

# Sherwood Forest Lepidoptera - Moths

Historical and modern species lists and records - Second Edition 2010



*T. and D. Pendleton*

## Introduction to Sherwood Forest Lepidoptera

### Second edition 2010

The second edition of Sherwood Forest Lepidoptera sees some changes to the general layout of the text in the Complete Site Species List and Records section. The list now features well over 4 000 records, with the addition of records from Proteus Square, Buck Gates and Budby South Forest (Birklands and Bilhaugh SSSI) and Clipstone Old Quarter and Sherwood Heath (Birklands West and Ollerton Corner SSSI) These are in addition to records known to have originated from the Sherwood Forest Country Park area.

As in the first edition, this publication is aimed at providing an accurate record of all Sherwood Forest Lepidoptera recorded from the 1800's, the 1900's, post-2000 records and remains completely up to date with the inclusion of the latest records from 2009.

*Trevor and Dilys Pendleton*  
January 2010

### Included records and recording boundaries

Due to a legal loophole, Natural England had to notify the ancient Sherwood Forest area as two separate Sites of Special Scientific Interest (SSSI) which they continue to regard as representing the whole of the Birklands and Bilhaugh (Sherwood Forest) complex. The two SSSI's are known as Birklands and Bilhaugh and Birklands West and Ollerton Corner. We have included detailed maps of both SSSI's in this edition, which also sees the inclusion of all Coleoptera records from both SSSI's. Records which were sourced to specific areas within either SSSI and where known, are published.

Records included from the following sites located within the two SSSI's.

#### Birklands and Bilhaugh SSSI

Sherwood Forest Country Park	(Birklands and Bilhaugh)
Budby South Forest	(Birklands and Bilhaugh / Budby SF)
Proteus Square	(Birklands and Bilhaugh / Proteus Sq)
Buck Gates	(Birklands and Bilhaugh / Buck Gates)

#### Birklands West and Ollerton Corner SSSI

Sherwood Heath	(Birklands West / Sherwood Heath)
Clipstone Old Quarter	(Birklands West / Clipstone Old Quarter)

To save space in the records section, we have had to abbreviate location names. to a considerable change in the range of species found on site.

Consequently, a record from Proteus Square would be abbreviated to *Birklands and Bilhaugh / Proteus Sq*, or a record from Sherwood Heath would be abbreviated to *Birklands West / Sherwood Heath* etc. Any other records shown only as Birklands West and Ollerton Corner, are from areas away from Sherwood Heath and Clipstone Old Quarter and are largely attributable to areas situated to the west of the Country Park. At the current time, it is thought impractical to abbreviate all of the known sites within the SSSI's and this also serves to avoid the records becoming over complicated to the reader.

### Sourcing records

Many of the records included in the lists, originated from what is now the Sherwood Forest Country Park area, but without accurate grid references or specifically indicated sites for most of the records, we found this could not be guaranteed.

It was our original intention in the 2009 edition, to produce a document which listed records only from the Country Park area, but this idea was soon abandoned by what seemed a greater need for encompassing all of the Sherwood Forest records we had available to us for inclusion.

There had been some limited attempts to produce a species list many years ago, but we felt that there was a huge gap to be filled in gathering all available records together and documenting them properly for the first time and to incorporate records from both SSSI's.

Many of the records were sourced from hand-written lists provided by individuals or the Derbyshire Entomological Society. These were held by staff at the Sherwood Forest Visitor Centre. Many of these lists were extremely vague in their dating, or providing a reference source for these records, leading to some gaps in the main list. Quite often the document was untitled, or had no accompanying note or correspondence to help those reading it.

In a change from the first edition, documents which referenced species' records to BRC Files, dating from 1961-1969, which were included as individual records, now gives these records as 'between 1961 and 1969'.

### Lepidoptera at Sherwood Forest

Sherwood Forest has produced a large variety of species since the late 1800's and through to the present day. Whilst many species which were recorded historically have long since disappeared, new species have successfully colonised the area. Climatic changes over the past hundred years, have almost certainly led

The historical and modern recording of Lepidoptera at Sherwood Forest has continually produced isolated single records of many species, and whilst any species has the ability to be recorded well away from their favoured habitat, some records will always be considered extremely doubtful by county recorders, organisations or document editors. For instance, Carr in his book found many of Sterland's records to be unacceptable, based largely on the lack of supporting evidence. In all lists produced in this document, we have followed Carr's example and omitted Sterland's records which he considered to be doubtful.

