

## THE MOTHS OF BREDFIELD

Over 330 species of moth have been identified and recorded in Bredfield. There will still be many more species present, so please report any additional species. Most of these moths came to light traps (and were released), though some were seen flying or roosting during the day. Most are recorded as adults, but some as larvae. The systematic list below orders these moths by family. Families *Adelidae* to *Crambidae* are micro-moths; the remainder are macro-moths.



### SYSTEMATIC LIST

#### ADELIDAE

Buff Long-horn

*Nematopogon metaxella*

Green Longhorn

*Adela reaumurella*

Small Barred Long-horn

*Adela croeseella*

Large Long-horn

*Nematopogon swammerdamella*

#### TISCHERIIDAE

Oak Carl

*Tischeria ekebladella*

#### TINEIDAE

Skin Moth

*Monopis laevigella*

#### GRACILLARIDAE

Horse-chestnut Leaf-miner

*Cameraria ohridella*

#### YPONOMEUTIDAE

Apple/Spindle Ermine

*Yponomeuta maqilinellus/cagnagella* agg

Willow Ermine

*Yponomeuta rorrella*

#### YPSOLOPHIDAE

Wainscot Smudge

*Ypsolopha scabrella*

Pied Smudge

*Ypsolopha sequella*

#### PLUTELLIDAE

Diamond-back Moth

*Plutella xylostella*

#### LYONETIIDAE

Apple Leaf-miner

*Lyonetia clerkella*

#### OECOPHORIDAE

White -shouldered House Moth  
Brown House Moth  
Sulphur Tubic

*Endrosis sarcitrella*  
*Hofmannophila pseudospretella*  
*Esperia sulphurella*

#### DEPRESSARIIDAE

Dawn Flat Body  
Bridled Flat-body  
Common Flat-body  
Brown-spot Flat-body

*Semioscopis steinkellneriana*  
*Agonopterix arenella*  
*Agonopterix heracliana*  
*Agonopterix alstromeriana*

#### GELECHIIDAE

Acer Sober  
Beet Moth

*Anarsia innexiella*  
*Scobipalpa ocellatella*

#### COLEOPHORIDAE

Clover Case-bearer  
Black-stigma Case-bearer

*Coleophora alcyonipennella*  
*Coleophora hemerobriella*

#### BLASTOBASIDAE

Dingy Dowd

*Blastobasis adustella*

#### ALUCITINAE

Twenty-plume moth

*Alucita hexadactyla*

#### PTEROPHORIDEA

Beautiful Plume  
White Plume  
Common Plume

*Amblyptilia acanthadactyla*  
*Pterophorus pentadactyla*  
*Emmelina monodactyla*

#### CHOREUTIDAE

Common Nettle-tap

*Anthophila fabriciana*

#### TORTRICIDAE

Red-barred Tortrix  
Large Fruit-tree Tortrix  
Variegated Golden Tortrix  
Chequered Fruit-tree Tortrix  
Barred Fruit-tree Tortrix  
Privet Tortrix  
Light Brown Apple Moth  
Orange Pine Tortix  
Bluebell Shade  
Green Oak Tortrix  
Yellow Oak Button  
Maple Button  
Yellow-spot Tortrix  
Common Yellow Conch  
Knapweed Conch  
Orange Conch  
White-bellied Conch  
Black-headed Conch

*Ditula angustiorana*  
*Archips podana*  
*Archips xylosteana*  
*Pandemis corylana*  
*Pandemis cerasana*  
*Clepsis consimilata*  
*Epiphyas postvittana*  
*Lozotaeniodes formosana*  
*Eana incanana*  
*Tortrix viridana*  
*Aleimma loeflingiana*  
*Acleris forsskaleana*  
*Pseudargyrotoza conwagana*  
*Agapeta hamana*  
*Agapeta zoegana*  
*Commophila aeneana*  
*Cochylis hybridella*  
*Cochylis atricapitana*

