



## Moth Survey Report

### Summary

|                               |                                                                                                                                                                 |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Location:                     | Green Cross Cottage, South Garden (TQ3615)                                                                                                                      |
| Date:                         | 31/08/2026                                                                                                                                                      |
| Survey Method(s):             | MV Light                                                                                                                                                        |
| Recorders(s):                 | Chris Chapman                                                                                                                                                   |
| Moth Count:                   | 203                                                                                                                                                             |
| Species Count:<br>(see notes) | 57<br>New for Year: 11<br>New for Location: 2<br>Total new species for Location this Year: 31<br>Species Count for Year: 344<br>Species Total for Location: 556 |
| Non-species Count:            | 1                                                                                                                                                               |
| Notable Record Count:         | 11                                                                                                                                                              |

### Full List

NFG = New Species For Location/Garden NFY = New Species For Year

| Species                                                         | Count | Type  | Sussex Status        | Comment                                                                                                                                                                                     |
|-----------------------------------------------------------------|-------|-------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Blood-vein ( <i>Timandra comae</i> )                            | 1     | Macro | Common (5,613)       | Resident. Larvae feed on Dock and other unspecified low-growing plants.                                                                                                                     |
| Bramble Shoot Moth ( <i>Notocelia uddmanniana</i> )             | 1     | Micro | Common (2,737)       | Resident. The larvae feed on bramble.                                                                                                                                                       |
| Bright-line Brown-eye ( <i>Lacanobia oleracea</i> )             | 1     | Macro | Very Common (14,145) | Resident. Larvae feed on a wide variety of plants including bindweed, bracken, primrose, plantain and dock.                                                                                 |
| Brimstone Moth ( <i>Opisthocraptis luteolata</i> )              | 7     | Macro | Abundant (17,349)    | A common, resident species. Double brooded, flying from late April to mid July and then again from early August to early October. The larvae feed on hawthorn, apple, plum, hazel and sloe. |
| Broad-bordered Yellow Underwing ( <i>Noctua fimbriata</i> ) NFY | 1     | Macro | Common (5,720)       | Resident. Larvae feed on a wide range of low growing plants and shrubs including hawthorn, sallow (silver) birch, figwort, willowherb, honeysuckle, goosefoot and ivy.                      |
| Burnished Brass ( <i>Diachrysis chrysis</i> )                   | 1     | Macro | Common (5,792)       | Resident. Larvae feed on stinging nettle.                                                                                                                                                   |
| Centre-barred Sallow ( <i>Atethmia centrargo</i> )              | 5     | Macro | Common (2,219)       | Resident. The larvae feed on ash.                                                                                                                                                           |
| Common Grass-veneer ( <i>Agriphila tristella</i> )              | 14    | Micro | Common (6,855)       | Resident. The larvae feed at the base of unspecified grass stems but this has yet to be confirmed in Sussex.                                                                                |
| Common Marble ( <i>Celypha lacunana</i> )                       | 4     | Micro | Very Common (9,032)  | Resident. Larvae feed in the young shoots of almost any shrubs and plants, including <i>Epilobium</i> and <i>Hypericum</i> species.                                                         |
| Common Plume ( <i>Emmelina monodactyla</i> )                    | 1     | Micro | Very Common (12,093) | Resident. Larvae feed on bindweed and on races of the related "Morning Glory".                                                                                                              |