One aspect of recording which has not changed since the 1800's, is the lack of attention given by Lepidopterists to the site's micro lepidoptera. Virtually all micro records sourced from Carr's book were attributed to R.E. Brameld, who must have spent many hours in the field recording. Without his work, then much larger gaps would have appeared in the records. As it is, much work is still required to record the many leaf-mining species which Sherwood Forest undoubtedly holds.

## Recent Lepidoptera surveys and recording

A great deal of moth trapping and recording took place at the Visitor Centre during the 1980's and has provided some very useful data, which at some time in the future, will perhaps be used to enable a comparison with more recent records and numbers. A succession of operators and recorders trapped at the Visitor Centre during the 1980's and a Rothamsted trap was also in continuous operation between 1986 and 1990. Unfortunately, less information and records have been forthcoming for the 1990's and early post 2000 periods.

## Lepidoptera new to Sherwood Forest NNR in 2009

The following new species to the NNR were recorded during 2009.

### **Nepticulidae**

<i>Ectoedemia occultella</i>	Birklands and Bilhaugh / Budby SF
<i>Ectoedemia heringi</i>	Birklands and Bilhaugh
<i>Stigmella ruficapitella</i>	Birklands and Bilhaugh
<i>Stigmella svenssoni</i>	Birklands and Bilhaugh
<i>Stigmella crataegella</i>	Birklands and Bilhaugh
<i>Stigmella luteella</i>	Birklands and Bilhaugh

### **Opostigidae**

<i>Opotege saliciella</i>	Birklands and Bilhaugh
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### **Lyonetiidae**

<i>Bucculatrix demaryella</i>	Birklands and Bilhaugh / Budby SF
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### **Incurvariidae**

<i>Incurvaria oehlmanniella</i>	Birklands and Bilhaugh
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### **Gracillariidae**

<i>Phyllonorycter salicicolella</i>	Birklands and Bilhaugh
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### **Yponomeutidae**

<i>Cedestis subfasciella</i>	Birklands West / Clipstone Old Qtr
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### **Coleophoridae**

<i>Coleophora laricella</i>	Birklands and Bilhaugh
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### **Elachistidae**

<i>Elachista apicipunctella</i>	Birklands and Bilhaugh
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### **Oecophoridae**

<i>Denisia similella</i>	Birklands and Bilhaugh
<i>Batia unitella</i>	Birklands and Bilhaugh

### **Gelechiidae**

<i>Parachronistis albiceps</i>	Birklands and Bilhaugh
<i>Carpatolechia fugitivella</i>	Birklands and Bilhaugh
<i>Mirificarma mulinella</i>	Birklands and Bilhaugh

### **Momphidae**

<i>Mompha oracheella</i>	Birklands and Bilhaugh
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### **Tortricidae**