Marbled Orchid Tortrix  
Plum Tortrix  
Barred Marble  
Common Marble  
Smoky-barred Marble  
Blotched Marble  
Willow Tortrix  
Hoary Bell  
Thistle Bell  
Yellow-faced Bell  
Triple-bloched Bell  
Codling Moth  
Marbled Piercer  
Black-bordered Piercer  
Regal Piercer

*Hedya rubiferana*  
*Hedya pruniana*  
*Celypha striana*  
*Celypha lacunana*  
*Lobesia abscisana*  
*Endothenia quadrimaculana*  
*Epinota cruciana*  
*Eucosma Cena*  
*Epiblema scutulana*  
*Notocelia cynosbatella*  
*Notocella trimaculana*  
*Cydia pomonella*  
*Cydia splendana*  
*Pammene argyrana*  
*Pammene regiana*

#### PYRALIDEA

Bee Moth  
Dotted Oak Knot-horn  
Grey Knot-horn  
Ash-bark Knot-horn  
Twin-barred Knot-horn  
Ermine Knot-horn  
False Cacao Moth  
Long-legged Tabby  
Meal Moth  
Gold Tiangle  
Rosy Tabby

*Aphomia sociella*  
*Phycita roborella*  
*Acrobasis advenella*  
*Euzophera pinguis*  
*Homoeosoma sinuella*  
*Phycitodes binaevella*  
*Ephestia woodiella*  
*Synaphe punctalis*  
*Pyralis farinalis*  
*Hypsopygia costalis*  
*Endotricha flammealis*

#### CRAMBIDAE

Straw-bordered Pearl  
Small Purple and Gold (Mint Moth)  
Lesser Pearl  
Small Magpie  
European Corn Borer  
Rusty-dot Pearl  
Dusky Pearl  
Olive Pearl  
Mother of Pearl  
Rush Veneer  
Box-tree Moth  
Garden Pebble  
Dark-bordered Pearl  
Common Grey  
Little Grey  
Narrow-winged Grey  
Garden Grass Veneer  
Inlaid Grass Veneer  
Hook-streak Grass Veneer  
Satin Grass Veneer

*Pyrausta despicata*  
*Pyrausta aurata*  
*Sitochroa verticalis*  
*Anania hortulata*  
*Ostrinia nubilalis*  
*Udea ferrugalis*  
*Udea prunalis*  
*Udea olivalis*  
*Patania ruralis*  
*Nomophila noctuella*  
*Cydalima perspectalis*  
*Evergestis forficalis*  
*Evergestis limbata*  
*Scoparia ambigualis*  
*Eudonia lacustrata*  
*Eudonia angustea*  
*Chrysoteuchia culmella*  
*Crambus pascuella*  
*Crambus lathoniellus*  
*Crambus perlella*

|                           |                              |
|---------------------------|------------------------------|
| Common Grass Veneer       | <i>Agriphila tristella</i>   |
| Straw Grass Veneer        | <i>Agriphila straminella</i> |
| Elbow-stripe Grass Veneer | <i>Agriphila geniculea</i>   |
| Brown China Mark          | <i>Elophila nymphaeata</i>   |
| Small China-mark          | <i>Cataclysta lemnata</i>    |
| Ringed China-mark         | <i>Parapoynx stratiotata</i> |

#### HEPIALDAE

|              |                                |
|--------------|--------------------------------|
| Orange Swift | <i>Hepialus sylvina</i>        |
| Common Swift | <i>Korscheltellus lupulina</i> |

#### ZEUZERINAE

|              |                       |
|--------------|-----------------------|
| Leopard Moth | <i>Zeuzera pyrina</i> |
|--------------|-----------------------|

#### LIMACODIDAE

|         |                        |
|---------|------------------------|
| Festoon | <i>Apoda limacodes</i> |
|---------|------------------------|

#### DREPANIDAE

|                   |                           |
|-------------------|---------------------------|
| Oak Hook-tip      | <i>Watsonalla binaria</i> |
| Chinese Character | <i>Cilix glaucata</i>     |

