtiliana</i> Treits. | <i>Gypsonoma minutana</i> Hübn.          |



- Gypsonoma dealbata* Fröl.  
*Notocelia uddmanniana* L.  
*Notocelia rosaecolana* Doubl.  
*Notocelia trimaculana* Haw.  
 (suffusana Zell.)  
*Notocelia roborana* Treits.  
*Notocelia tetragonana* Steph.  
*Eucosma albersana* Hübn.  
*Eucosma cruciana* L.  
 (angustana Hübn.)  
*Eucosma rubiginosana* H.-S.  
*Eucosma quadrana* Hübn.  
*Eucosma diniana* Guen.  
 (pinicolana Zell.)  
*Eucosma vacciniana* Zell.  
*Eucosma ratzeburgiana* Saxesen  
*Eucosma corticana* Hübn.  
*Eucosma signatana* Dougl.  
*Eucosma nanana* Treits.  
*Eucosma pygmaeana* Hübn.  
*Eucosma nigromaculana* Haw.  
*Eucosma cana* Haw.  
*Eucosma scopoliana* Haw.  
*Eucosma caecimaculana* Hübn.  
*Eucosma brunnichiana* Fröl.  
*Eucosma pflugiana* Haw.  
 (scutulana Wilk.)  
*Eucosma trigeminana* Steph.  
*Eucosma tripunctana* Fabr.  
*Eucosma penkleriana* F.R.  
*Eucosma ramella* L.  
 (paykulliana Wilk.)  
*Eucosma bilunana* Haw.  
*Eucosma nisella* Clerck  
*Eucosma demarniana* F.R.  
*Eucosma tetraquetra* Haw.  
*Eucosma immundana* F.R.  
*Eucosma similana* Hübn.  
 (bimaculana Don.)  
*Eucosma ophthalmicana* Hübn.  
*Eucosma solandriana* L.  
*Eucosma semifuscana* Steph.  
 (piceana Wilk.)  
*Eucosma sordidana* Hübn.  
 (stabilana Steph.)  
*Lathronympha hypericana* Hübn.  
*Bactra lanceolana* Hübn.  
*Polychrosis littoralis* Curt.  
*Polychrosis fuligana* Haw.
- Lobesia permixtana* Hübn.  
*Endothenia oblongana* Haw.  
 (similana Wilk.)  
*Endothenia sellana* Hübn.  
*Endothenia nigrocostana* Haw.  
*Endothenia carbonana* Doubl.  
*Endothenia ericetana* Westw.  
*Endothenia antiquana* Hübn.  
*Argyroploce semifasciana* Haw.  
*Argyroploce corticana* Hübn.  
 (picana Fröl.)  
*Argyroploce betuletana* Haw.  
*Argyroploce capreana* Hübn.  
*Argyroploce sororculana* Zett.  
 (praelongana Guen.)  
*Argyroploce variegana* Hübn.  
 (cynosatella Wilk.)  
*Argyroploce ochroleucana* Hübn.  
*Argyroploce pruniana* Hübn.  
*Argyroploce sauciana* Hübn.  
*Argyroploce purpurana* Haw.  
*Argyroploce striana* Schiff.  
*Argyroploce arcuella* Clerck  
*Argyroploce rivulana* Scop.  
 (conchana Hübn.)  
*Argyroploce micana* Fröl.  
 (olivana Treits.)  
*Argyroploce lacunana* Dup.  
*Argyroploce urticana* Hübn.  
*Argyroploce bifasciana* Haw.  
*Argyroploce branderiana* L.  
*Argyroploce profundana* Fabr.  
*Hemimene petiverella* L.  
*Hemimene alpinana* Treits.  
*Hemimene sequana* Hübn.  
*Hemimene plumbagana* Treits.  
*Hemimene simpliciana* Haw.  
*Hemimene acuminatana* Zell.  
*Hemimene consortana* Wilk.  
*Pammene nitidana* Fabr.  
 (redimitana Guen.)  
*Pammene germanana* Hübn.  
 (puncticostana Wilk.)  
*Pammene splendidulana* Guen.  
*Pammene fimbriana* Haw.  
*Pammene argyrana* Hübn.  
*Pammene gallicolana* Zell.  
 (obscurana Wilk.)  
*Pammene juliana* Curt.