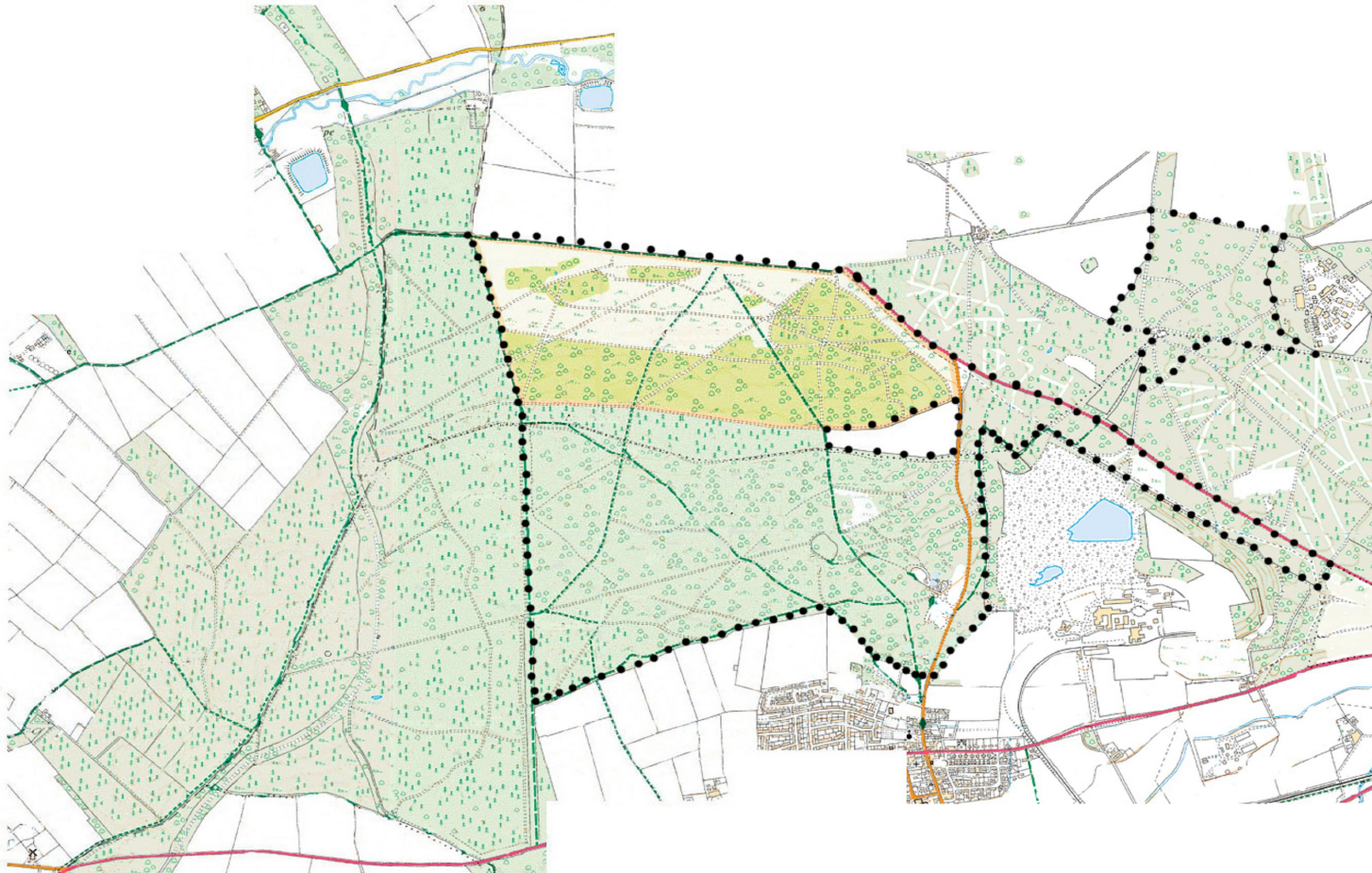
<i>Cochylis atricapitana</i>	Birklands and Bilhaugh
<i>Eana incanana</i>	Birklands and Bilhaugh
<i>Acleris cristana</i>	Birklands and Bilhaugh
<i>Acleris hyemana</i>	Birklands and Bilhaugh / Budby SF
<i>Acleris hastiana</i>	Birklands and Bilhaugh
<i>Ancylis uncella</i>	Birklands and Bilhaugh
<i>Ancylis upupana</i>	Birklands and Bilhaugh
<i>Pammene rhediella</i>	Birklands and Bilhaugh
<i>Dichrorampha alpinana</i>	Birklands and Bilhaugh
<i>Rhyacionia pinicolina</i>	Birklands and Bilhaugh / Budby SF

### **Geometridae**

Juniper Carpet	Birklands and Bilhaugh / Budby SF
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## Map Birklands and Bilhaugh SSSI