| Species                                                                         | Count | Type  | Sussex Status        | Comment                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------|-------|-------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Common Wainscot ( <i>Mythimna pallens</i> )                                     | 3     | Macro | Very Common (12,382) | Resident. Larvae feed on various grasses.                                                                                                                                                                    |
| Dark Bordered Pearl ( <i>Evergestis limbata</i> )                               | 1     | Micro | Common (1,056)       | Resident and suspected occasional immigrant. Larvae feed on the leaves of hedge mustard.                                                                                                                     |
| Delicate ( <i>Mythimna vitellina</i> )                                          | 4     | Macro | Common (2,391)       | Immigrant and suspected episodic resident species. Larvae feed on various grasses.                                                                                                                           |
| Dingy Footman ( <i>Eilema griseola</i> )                                        | 1     | Macro | Common (5,895)       | Resident. Larvae feed on commonplace lichen, <i>xanthoria parietina</i> . Also said to feed on bramble, although this may only be in captivity.                                                              |
| Early Thorn ( <i>Selenia dentaria</i> )                                         | 1     | Macro | Common (4,439)       | Resident. The larvae feed on (silver) birch, hawthorn, willow, hazel, bramble, rose, raspberry, sloe and damson.                                                                                             |
| Elbow-stripe Grass-veneer ( <i>Agriphila geniculea</i> ) <sup>NFY</sup>         | 9     | Micro | Common (4,472)       | Resident. The larval plant is unknown in Sussex but unspecified grasses are noted for elsewhere.                                                                                                             |
| European Corn-borer ( <i>Ostrinia nubilalis</i> )                               | 3     | Micro | Common (1,940)       | Immigrant and resident species. Larvae feed on mugwort.                                                                                                                                                      |
| Feathered Gothic ( <i>Tholera decimalis</i> ) <sup>NFY</sup>                    | 1     | Macro | Common (2,359)       | Resident. Larvae feed on unspecified grasses.                                                                                                                                                                |
| Flame Shoulder ( <i>Ochropleura plecta</i> )                                    | 2     | Macro | Abundant (19,960)    | Resident. Larvae feed on various unidentified wild and cultivated plants that have been listed from elsewhere.                                                                                               |
| Frosted Orange ( <i>Gortyna flavago</i> ) <sup>NFY</sup>                        | 1     | Macro | Common (1,889)       | Resident. Larvae feed inside the stems of thistle, hemp-agrimony, fleabane, and burdock.                                                                                                                     |
| Heart and Dart ( <i>Agrotis exclamatoris</i> )                                  | 1     | Macro | Abundant (20,709)    | Resident. Larval foodplants include a wide variety of unidentified wild and garden plants.                                                                                                                   |
| Kent Black Arches ( <i>Meganola albula</i> ) <sup>NFY</sup>                     | 1     | Macro | Common (1,213)       | Resident. Larvae feed on dewberry and raspberry.                                                                                                                                                             |
| Knot Grass ( <i>Acronicta rumicis</i> )                                         | 2     | Macro | Common (5,038)       | Resident. Double-brooded, flying mainly from mid-April to mid-June and from mid-July to mid-September. Larvae feed on bramble, willow, unspecified low-growing plants including thistle, hop and poplar.     |
| Large Fruit-tree Tortrix ( <i>Archips podana</i> )                              | 5     | Micro | Common (2,984)       | Resident. Larvae feed on deciduous trees in woods and on ivy, hops, <i>Euonymus japonicus</i> , etc., in gardens and parks.                                                                                  |
| Large Yellow Underwing ( <i>Noctua pronuba</i> )                                | 12    | Macro | Abundant (32,567)    | Resident reinforced by regular immigration. Larvae feed on unspecified garden vegetables and flowers.                                                                                                        |
| Light Emerald ( <i>Campaea margaritaria</i> )                                   | 1     | Macro | Very Common (9,291)  | Resident. Larvae feed on beech, birch, oak, ash, heather and grey willow.                                                                                                                                    |
| Long-horned Flat-body ( <i>Carcina quercana</i> )                               | 2     | Micro | Common (2,793)       | Resident. Larvae feed on the leaves of all kinds of trees and shrubs.                                                                                                                                        |
| Maiden's Blush ( <i>Cyclophora punctaria</i> )                                  | 1     | Macro | Common (3,783)       | A resident and suspected immigrant. Larvae feed on Oak and (silver) Birch.                                                                                                                                   |
| Marbled Yellow Pearl ( <i>Evergestis extimalis</i> ) <sup>NFY NFG</sup>         | 1     | Micro | Scarce (237)         | Nationally Notable Class B. Resident and suspected immigrant. Larvae feed on the seed-heads of unspecified species of cruciferous plants, including perennial wall-rocket and on charlock and white mustard. |
| Noctua janthe/janthina/tertia agg. ( <i>Noctua janthe/janthina/tertia</i> agg.) | 1     | Micro |                      |                                                                                                                                                                                                              |
| Oak Hook-tip ( <i>Watsonalla binaria</i> )                                      | 9     | Macro | Common (3,925)       | Resident. Larvae feed on oak.                                                                                                                                                                                |
| Orange Sallow ( <i>Tiliacea citrigo</i> ) <sup>NFY</sup>                        | 1     | Macro | Very Scarce (155)    | Resident. The larvae feed on lime.                                                                                                                                                                           |
| Orange Swift ( <i>Triodia sylvina</i> )                                         | 2     | Macro | Common (3,385)       | Resident. Larvae feed on the roots of various plants including bracken, burdock and viper's bugloss.                                                                                                         |
| Ox-tongue Conch ( <i>Neocoehylis molliculana</i> )                              | 2     | Micro | Common (1,059)       | Resident. The larvae feed on bristly oxtongue.                                                                                                                                                               |
| Pale Eggar ( <i>Trichiura crataegi</i> ) <sup>NFY</sup>                         | 2     | Macro | Scarce (231)         | Resident. Occasionally common in a few special deciduous woods. Larvae feed on sloe, hawthorn, and oak and occasionally on wayfaring tree.                                                                   |
| Pinion-streaked Snout ( <i>Schranksia costaealis</i> ) <sup>NFY</sup>           | 1     | Macro | Common (1,450)       | Resident. The larval foodplant in the wild is not known in this country.                                                                                                                                     |
| Purple Argemone ( <i>Argyresthia albigera</i> ) <sup>NFY NFG</sup>              | 1     | Micro | Rare (91)            | Resident. Larvae feed on the shoots of sloe.                                                                                                                                                                 |
| Rosy-striped Knot-horn ( <i>Oncocera semirubella</i> )                          | 1     | Micro | Scarce (372)         | Nationally Notable Class B. Suspected immigrant                                                                                                                                                              |

