



## Moth Survey Report

### Summary

|                               |                                                                                                                                                                |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Location:                     | Green Cross Cottage, South Garden (TQ3615)                                                                                                                     |
| Date:                         | 03/10/2026                                                                                                                                                     |
| Survey Method(s):             | MV Light                                                                                                                                                       |
| Recorders(s):                 | Chris Chapman                                                                                                                                                  |
| Moth Count:                   | 140                                                                                                                                                            |
| Species Count:<br>(see notes) | 26<br>New for Year: 2<br>New for Location: 1<br>Total new species for Location this Year: 37<br>Species Count for Year: 379<br>Species Total for Location: 568 |
| Non-species Count:            | 0                                                                                                                                                              |
| Notable Record Count:         | 6                                                                                                                                                              |

### Full List

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

| Species                                                    | Count | Type  | Sussex Status        | Comment                                                                                                                                    |
|------------------------------------------------------------|-------|-------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Autumnal Rustic ( <i>Eugnorisma glareaosa</i> ) * NFY      | 1     | Macro | Fairly Common (876)  | Resident. Larval foodplants are a wide variety of unspecified plants and grasses.                                                          |
| Barred Sallow ( <i>Tiliacea aurago</i> ) *                 | 5     | Macro | Common (2,335)       | Resident. The larval foodplants are maple and beech.                                                                                       |
| Beaded Chestnut ( <i>Agrochola lychnidis</i> ) *           | 2     | Macro | Common (2,459)       | Resident. The larvae feed on unspecified grasses and low growing plants.                                                                   |
| Beet Moth ( <i>Scrobipalpa ocellatella</i> ) NFY NFG       | 1     | Micro | Rare (71)            |                                                                                                                                            |
| Black Rustic ( <i>Aporophyla nigra</i> ) *                 | 3     | Macro | Common (4,084)       | Resident. Larvae feed on heather, petty whin, dock, dandelion and foxglove.                                                                |
| Box Tree Moth ( <i>Cydalima perspectalis</i> ) NFY         | 1     | Micro | Common (3,605)       | An introduced, invasive and common resident. First recorded in the UK in 2007 (in Kent). The larval food plant is Box ( <i>Buxus</i> spp.) |
| Brindled Green ( <i>Dryobotodes eremita</i> ) * NFY        | 1     | Macro | Common (1,179)       | Resident. Larvae feed on oak.                                                                                                              |
| Chestnut ( <i>Conistra vaccinii</i> ) *                    | 3     | Macro | Common (4,297)       | Resident. The larvae feed on oak, elm and sallow.                                                                                          |
| Common Wainscot ( <i>Mythimna pallens</i> ) *              | 1     | Macro | Very Common (12,382) | Resident. Larvae feed on various grasses.                                                                                                  |
| Dark Chestnut ( <i>Conistra ligula</i> ) * NFY             | 1     | Macro | Fairly Common (913)  | Resident. This species is in serious decline. The larval foodplants have been listed as hawthorn, sallow and oak.                          |
| Deep-brown Dart ( <i>Aporophyla lueneburgensis</i> ) *     | 1     | Macro | Scarce (371)         | Resident. Larvae feed on unspecified grasses.                                                                                              |
| Green-brindled Crescent ( <i>Allophyas oxyacanthae</i> ) * | 3     | Macro | Common (2,191)       | Resident. Larvae feed on hawthorn, sloe and garden apple.                                                                                  |
| Large Yellow Underwing ( <i>Noctua pronuba</i> ) *         | 8     | Macro | Abundant (32,567)    | Resident reinforced by regular immigration. Larvae                                                                                         |