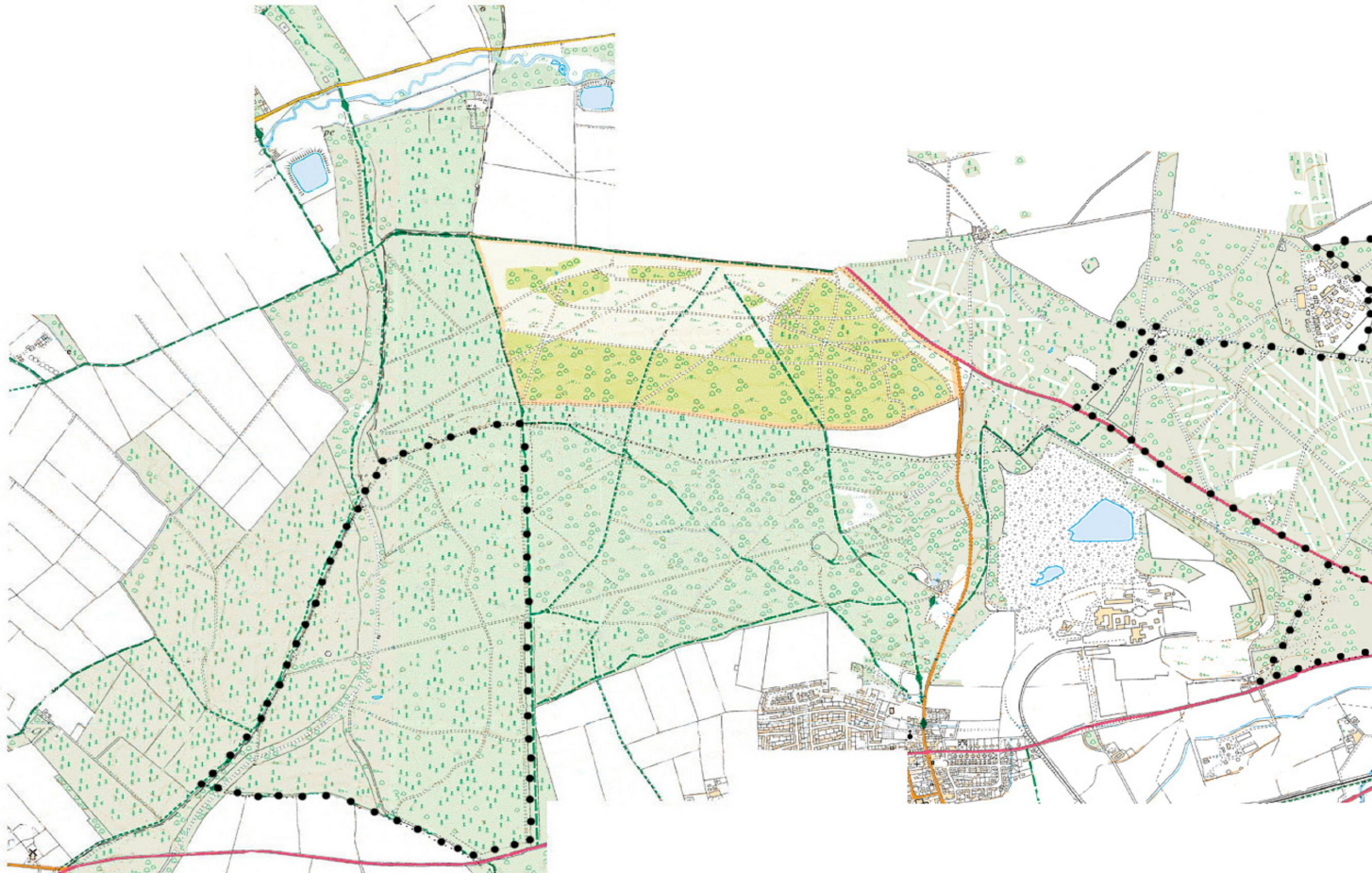
Computer generated map showing the two sections of the Birklands and Bilhaugh SSSI. The star shaped section in the upper right of the map represents Proteus Square





## Map Birklands West and Ollerton Corner SSSI

Computer generated map showing the two sections of the Birklands West and Ollerton Corner SSSI. Sherwood Heath is the small triangular section in the lower right of the map.



## Species' records and recorder credits

All historical records sourced from J.W. Carr's "*The Invertebrate Fauna of Nottinghamshire*" were listed in the book as Sherwood Forest. It is presumed that many records listed as being Sherwood Forest, originated from the Birklands and Bilhaugh SSSI area and were categorised as Sherwood Forest prior to publication.

We have not listed any species which Carr commented as being widespread throughout the county, unless specifically stating a Sherwood Forest record, or any of Sterland's records that Carr considered to be doubtful. It should also be noted that Sterland recorded a large number of species which other recorders failed to find and many of his records could be considered doubtful by today's records criteria.

The intention of this list and those featuring other invertebrate groups, is to provide records of species' occurrences by year, from sites within the Sherwood Forest NNR. Not all the known/recorded sites contained within the NNR, are specifically listed at the request of the observer(s) who supplied the original records. These sites are strictly private and there is no public admittance and recording is only allowed to take place with the owner's consent.