- |  |   |
|--|---|
| <i>Pammene rhediella</i> Clerck                            | <i>Laspeyresia splendana</i> Hübn.                            |
| <i>Pammene spiniana</i> Dup.                               | <i>Laspeyresia grossana</i> Haw.                              |
| <i>Pammene populana</i> Fabr.<br>( <i>ephiphana</i> Hübn.) | <i>Laspeyresia ulicetana</i> Haw.                             |
| <i>Pammene regiana</i> Zell.                               | <i>Laspeyresia servillana</i> Dup.                            |
| <i>Laspeyresia roseticolana</i> Zell.                      | <i>Laspeyresia perlepidana</i> Haw.                           |
| <i>Laspeyresia woerberiana</i> Schiff.                     | <i>Laspeyresia compositella</i> Fabr.                         |
| <i>Laspeyresia rufillana</i> Wilk.                         | <i>Laspeyresia nigricana</i> Steph.<br>( <i>pisana</i> Guen.) |
| <i>Laspeyresia aurana</i> Fabr.<br>( <i>mediana</i> Fabr.) | <i>Laspeyresia coniferana</i> Ratz.                           |

## TINAEINA.

## GELECHIIDAE.

- |  |   |
|--|---|
| <i>Metzneria lappella</i> L.                                     | <i>Gelechia senectella</i> Zell.<br>( <i>obscura</i> Hein.)         |
| <i>Metzneria metzneriella</i> Staint.                            | <i>Gelechia desertella</i> Dougl.                                   |
| <i>Aristotelia bifractella</i> Dougl.                            | <i>Gelechia terrella</i> Hübn.                                      |
| <i>Aristotelia inopella</i> Zell.<br>( <i>paupella</i> Zell.)    | <i>Gelechia diffinis</i> Haw.                                       |
| <i>Aristotelia atrella</i> Haw.                                  | <i>Gelechia ericetella</i> Hübn.                                    |
| <i>Aristotelia tenebrella</i> Hübn.                              | <i>Gelechia rhombella</i> Schiff.                                   |
| <i>Aristotelia ericinella</i> Dup.                               | <i>Gelechia sororculella</i> Hübn.                                  |
| <i>Aristotelia stipella</i> Hübn.<br>( <i>naeviferella</i> Dup.) | <i>Gelechia lentiginosella</i> Zell.                                |
| <i>Stenolechia gemmella</i> L.                                   | <i>Phthorimaea costella</i> Westw.                                  |
| <i>Parachronistes albiceps</i> Zell.                             | <i>Phthorimaea acuminatella</i> Sirc.                               |
| <i>Epithectis mouffetella</i> Schiff.                            | <i>Phthorimaea hübnéri</i> Haw.                                     |
| <i>Telphusa scalella</i> Scop. ( <i>aleella</i><br>Fabr.)        | <i>Phthorimaea knaggsiella</i> Staint.                              |
| <i>Telphusa notatella</i> Hübn.                                  | <i>Phthorimaea maculea</i> Haw.                                     |
| <i>Telphusa humeralis</i> Zell.<br>( <i>lyellella</i> Westw.)    | <i>Phthorimaea tricorella</i> Haw.                                  |
| <i>Telphusa triparella</i> Zell.                                 | <i>Sophronia semicostella</i> Hübn.<br>( <i>parenthesella</i> Haw.) |
| <i>Telphusa scriptella</i> Hübn.                                 | <i>Stomopteryx vorticella</i> Scop.                                 |
| <i>Gelechia basaltinella</i> Zell.                               | <i>Anacampsis populella</i> Clerck                                  |
| <i>Gelechia domestica</i> Haw.                                   | <i>Acompsia cinerella</i> Clerck                                    |
| <i>Gelechia umbrosella</i> Zell.                                 | <i>Anarsia spartiella</i> Schrank                                   |
| <i>Gelechia similis</i> Staint.                                  | <i>Chelaria gibbosella</i> Zell.                                    |
|  | <i>Dichomeris fasciella</i> Hübn.                                   |
|  | <i>Brachmia gerronella</i> Zell.                                    |

## COSMOPTERYGIDAE.

- |   |                                     |
|---|-------------------------------------|
| <i>Chrysoclista rhamniella</i> Zell.                                | <i>Mompha raschkiella</i> Zell.     |
| <i>Chrysoclista atra</i> Haw. ( <i>heller-</i><br><i>ella</i> Dup.) | <i>Mompha lacteella</i> Steph.      |
| <i>Chrysoclista aurifrontella</i> Hübn.                             | <i>Mompha decorella</i> Steph.      |
| <i>Mompha schrankella</i> Hübn.                                     | <i>Mompha subbistrigella</i> Haw.   |
|   | <i>Batrachedra pinicolella</i> Dup. |