| Species                                                | Count | Type  | Sussex Status        | Comment                                                                                                                                                                                                                                                         |
|--------------------------------------------------------|-------|-------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                        |       |       |                      | feed on unspecified garden vegetables and flowers.                                                                                                                                                                                                              |
| Light Brown Apple Moth ( <i>Epiphyas postvittana</i> ) | 1     | Micro | Abundant (20,303)    | Resident. First recorded in Sussex record in 1984. The species originated from Australia. Larvae feed on a huge variety of flowers, shrubs and crops.                                                                                                           |
| Lunar Underwing ( <i>Anchoscelis lunosa</i> ) *        | 76    | Macro | Common (7,852)       | Resident. The larval foodplants are grasses (as yet unspecified).                                                                                                                                                                                               |
| Pink-barred Sallow ( <i>Xanthia togata</i> ) *         | 2     | Macro | Common (1,163)       | Resident. The larvae feed firstly on the catkins of willow and then move on to the leaves of other (unspecified) low growing plants.                                                                                                                            |
| Rush Veneer ( <i>Nomophila noctuella</i> )             | 1     | 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> )             | 1     | Micro | Common (7,620)       | Immigrant. Larvae feed on hemp agrimony, strawberry and woundwort.                                                                                                                                                                                              |
| Sallow ( <i>Cirrhia icteritia</i> ) *                  | 2     | Macro | Common (2,741)       | Resident. The larvae feed at first on willow catkins, latter on willow leaves and finally on low-growing plants.                                                                                                                                                |
| Shuttle-shaped Dart ( <i>Agrotis puta</i> ) *          | 1     | Macro | Very Common (10,390) | A common resident species and generally distributed. Double brooded, flying from mid May to mid June and again from late July to late September. An overlapping partial third emergence has become increasingly frequent in late autumn. Larvae feed on unspici |
| Small Mottled Willow ( <i>Spodoptera exigua</i> ) *    | 1     | Macro | Fairly Common (781)  | Immigrant. Larvae have not been recorded in Sussex although they have been found on <i>Persicaria</i> elsewhere.                                                                                                                                                |
| Square-spot Rustic ( <i>Xestia xanthographa</i> ) *    | 13    | Macro | Very Common (13,911) | Resident. Larvae feed on unspecified species of ribbon grass.                                                                                                                                                                                                   |
| Turnip Moth ( <i>Agrotis segetum</i> ) *               | 3     | Macro | Common (5,419)       | Resident sometimes reinforced by immigration. Larval foodplants are the roots of turnips and swedes and some other garden and farm crops.                                                                                                                       |
| Vestal ( <i>Rhodometra sacraria</i> ) *                | 4     | Macro | Common (1,013)       | An immigrant. Larvae have been associated with Knotgrass and Redshank.                                                                                                                                                                                          |
| White-point ( <i>Mythimna albipuncta</i> ) *           | 3     | Macro | Common (7,725)       | Immigrant and episodic resident. Larvae feed on unspecified grasses.                                                                                                                                                                                            |
| Willow Beauty ( <i>Peribatodes rhomboidaria</i> ) *    | 1     | Macro | Abundant (16,389)    | Redsident. Larvae feed on privet, lilac, ivy, honeysuckle, hawthorn, dock, heather and gorse.                                                                                                                                                                   |

## Notable Records

| Species                                              | Comment                                                                                                                                                                 |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Autumnal Rustic ( <i>Eugnorisma glareosa</i> )       | Likely to be only the 5th time recorded in Plumpton & East Chiltington.                                                                                                 |
| Beet Moth ( <i>Scrobipalpa ocellatella</i> )         | A relatively scarce or rare species within Sussex;<br>First time recorded at this location.;<br>Likely to be only the 4th time recorded in Plumpton & East Chiltington. |
| Deep-brown Dart ( <i>Aporophyla lueneburgensis</i> ) | A relatively scarce or rare species within Sussex;<br>Only the 6th time recorded at this location.                                                                      |
| Pink-barred Sallow ( <i>Xanthia togata</i> )         | Only the 6th time recorded at this location.                                                                                                                            |
| Small Mottled Willow ( <i>Spodoptera exigua</i> )    | Only the 6th time recorded at this location.                                                                                                                            |
| Turnip Moth ( <i>Agrotis segetum</i> )               | Only the 6th time recorded at this location.                                                                                                                            |

## Images



Autumnal Rustic (*Eugnorisma glareosa*)



Barred Sallow (*Tiliacea aurago*)



Beaded Chestnut (*Agrochola lychnidis*)



Beet Moth (*Scrobipalpa ocellatella*)



Box Tree Moth (*Cydalima perspectalis*)



Brindled Green (*Dryobotodes eremita*)



Green-brindled Crescent (*Allophyes oxyacanthae*)



Pink-barred Sallow (*Xanthia togata*)



Sallow (*Cirrha icteritia*)



Shuttle-shaped Dart (*Agrotis puta*)



Vestal (*Rhodometra sacraria*)

## Notes

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

An \* by the name of the species indicates that the species has not been verified by the County Recorders yet. In total this applies to 21 records for this survey.

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](#)