#### LASIOCAMPIDAE

|               |                            |
|---------------|----------------------------|
| December Moth | <i>Poecilocampa populi</i> |
| Oak Eggar     | <i>Lasiocampa quercus</i>  |
| Drinker       | <i>Euthrix potatoria</i>   |

#### SPHINGIDAE

|                         |                                 |
|-------------------------|---------------------------------|
| Eyed Hawk-moth          | <i>Smerinthus ocellatus</i>     |
| Poplar Hawk-moth        | <i>Laothoe populi</i>           |
| Convolvulus Hawk-moth   | <i>Agrius convolvulii</i>       |
| Privet Hawk-moth        | <i>Sphinx ligustri</i>          |
| Pine Hawk-moth          | <i>Sphinx pinastri</i>          |
| Hummingbird Hawk-moth   | <i>Macroglossum stellatarum</i> |
| Elephant Hawk-moth      | <i>Deilephila elpenor</i>       |
| Small Elephant Hawkmoth | <i>Smerinthus ocellatus</i>     |

#### GEOMETRIDAE

|                       |                                 |
|-----------------------|---------------------------------|
| Least Carpet          | <i>Idaea rusticata</i>          |
| Dwarf Cream Wave      | <i>Idaea fuscovenosa</i>        |
| Small Dusty Wave      | <i>Idaea seriata</i>            |
| Single-dotted Wave    | <i>Idaea dimidiata</i>          |
| Treble Brown Spot     | <i>Idaea trigeminata</i>        |
| Small Fan-footed Wave | <i>Idaea biselata</i>           |
| Small Scallop         | <i>Idaea emarginata</i>         |
| Riband Wave           | <i>Idaea aversata</i>           |
| Tawny Wave            | <i>Scopula rubiginata</i>       |
| Small Blood-vein      | <i>Scopula imitaria</i>         |
| Blood-vein            | <i>Timandra comae</i>           |
| Maiden's Blush        | <i>Cyclophora punctaria</i>     |
| Shaded Broad-bar      | <i>Scotopteryx chenopodiata</i> |

|                         |  |
|-------------------------|--|
| Garden Carpet           | <i>Xanthorhoe fluctuata</i>            |
| Red Twin-spot Carpet    | <i>Xanthorhoe spadicearia</i>          |
| Silver-ground Carpet    | <i>Xanthorhoe montanata</i>            |
| Ruddy Carpet            | <i>Catarhoe rubidata</i>               |
| Yellow Shell            | <i>Camptogramma bilineata</i>          |
| Common Carpet           | <i>Epirrhoe alternata</i>              |
| Shoulder Stripe         | <i>Anticlea badiata</i>                |
| Streamer                | <i>Anticlea derivata</i>               |
| Mallow                  | <i>Larentia clavaria</i>               |
| July Highflyer          | <i>Hydriomena furcata</i>              |
| Spruce Carpet           | <i>Thera britannica</i>                |
| Grey Pine Carpet        | <i>Thera obeliscata</i>                |
| Cypress Carpet          | <i>Thera cupressata</i>                |
| Barred Yellow           | <i>Cidaria fulvata</i>                 |
| Purple Bar              | <i>Cosmorhoe ocellata</i>              |
| Barred Staw             | <i>Gandaritis pyraliata</i>            |
| Red-Green Carpet        | <i>Chloroclysta siterata</i>           |
| Common Marbled Carpet   | <i>Chloroclysta truncata</i>           |
| Green Carpet            | <i>Colostygia pectinataria</i>         |
| Winter Moth             | <i>Operophtera brumata</i>             |
| November Moth           | <i>Epirrita dilutata agg</i>           |
| Small Waved Umber       | <i>Horisme vitalbata</i>               |
| Pretty Chalk Carpet     | <i>Melanthia procellata</i>            |
| Small Rivulet           | <i>Perizoma alchemillata</i>           |
| Sandy Carpet            | <i>Perizoma flavofasciata</i>          |
| Double-striped Pug      | <i>Gymnoscelis rufifasciata</i>        |
| V Pug                   | <i>Chloroclystis v-ata</i>             |
| Green Pug               | <i>Pasiphia rectangulata</i>           |
| Brindled Pug            | <i>Eupithecia abbreviata</i>           |
| Cypress Pug             | <i>Eupithecia phoeniceata</i>          |
| Lime-speck Pug          | <i>Eupithecia centaureata</i>          |
| Freyer's Pug            | <i>Eupithecia intricata arceuthata</i> |
| Wormwood Pug            | <i>Eupithecia absinthiata</i>          |
| Currant Pug             | <i>Eupithecia assimilata</i>           |
| Tawny-speckled Pug      | <i>Eupithecia icterata</i>             |
| Bordered Pug            | <i>Eupithecia succenturiata</i>        |
| Treble-bar              | <i>Aplocera plagiata</i>               |
| Seraphim                | <i>Lobophora halterata</i>             |
| Yellow-barred Brindle   | <i>Acasis viretata</i>                 |
| Clouded Border          | <i>Lomaspilis marginata</i>            |
| Sharp-angled Peacock    | <i>Macaria alternata</i>               |
| Latticed Heath          | <i>Chiasmia clathrata</i>              |
| Scorched Carpet         | <i>Ligdia adustata</i>                 |
| Scorched Wing           | <i>Plagodis dolabraria</i>             |
| Brimstone               | <i>Opisthograptis luteolata</i>        |
| Orange Moth             | <i>Angerona prunaria</i>               |
| August Thorn            | <i>Ennomos quercinaria</i>             |
| Canary-shouldered Thorn | <i>Ennomos alniaria</i>                |
| Dusky Thorn             | <i>Ennomos fuscantaria</i>             |
| Early Thorn             | <i>Selenia dentaria</i>                |