## OECOPHORIDAE.

- |   |  |
|---|--|
| <i>Oecophora geoffrella</i> L.  | <i>Depressaria albipunctella</i> Hübn.   |
| <i>Dasyccera sulphurella</i> Fabr.  | <i>Depressaria ultimella</i> Staint.     |
| <i>Schiffermuelleria tripuncta</i> Haw.                                   | <i>Depressaria costosa</i> Haw.          |
| ( <i>tresignella</i> Zell.)   | <i>Depressaria umbellana</i> Steph.      |
| <i>Endrosis lactella</i> Schiff. ( <i>fenestrella</i> Staint., non scop.) | <i>Depressaria liturella</i> Schiff.     |
| <i>Amphisbatis incongruella</i> Staint.                                   | <i>Depressaria assimilella</i> Treits.   |
| <i>Borkhausenia fuscescens</i> Haw.                                       | <i>Depressaria atomella</i> Schiff.      |
| <i>Borkhausenia minutella</i> L.  | ( <i>scopariella</i> Hein.)              |
| <i>Borkhausenia tinctella</i> Hübn.                                       | <i>Depressaria subpropinquella</i>       |
| <i>Borkhausenia panzerella</i> Steph.                                     | Staint. ( <i>rhodochrella</i> H.S.)      |
| ( <i>subochrella</i> Doubl.)  | <i>Depressaria arenella</i> Schiff.      |
| <i>Borkhausenia flavifrontella</i> Hübn.                                  | <i>Depressaria propinquella</i> Treits.  |
| <i>Borkhausenia pseudospretella</i>                                       | <i>Depressaria carduella</i> Hübn.       |
| Staint.   | <i>Depressaria angelicella</i> Hübn.     |
| <i>Chimabache jagella</i> Fabr.   | <i>Depressaria ciliella</i> Staint.      |
| <i>Chimabache phryganella</i> Hübn.                                       | <i>Depressaria applana</i> Fabr.         |
| <i>Pleurota bicostella</i> Clerck   | <i>Depressaria purpurea</i> Haw.         |
| <i>Carcina quercana</i> Fabr.   | ( <i>vaccinella</i> Hübn.)               |
| <i>Depressaria discipunctella</i> H.-S.                                   | <i>Depressaria alstroemeriana</i> Clerck |
| <i>Depressaria nervosa</i> Haw.   | <i>Depressaria ocellana</i> Fabr.        |
| <i>Depressaria chaerophylli</i> Zell.                                     | <i>Depressaria yeatiana</i> Fabr.        |
| <i>Depressaria heracliana</i> L.  | <i>Depressaria hypericella</i> Hübn.     |
| <i>Depressaria pulcherrimella</i> Staint.                                 | <i>Depressaria conterminella</i> Zell.   |
| <i>Depressaria badiella</i> Hübn.   | <i>Epigraphia steinkellneriana</i>       |
| <i>Depressaria pimpinellae</i> Zell.                                      | Schiff.                                  |
| <i>Depressaria olerella</i> Zell.   | <i>Semioscopis avellanella</i> Hübn.     |

## ORNEODIDAE.

*Orneodes hexadactyla* L.

## HELIOZELIDAE.

*Heliozela sericiella* Haw.

*Heliozela resplendella* Staint.

## HELIODINIDAE.

*Stathmopoda pedella* L.

*Schreckensteinia festaliella* Hübn.

*Pancalia leuvenhoekella* L.

## GLYPHIPTERIGIDAE.

*Simaethis pariana* Clerck

*Glyphipteryx fischeriella* Zell.

*Simaethis fabriciana* L.

*Glyphipteryx forsterella* Fabr.

*Glyphipteryx fuscoviridella* Haw.

(*oculatella* Zell.)

*Glyphipteryx thrasonella* Scop.

*Glyphipteryx haworthana* Steph.

(*cladiella* Staint.)