| Species                                                       | Count | Type  | Sussex Status        | Comment                                                                                                                                                                                                  |
|---------------------------------------------------------------|-------|-------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                               |       |       |                      | and episodic resident. Larvae feed in the shoots of birds-foot trefoil.                                                                                                                                  |
| Ruby Tiger ( <i>Phragmatobia fuliginosa</i> )                 | 2     | Macro | Common (6,331)       | Resident. Number of broods varies between one and three in Sussex, flying most numerous in a single emergence from mid July to late August. Larvae feed on ragwort, bedstraw, bramble and hounds-tongue. |
| Rush Veneer ( <i>Nomophila noctuella</i> )                    | 4     | Micro | Very Common (8,199)  | Immigrant appearing each year in widely varying numbers. Larvae feed on clover and unspecified grasses.                                                                                                  |
| Rusty-dot Pearl ( <i>Udea ferrugalis</i> )                    | 5     | Micro | Common (7,620)       | Immigrant. Larvae feed on hemp agrimony, strawberry and woundwort.                                                                                                                                       |
| Setaceous Hebrew Character ( <i>Xestia c-nigrum</i> )         | 5     | Macro | Abundant (20,549)    | Resident species reinforced by episodic immigration. Larvae feed on dock and probably other herbaceous plants.                                                                                           |
| Sharp-angled Peacock ( <i>Macaria alternata</i> )             | 1     | Macro | Common (2,159)       | Resident. Larvae feed on sloe and sea buckthorn.                                                                                                                                                         |
| Single-dotted Wave ( <i>Idaea dimidiata</i> )                 | 1     | Macro | Common (5,847)       | Resident. Larvae feed on Burnet Saxifrage and Beaked Parsley.                                                                                                                                            |
| Six-striped Rustic ( <i>Xestia sexstrigata</i> )              | 1     | Macro | Common (2,678)       | Resident. The larval foodplant has been recorded as unidentified herbaceous plants.                                                                                                                      |
| Small Blood-vein ( <i>Scopula imitaria</i> )                  | 1     | Macro | Common (1,815)       | Resident. Larvae feed on Honeysuckle and Hawthorne.                                                                                                                                                      |
| Small Mottled Willow ( <i>Spodoptera exigua</i> )             | 12    | Macro | Fairly Common (781)  | Immigrant. Larvae have not been recorded in Sussex although they have been found on <i>Persicaria</i> elsewhere.                                                                                         |
| Small Phoenix ( <i>Ecliptopera silaceata</i> ) <sup>NFY</sup> | 1     | Macro | Common (2,401)       | Resident. Larvae feed on willow-herb and enchanterlady's nightshade.                                                                                                                                     |
| Snout ( <i>Hypena proboscidalis</i> )                         | 1     | Macro | Very Common (11,707) | Resident. Larvae feed on stinging nettle.                                                                                                                                                                |
| Spectacle ( <i>Abrostola tripartita</i> )                     | 1     | Macro | Very Common (8,197)  | Resident. Larvae feed on stinging nettle.                                                                                                                                                                |
| Square-spot Rustic ( <i>Xestia xanthographa</i> )             | 24    | Macro | Very Common (13,911) | Resident. Larvae feed on unspecified species of ribbon grass.                                                                                                                                            |
| Straw Dot ( <i>Rivula sericealis</i> )                        | 1     | Macro | Very Common (10,829) | Resident sometimes reinforced by migration. Larvae feed on unidentified grasses.                                                                                                                         |
| Straw Underwing ( <i>Thalophila matura</i> )                  | 15    | Macro | Common (4,020)       | Resident. Larvae feed on unidentified grasses.                                                                                                                                                           |
| Vestal ( <i>Rhodometra sacraria</i> )                         | 4     | Macro | Common (1,013)       | An immigrant. Larvae have been associated with Knotgrass and Redshank.                                                                                                                                   |
| Vine's Rustic ( <i>Hoplodrina ambigua</i> )                   | 11    | Macro | Very Common (13,502) | Resident and immigrant species. The larval foodplant has not been recorded in Sussex.                                                                                                                    |
| Waste Grass-veneer ( <i>Pediasia contaminella</i> )           | 1     | Micro | Fairly Common (403)  | Resident. The larval foodplant is unknown in Sussex but is unspecified grasses elsewhere.                                                                                                                |
| White-point ( <i>Mythimna albipuncta</i> )                    | 2     | Macro | Common (7,725)       | Immigrant and episodic resident. Larvae feed on unspecified grasses.                                                                                                                                     |
| Willow Beauty ( <i>Peribatodes rhomboidaria</i> )             | 2     | Macro | Abundant (16,389)    | Redsident. Larvae feed on privet, lilac, ivy, honeysuckle, hawthorn, dock, heather and gorse.                                                                                                            |