Scalloped Hazel  
Scalloped Oak  
Swallow-tailed Moth  
Feathered Thorn  
March Moth  
Brindled Beauty  
Peppered Moth  
Spring Usher  
Scarce Umber  
Dotted Border  
Mottled Umber  
Waved Umber  
Willow Beauty  
Mottled Beauty  
Engrailed  
Common White Wave  
Common Wave  
Clouded Silver  
Early Moth  
Light Emerald  
Blotched Emerald  
Small Emerald  
Common Emerald

*Epiblema scutulana*  
*Crocallis elinguaris*  
*Ourapteryx sambucaria*  
*Colotois pennaria*  
*Alsophila aescularia*  
*Lycia hirtaria*  
*Biston betularia*  
*Agriopsis leucophaearia*  
*Agriopsis aurantiaria*  
*Agriopsis marginaria*  
*Erannis defoliaria*  
*Menophra abruptaria*  
*Peribatodes rhomboidaria*  
*Alcis repandata*  
*Ectropis crepuscularia*  
*Cabera pusaria*  
*Cabera exanthemata*  
*Lomographa temperata*  
*Theria primaria*  
*Campaea margaritata*  
*Comibaena bajularia*  
*Hemistola chrysoprasaria*  
*Hemithea aestivaria*

#### NOTODONTIDAE

Puss Moth  
Sallow Kitten  
Marbled Brown  
Iron Prominent  
Pebble Prominent  
Great Prominent  
Swallow Prominent  
Lesser Swallow Prominent  
Pale Prominent  
Coxcomb Prominent  
Buff-tip  
Chocolate-tip

*Cerura vinula*  
*Furcula furcula*  
*Drymonia dodonaea*  
*Notodonta dromedarius*  
*Notodonta ziczac*  
*Peridea anceps*  
*Pheosia tremula*  
*Pheosia gnoma*  
*Pterostoma palpina*  
*Ptilodon capucina*  
*Phalera bucephala*  
*Clostera curtula*