## ELACHISTIDAE.

- |   |                                      |
|---|--------------------------------------|
| <i>Perittia obscuripunctella</i> Staint.  | <i>Elachista gangabella</i> Zell.    |
| <i>Stephensia brunnichiella</i> L.  | <i>Elachista zonariella</i> Tengst.  |
| <i>Elachista cinereopunctella</i> Haw.  | <i>Elachista megerlella</i> Staint.  |
| <i>Elachista magnificella</i> Tengst.   | <i>Elachista biatomella</i> Staint.  |
| <i>Elachista gleichenella</i> Fabr.   | <i>Elachista triatomea</i> Haw.      |
| <i>Elachista albifrontella</i> Hübn.  | <i>Elachista rufocinerea</i> Haw.    |
| <i>Elachista luticomella</i> Zell.  | <i>Elachista cygnipennella</i> Hübn. |
| <i>Elachista atricomella</i> Staint.  |                                      |
| <i>Elachista obscurella</i> Staint. ( <i>humilis</i> Zell.) ( <i>occultella</i> Dougl.) |                                      |

## SCYTHRIDAE.

- |                                   |                                   |
|-----------------------------------|-----------------------------------|
| <i>Scythris grandipennis</i> Haw. | <i>Scythris senescens</i> Staint. |
|-----------------------------------|-----------------------------------|

## HYPONOMEUTIDAE.

- |  |   |
|--|---|
| <i>Ocnorostoma pinariella</i> Zell.                          | <i>Argyresthia semifusca</i> Haw.       |
| <i>Cedestis farinatella</i> Dup.                             | <i>Argyresthia conjugella</i> Zell.     |
| <i>Argyresthia dilectella</i> Zell.                          | <i>Argyresthia spiniella</i> Zell.      |
| <i>Argyresthia andereggiella</i> Dup.                        | <i>Argyresthia ephippella</i> Fabr.     |
| <i>Argyresthia brockeella</i> Hübn.                          | <i>Argyresthia albistria</i> Haw.       |
| <i>Argyresthia goedartella</i> L.                            | <i>Argyresthia semitestacella</i> Curt. |
| <i>Argyresthia pygmaeella</i> Hübn.                          | <i>Swammerdamia combinella</i> Hübn.    |
| <i>Argyresthia cornella</i> Fabr. ( <i>curvella</i> Staint.) | <i>Swammerdamia lutarea</i> Haw.        |
| <i>Argyresthia retinella</i> Zell.                           | <i>Swammerdamia caesiella</i> Hübn.     |
| <i>Argyresthia mendica</i> Haw.                              | ( <i>spiniella</i> Hübn.)               |
|  | <i>Roeslerstammia erzlebelli</i> Fabr.  |

## COLEOPHORIDAE.

- |   |  |
|---|--|
| <i>Metriotes modestella</i> Dup.        | <i>Coleophora lixella</i> Zell.                            |
| <i>Coleophora spissicornis</i> Haw.     | <i>Coleophora palliatella</i> Zinck.                       |
| ( <i>fabriciella</i> Vill.)             | <i>Coleophora discordella</i> Zell.                        |
| <i>Coleophora alcyonipennella</i> Koll. | <i>Coleophora albicosta</i> Haw.                           |
| <i>Coleophora ahenella</i> Hein.        | <i>Coleophora nutantella</i> Mühl.                         |
| <i>Coleophora fuscocuprella</i> H.-S.   | ( <i>inflatae</i> Staint.)                                 |
| ( <i>fiscociliella</i> Staint.)         | <i>Coleophora lineolea</i> Haw. ( <i>apicella</i> Staint.) |
| <i>Coleophora fuscadinella</i> Zell.    | <i>Coleophora therinella</i> Tengst.                       |
| <i>Coleophora lutipennella</i> Zell.    | <i>Coleophora gramimicolella</i> Wocke                     |
| <i>Coleophora limosipennella</i> Dup.   | <i>Coleophora argentula</i> Zell.                          |
| <i>Coleophora badiipennella</i> Dup.    | <i>Coleophora virgaureae</i> Staint.                       |
| <i>Coleophora solitariella</i> Zell.    | <i>Coleophora laripennella</i> Zell.                       |
| <i>Coleophora olivacella</i> Staint.    | <i>Coleophora artemisiella</i> Scott.                      |
| <i>Coleophora juncicocella</i> Staint.  | <i>Coleophora murinipennella</i> Dup.                      |
| <i>Coleophora wockeella</i> Zell.       |  |