In order to save space in the records section, records of single species when trapped by multiple observers on a single night, or on several nights, are credited to the recorder(s) *etal*. (Recorder being those who either supplied the record directly to us, or gave their permission for use in the list when sourced from other publications)

Examples of multiple recorder records found in the following Sherwood Forest NNR list are given below.

**Wright, S. and Osborne, J.E. *etal* 2004** - Additional observers/recorders from the following list:- Howat, C. Aitken, A.O. and Fox, D.G.

**Wright, S. and Osborne, J.E. *etal* 2005** - Additional observers/recorders from the following list:- Frost, D.G. and Saunders, P.

**Wright, S. and Osborne, J.E. *etal* 2006** - Additional observers/recorders from the following list:- Howat, C. Woodward, R. and Beasley, N.

**Wright, S. and Osborne, J.E. *etal* 2007** - Additional observers/recorders from the following list:- Woodward, R. and Beasley, N.

**Hursthouse, D. *etal* 2009** - Additional observers/recorders from the following list:- Leach, I. Harte, K. Woodward, R. Beasley, N. Baker, P. Ashford, K. and Dawson, M.

**Green, D. *etal* 2009** - Numerous observers/recorders on Welsh Clearwing event organised by Butterfly Conservation

## Sources of reference

- Ref: 1.** Carr, J.W. (1916) *The Invertebrate Fauna of Nottinghamshire*. Nottingham: J.& H. Bell Ltd.
- Ref: 2.** Harding, P.T. (1976) et seq *The Invertebrate Fauna of Mature Timber Habitat*. Series of unpublished reports to the N.C.C. 1976-1978
- Ref: 5.** Shirt, D.B. ed. (1987) British Red Data Books: 2 Insects (1987) Nature Conservancy Council, Peterborough
- Ref: 10.** Carr, J.W. (1935) *The Invertebrate Fauna of Nottinghamshire. Supplement*. Nottingham: J.& H. Bell Ltd.
- Ref: 19.** BRC Files
- Ref: 34.** Prance, D.A. (1982) *Carpophilus sexpustulatus* (Fabr.) (Col.:Nitidulidae) in Surrey with a note on it's habits in Britain. *Entomologist's Record and Journal of Variation*, 94:59.
- Ref: 36.** Pendleton, T.A. and Pendleton, D.T. Privately held record (published)
- Ref: 47.** Anon. (1973) Butterflies and Moths in 1973. *Derbyshire Entomological Society Quarterly Journal* No 34: 373-381.
- Ref: 49.** Viles, I. (1990) Lepidoptera Report 1989, Part 2. *Derbyshire Entomological Quarterly Journal*, No 98: 20-30.
- Ref: 50.** Harrison, F. (1984) Annual Lepidoptera Report, part 2. *Derbyshire Entomological Society Quarterly Journal*, 78, 10-18.
- Ref: 51.** Harrison, F. (1983) Annual Lepidoptera Report, part 2. *Derbyshire Entomological Society Quarterly Journal*, 74, 13-20.
- Ref: 52.** Harrison, F. (1979) *Notes concerning the status and distribution of the less common species of Nottinghamshire*
- Ref: 54.** Statham, B.L. (1989) Annual Lepidoptera Report, part 2: moths. *Derbyshire Entomological Society Quarterly Journal*, Winter 1988: 11-18.
- Ref: 56.** Pendleton, T.A. and Pendleton, D.T. (2006) *The current status and distribution of Psychidae Moths in Nottinghamshire*.
- Ref: 57.** Bee, L. and Sterling, M.J. (1982) *Unpublished Sherwood Forest Visitor Centre trapping records*.

Ref: 58. **Bee, L. and Sterling, M.J.** (1983) *Unpublished Sherwood Forest Visitor Centre trapping records*

Ref: 59. **Bee, L. and Sterling, M.J.** (1984) *Unpublished Sherwood Forest Visitor Centre trapping records*

Ref: 60. **Bee, L. and Riley, A.M.** (1985) *Unpublished Sherwood Forest Visitor Centre trapping records*

Ref: 61. **Bee, L. and Parrack, J.D.** (1987) *Unpublished Sherwood Forest Visitor Centre trapping records*

Ref: 62. **Bee, L. and Parrack, J.D.** (1988) *Unpublished Sherwood Forest Visitor Centre trapping records*

Ref: 63. **Tillotson, I.** (1986) *Unpublished Sherwood Forest Visitor Centre trapping records*

Ref: 64. **Sterling, M.J.** (1984) Annual Lepidoptera Report, part 3. (Micro-lepidoptera) *Derbyshire Entomological Society Quarterly Journal*, 75. 13-.