**EREBIDAE**

|                    |                                |
|--------------------|--------------------------------|
| Straw Dot          | <i>Rivula sericealis</i>       |
| Snout              | <i>Hypena proboscidalis</i>    |
| Buttoned Snout     | <i>Hypena rostralis</i>        |
| White Satin Moth   | <i>Leucoma salicis</i>         |
| Black Arches       | <i>Lymantria monacha</i>       |
| Brown-tail         | <i>Euproctis chrysorrhoea</i>  |
| Yellow-tail        | <i>Euproctis similis</i>       |
| Pale Tussock       | <i>Calliteara pudibunda</i>    |
| Vapourer           | <i>Orgyia antiqua</i>          |
| Buff Ermine        | <i>Spilosoma lutea</i>         |
| White Ermine       | <i>Spilosoma lubricipeda</i>   |
| Muslin Moth        | <i>Diaphora mendica</i>        |
| Clouded Buff       | <i>Diacrisia sannio</i>        |
| Ruby Tiger         | <i>Phragmatobia fuliginosa</i> |
| Cinnabar           | <i>Tyria jacobaeae</i>         |
| Rosy Footman       | <i>Miltochrista miniata</i>    |
| Muslin Footman     | <i>Nudaria mundana</i>         |
| Buff Footman       | <i>Eilema depressa</i>         |
| Dingy Footman      | <i>Eilema griseola</i>         |
| Common Footman     | <i>Eilema lurideola</i>        |
| Scarce Footman     | <i>Eilema complana</i>         |
| Orange Footman     | <i>Eilema sororcula</i>        |
| Fan-foot           | <i>Herminia tarsipennalis</i>  |
| Beautiful Hook-tip | <i>Laspeyria flexula</i>       |
| Beautiful Marbled  | <i>Eublemma purpurina</i>      |
| Red Underwing      | <i>Catocala nupta</i>          |

**NOCTUIDAE**

|                         |                                   |
|-------------------------|-----------------------------------|
| Spectacle               | <i>Abrostola tripartita</i>       |
| Burnished Brass         | <i>Diachrysia chrysitis</i>       |
| Silver Y                | <i>Autographa gamma</i>           |
| Nut-tree Tussock        | <i>Colocasia coryli</i>           |
| Grey Dagger             | <i>Acronicta psi agg</i>          |
| Knot Grass              | <i>Acronicta rumicis</i>          |
| Poplar Grey             | <i>Acronicta megacephala</i>      |
| Coronet                 | <i>Craniophora ligustri</i>       |
| Mullein                 | <i>Cucullia verbasci</i>          |
| Copper Underwing        | <i>Amphipyra pyramidea agg</i>    |
| Mouse Moth              | <i>Amphipyra tragopoginis</i>     |
| Sprawler                | <i>Asteroscopus sphinx</i>        |
| Green-brindled Crescent | <i>Allophyes oxyacanthae</i>      |
| Early Grey              | <i>Xylocampa areola</i>           |
| Tree-lichen Beauty      | <i>Cryphia algae</i>              |
| Mottled Rustic          | <i>Caradrina morpheus</i>         |
| Pale Mottled Willow     | <i>Paradrina clavipalpis</i>      |
| Uncertain               | <i>Hoplodrina octogenaria agg</i> |
| Vine's Rustic           | <i>Hoplodrina ambigua</i>         |
| Treble Lines            | <i>Charanyca trigrammica</i>      |
| Brown Rustic            | <i>Rusina ferruginea</i>          |

Old Lady  
Straw Underwing  
Angle Shades  
Dusky Sallow  
Frosted Orange  
Rosy Rustic  
Flounced Rustic  
Large Wainscot  
Webb's Wainscot  
Dusky Brocade  
Clouded Brindle  
Large Nutmeg  
Rustic Shoulder Knot  
Dark Arches  
Double Lobed  
Common Rustic  
Cloaked Minor  
Marbled Minor  
Tawny Marbled Minor  
Rufous Minor  
Middle-barred Minor  
Barred Sallow  
Beaded Chestnut  
Brown-spot Pinion  
Red-line Quaker  
Yellow-line Quaker  
Brick  
Lunar Underwing  
Chestnut  
Dark Chestnut  
Dotted Chestnut  
Pale Pinion  
Grey Shoulder-knot  
Satellite  
Lesser-spotted Pinion  
Dun-bar  
Centre-barred Sallow  
Dingy Shears  
Merveille du Jour  
Brindled Green  
Deep-brown Dart  
Black Rustic  
Feathered Ranunculus  
Pine Beauty  
Clouded Drab  
Common Quaker  
Small Quaker  
Powdered Quaker  
Hebrew Character  
Twin-spotted Quaker