## GRACILIARIIDAE.

- |   |   |
|---|---|
| <i>Lithocolletis roboris</i> Zell.  | <i>Lithocolletis viminiella</i> Staint.                                     |
| <i>Lithocolletis cramerella</i> Fabr.   | <i>Lithocolletis comparella</i> Zell.                                       |
| <i>Lithocolletis messaniella</i> Zell.  | <i>Lithocolletis hortella</i> Fabr.   |
| <i>Lithocolletis quercifoliella</i> Zell.                                       | <i>Lithocolletis sylvella</i> Haw.  |
| <i>Lithocolletis heegeriella</i> Zell.  | <i>Phyllocnistis saligna</i> Zell.  |
| <i>Lithocolletis ulicicolella</i> Staint.                                       | <i>Phyllocnistis suffusella</i> Zell.                                       |
| <i>Lithocolletis scopariella</i> Zell.  | <i>Acrocercops brongniardella</i> Fabr.                                     |
| <i>Lithocolletis mespilella</i> Hübn.   | <i>Acrocercops omissella</i> Staint.  |
| ( <i>torminella</i> Frey)   | <i>Ornix torquillella</i> Zell.   |
| <i>Lithocolletis concomitella</i> Bankes  | <i>Ornix scoticella</i> Staint.   |
| <i>Lithocolletis lantanella</i> Schrank   | <i>Ornix betulae</i> Staint.  |
| <i>Lithocolletis cavella</i> Zell.  | <i>Gracilaria phasianipennella</i> Hübn.                                    |
| <i>Lithocolletis spinolella</i> Dup.  | <i>Gracilaria cuculipennella</i> Hübn.                                      |
| <i>Lithocolletis ulnifoliella</i> Hübn.   | <i>Gracilaria sulphurella</i> Haw.  |
| <i>Lithocolletis nigrescentella</i> Logan                                       | <i>Gracilaria tringipennella</i> Zell.                                      |
| ( <i>bremiella</i> Frey)  | <i>Gracilaria populetorum</i> Zell.   |
| <i>Lithocolletis trifasciella</i> Haw.  | <i>Gracilaria elongella</i> L. ( <i>stramine-</i><br><i>ella</i> Staint.)   |
| <i>Lithocolletis schreberella</i> Fabr.   | <i>Gracilaria alchimiella</i> Scop. ( <i>swed-</i><br><i>erella</i> Thunb.) |
| <i>Lithocolletis emberizaepennella</i><br>Bouché                                | <i>Gracilaria stigmatella</i> Fabr.   |
| <i>Lithocolletis nicelli</i> Staint. ( <i>dun-</i><br><i>ningiella</i> Staint.) | <i>Gracilaria falconipennella</i> Hübn.                                     |
| <i>Lithocolletis froelichiella</i> Zell.  |   |

## EPERMENIIDAE.

- |   |                                       |
|---|---------------------------------------|
| <i>Cataplectica fulviguttella</i> Zell. | <i>Epermenia illigerella</i> Hübn.    |
| <i>Phaulernis dentella</i> Zell.        | <i>Epermenia chaerophyllella</i> Göze |

## PLUTELLIDAE.

- |  |   |
|--|---|
| <i>Eidophasia messingiella</i> F.R.                          | <i>Cerostoma radiatella</i> Don.  |
| <i>Cerostoma caudella</i> L.                                 | <i>Cerostoma sequella</i> Clerck  |
| <i>Cerostoma xylostella</i> L. ( <i>harpella</i><br>Schiff.) | <i>Cerostoma vittella</i> L.  |
| <i>Cerostoma nemorella</i> L.                                | <i>Plutella porrectella</i> L.  |
| <i>Cerostoma scabrella</i> L.                                | <i>Plutella maculipennis</i> Curt. ( <i>cruci-</i><br><i>ferarum</i> Zell.) |
| <i>Cerostoma lucella</i> Fabr.                               | <i>Acrolepia pygmaeana</i> Haw. ( <i>autum-</i><br><i>nitella</i> Curt.)    |
| <i>Cerostoma alpella</i> Schiff.                             | <i>Acrolepia granitella</i> Treits.   |
| <i>Cerostoma sylvella</i> L.                                 |   |
| <i>Cerostoma costella</i> Fabr.                              |   |