## Notable Records

| Species                                              | Comment                                                                                                                                          |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Feathered Gothic ( <i>Tholera decimalis</i> )        | Only the 5th time recorded at this location.                                                                                                     |
| Frosted Orange ( <i>Gortyna flavago</i> )            | Only the 6th time recorded at this location.                                                                                                     |
| Kent Black Arches ( <i>Meganola albula</i> )         | Only the 6th time recorded at this location.                                                                                                     |
| Marbled Yellow Pearl ( <i>Evergestis extimalis</i> ) | A relatively scarce or rare species within Sussex;<br>First time recorded at this location.                                                      |
| Orange Sallow ( <i>Tiliacea citrigo</i> )            | A relatively scarce or rare species within Sussex                                                                                                |
| Pale Eggar ( <i>Trichiura crataegi</i> )             | A relatively scarce or rare species within Sussex;<br>2 is now the highest number recorded during a single survey at this location. The previous |

| Species                                                    | Comment                                                                                     |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------|
|                                                            | highest count was 1.;<br>Only the 4th time recorded at this location.                       |
| Pinion-streaked Snout ( <i>Schrankia costaestrigalis</i> ) | Only the 5th time recorded at this location.                                                |
| Purple Argent ( <i>Argyresthia albistria</i> )             | A relatively scarce or rare species within Sussex;<br>First time recorded at this location. |
| Rosy-striped Knot-horn ( <i>Oncocera semirubella</i> )     | A relatively scarce or rare species within Sussex                                           |
| Small Phoenix ( <i>Ecliptopera silaceata</i> )             | Only the 3rd time recorded at this location.                                                |
| Waste Grass-veneer ( <i>Pediasia contaminella</i> )        | Only the 4th time recorded at this location.                                                |

## Images



Burnished Brass (*Diachrysia chrysitis*)



Feathered Gothic (*Tholera decimalis*)



Frosted Orange (*Gortyna flavago*)



Marbled Yellow Pearl (*Evergestis extimalis*)



Orange Sallow (*Tiliacea citrargo*)



Pale Eggar (*Trichiura crataegi*)



Pinion-streaked Snout (*Schranksia costaeistrigalis*)



Purple Argent (*Argyresthia albistria*)



Small Blood-vein (*Scopula imitaria*)



Small Phoenix (*Ecliptopera silaceata*)

## Notes

The numbers in the **Species Count** section of the **Summary** section only include moths that have been identified to species level.

You can see more details of each species from the [UK Moths website](#) by clicking on the name of the species. This doesn't apply to records at genus level or aggregates.

The Sussex Status is an **unofficial** indication of the likelihood of encountering the species in Sussex based on data sourced from the [Sussex Moth Group](#) website. The number in brackets is the minimum number of times the moth has been recorded in Sussex.

The species comments are primarily sourced from the excellent volumes of **A Revised History of the Butterflies and Moths of Sussex** by C R Pratt.

For further details of the records see [Green Cross Nature](#)

Produced by Chris Chapman ([Plumpton & East Chiltington Wildlife Group](#))