*Mormo maura*  
*Thalpophila matura*  
*Phlogophora meticulosa*  
*Eremobia ochroleuca*  
*Gortyma flavago*  
*Hydraecia micacea*  
*Luperina testacea*  
*Rhizedra lutosa*  
*Globia sparganii*  
*Apamea remissa*  
*Apamea epomidion*  
*Apamea anceps*  
*Apamea sordens*  
*Apamea monoglypha*  
*Apamea ophiogramma*  
*Mesapamea secalis agg*  
*Mesoligia furuncula*  
*Oligia strigilis agg*  
*Oligia latruncula*  
*Oligia versicolor*  
*Oligia fasciuncula*  
*Xanthia aurago*  
*Agrochola lychnidis*  
*Agrochola litura*  
*Agrochola lota*  
*Agrochola macilenta*  
*Agrochola circellaris*  
*Omphaloscelis lunosa*  
*Conistra vaccinii*  
*Conistra ligula*  
*Conistra rubiginea*  
*Lithophane socia*  
*Lithophane ornitopus*  
*Eupsilia transversa*  
*Cosmia affinis*  
*Cosmia trapezina*  
*Atethmia centrago*  
*Apterogenum ypsilon*  
*Dichonia aprilina*  
*Dryobotodes eremita*  
*Aporophyla lutulenta*  
*Aporophyla nigra*  
*Polymixis lichenea*  
*Panolis flammea*  
*Orthosia incerta*  
*Orthosia cerasi*  
*Orthosia cruda*  
*Orthosia gracilis*  
*Orthosia gothica*  
*Perigrapha munda*



Hedge Rustic  
Feathered Gothic  
Light Brocade  
Dog's Tooth  
Bright-line Brown-Eye  
Cabbage Moth  
White Colon  
Lychnis  
Brown-line Bright-eye  
Common Wainscot  
Smoky Wainscot  
White-point  
Clay  
White-line Dart  
Heart and Dart  
Turnip Moth  
Heart and Club  
Shuttle-shaped Dart  
Dark Sword Grass  
Flame  
Flame Shoulder  
Small Square-spot  
Red Chestnut  
Large Yellow Underwing  
Broad-bordered Yellow Underwing  
Lunar Yellow Underwing  
Lesser Yellow Underwing  
Least Yellow Underwing  
Lesser Broad-bordered Yellow Underwing  
Dotted Clay  
Square-spotted Clay  
Square-spot Rustic  
Six-striped Rustic  
Setaceous Hebrew Character  
Double Square-spot  
Autumnal Rustic

*Tholera cespitis*  
*Tholera decimalis*  
*Lacanobia w-latinum*  
*Lacanobia suasa*  
*Lacanobia oleracea*  
*Mamestra brassicae*  
*Sideridis turbida*  
*Hadena bicruris*  
*Mythimna conigera*  
*Mythimna pallens*  
*Mythimna impura*  
*Mythimna albipuncta*  
*Mythimna ferrago*  
*Euxoa tritici*  
*Agrotis exclamationis*  
*Agrotis segetum*  
*Agrotis clavis*  
*Agrotis puta*  
*Agrotis ipsilon*  
*Axylia putris*  
*Ochropleura piecta*  
*Diarsia rubi*  
*Cerastis rubricosa*  
*Noctua pronuba*  
*Noctua fimbriata*  
*Noctua orbona*  
*Noctua comes*  
*Noctua interjecta*  
*Noctua janthina*  
*Xestia baja*  
*Xestia rhomboidea*  
*Xestia xanthographa*  
*Xestia sexstrigata*  
*Xestia c-nigrum*  
*Xestia triangulum*  
*Eugnorisma glareosa*

#### NOLIDAE

Short-cloaked Moth

*Nola cucullatella*