## LYONETIIDAE.

- |   |   |
|---|---|
| <i>Opostega salaciella</i> Treits. ( <i>reli-</i><br><i>quella</i> Zell.) | <i>Bucculatrix frangulella</i> Göze   |
| <i>Opostega crepusculella</i> Zell.                                       | <i>Bucculatrix boyerella</i> Dup.   |
| <i>Leucoptera walesella</i> Staint.                                       | <i>Bucculatrix cidarella</i> Zell.  |
| <i>Bedellia somnuleutella</i> Zell.                                       | <i>Bucculatrix ulmella</i> Zell. ( <i>vetus-</i><br><i>tella</i> Staint.)     |
| <i>Tischeria complanella</i> Hübn.  | <i>Bucculatrix crataegi</i> Zell. ( <i>cratae-</i><br><i>gifoliella</i> Dup.) |
| <i>Bucculatrix nigricomella</i> Zell.<br>( <i>aurimaculella</i> Staint.)  | <i>Bucculatrix demaryella</i> Staint.   |

## TINEIDAE.

- Scardia boleti* Fabr.  
*Tricophaga tapetiella* L.  
*Monopis rusticella* Hübn.  
*Monopis ferruginella* Hübn.  
*Tineola biselliella* Hum.  
*Tinea fulvimitrella* Sodof.  
*Tinea arcella* Fabr.  
*Tinea parasitella* Hübn.  
*Tinea granella* L.  
*Tinea cloacella* Haw.  
*Tinea ruricolella* Staint. (*cochy-*  
*tidella* Staint.)
- Tinea albipunctella* Haw.  
*Tinea nigripunctella* Haw.  
*Tinea fuscipunctella* Haw. (*flaves-*  
*centella* Staint.)  
*Tinea pellationella* L. (*dubiella*  
 Staint.)  
*Tinea lapella* Hübn. (*ganomella*  
 Treits.)  
*Tinea semifulvella* Haw.  
*Ochsenheimeria birdella* Curt.  
*Talaeporia pseudobombycella* Hübn.  
*Narycia marginepunctella* Steph.

## LAMPRONIIDAE.

- Phylloporia bistrigella* Haw.  
 (sub*ammanella* Staint.)  
*Incurvaria pectinea* Haw.  
*Incurvaria muscallella* Fabr.  
 (mascullella Hübn.)  
*Lampronia capitella* Clerck  
*Lampronia oehlmanniella* Treits.  
*Lampronia praelatella* Schiff.
- Lampronia luzella* Hübn.  
*Lampronia rubiella* Bjerk.  
*Lampronia quadripunctella* Steph.  
 (morosa Zell.)  
*Lampronia pubicornis* Haw. (*flavi-*  
*frontella* Hein.) (*canariella*  
 Staint.)  
*Lampronia tennicornis* Staint.

## ADELIDAE.

- Nemotois minimella* Zell.  
*Nemotois cupriacella* Hübn.  
*Nemotois degeerella* L.  
*Adela viridella* Scop.  
*Adela croesella* Scop.
- Adela rufimitrella* Scop.  
*Adela fibulella* Schiff.  
*Nemophora swammerdamella* L.  
*Nemophora schwarziella* Zell.  
*Nemophora metaxella* Hübn.

## NEPTICULIDAE.

- Nepticula pygmaeella* Haw.  
*Nepticula aucupariae* Frey  
*Nepticula gratiosella* Zell.  
*Nepticula marginicolella* Staint.  
*Nepticula betulicola* Staint.  
*Nepticula argentipedella* Zell.  
*Nepticula basarella* H.-S.  
*Nepticula salicis* Staint.
- Nepticula septembrella* Staint.  
*Nepticula intimella* Zell.  
*Nepticula trimaculella* Haw.  
*Nepticula subbimaculella* Haw.  
 (sub*apicella* Tutt)  
*Nepticula argyropeza* Zell. (*apicella*  
 Staint.)  
*Nepticula pulverosella* Staint.

## ERIOCRANIIDAE

- Eriocrania semipurpurella* Steph.  
 (in*conspicue*lla Wood)  
*Eriocrania purpurella* Haw.  
 (caledoniella Griffith)  
*Eriocrania salopiella* Staint.
- Eriocrania sparrmannella* Bosc.  
*Mnemonicum unimaculella* Zett.  
*Mnemonicum subpurpurella* Haw.  
 (fastuosella Zell.)

**MICROPTERYGIDAE.**

- Micropteryx thunbergella* Fabr.      *Micropteryx aruncella* Scop. (*sepp-*  
*Micropteryx mansuetella* Zell                      *palla* Fabr.)  
*Micropteryx aureatella* Scop.      *Micropteryx cathella* L.  
    (*allionella* Fabr.)