Ref: 65. **Sterling, M.J.** (1984) Annual Lepidoptera Report, part 3. (Micro-lepidoptera) *Derbyshire Entomological Society Quarterly Journal*, 79. 8-14.

Ref: 68. **Sherwood Forest Visitor Centre, Rothamsted Trap Results 1986-1990**

Ref: 73. **Joynt, G.** Privately held record (published)

Ref: 82. **Wright, S.** (2004) *Nottinghamshire Macro Moth Report 2003*

Ref: 83. **Wright, S.** (2005) *Nottinghamshire Macro Moth Report 2004*

Ref: 84. **Wright, S.** (2006) *Nottinghamshire Macro Moth Report 2005*

Ref: 85. **Wright, S.** (2007) *Nottinghamshire Macro Moth Report 2006*

Ref: 86. **Wright, S.** (2008) *Nottinghamshire Macro Moth Report 2007*

Ref: 88. **Orpe, K.J.** *Derbyshire Entomological Society Moth Watch Report 11/07/86*

Ref: 90. **Wright, S.** 2001. *The Conservation Status of Lepidoptera in Nottinghamshire. Second edition*, December 2001. Nottingham Natural History Museum.

Ref: 95. **Woodward, R.** Privately held record

Ref: 96. **Derbyshire and Nottinghamshire Entomological Society** Database

Ref: 97. **Grey, M.** Privately held record

Ref: 98. **Hursthouse, D.** Privately held record

Ref: 99. **Pyke, M.** Privately held record

Ref: 103. **Wright, S.** (2009) *Nottinghamshire Macro Moth Report 2008*

Ref: 104. **Godfrey, A.** (2003) *Sherwood Heath SSSI Invertebrate Survey. A report to Sherwood Forest Trust* March 2004

Ref: 105. **Godfrey, A.** (2004) *Sherwood Heath SSSI Invertebrate Survey. A report to Sherwood Forest Trust*, January 2005

Ref: 109. **Hursthouse, D.** Privately held record, via email correspondence

Ref: 111. **Binding, A. and Binding, A.E.** Survey of Hazel Pot Beetle *Cryptocephalus coryli* at Sherwood Forest NNR, Nottinghamshire 2009. A report to Natural England.

## **Micropterigidae**

### **Micropterix**

4 <i>Micropterix aruncella</i>	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
5 <i>Micropterix calthella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

## **Eriocraniidae**

6 <i>Eriocrania subpurpurella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
8 <i>Eriocrania unimaculella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
9 <i>Eriocrania sparrmannella</i>	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
11 <i>Eriocrania cicatricella</i>	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
12 <i>Eriocrania sangii</i>	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh / Budby SF	Ref: 36
13 <i>Eriocrania semipurpurella</i>	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	Ref: 36



## *Hepialidae*

14 <i>Hepialus humuli</i> <b>Ghost Moth</b>	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
15 <i>Hepialus sylvina</i> <b>Orange Swift</b>	Brameld, R.E. Harman, T.W. 1975 Elliot, B. 1981 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Motteram, M. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 1987 Bee, L. and Parrack, J.D. 1988 1988 1989 1990 Elliott, B. 1996 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 81 Ref: 81 Ref: 57 Ref: 58 Ref: 81 Ref: 60 Ref: 63 Ref: 68 Ref: 68 Ref: 62 Ref: 68 Ref: 68 Ref: 68 Ref: 96 Ref: 109
16 <i>Hepialus hecta</i> <b>Gold Swift</b>	Harrison, F. 1967 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 81 Ref: 55
17 <i>Hepialus lupulinus</i> <b>Common Swift</b>	Sterland, Brameld, R.E. Tryer, R. Tryer, W. and Porritt, G.T. Tillotson, I. 1986 Orpe, K.J. 1986 1986 1987 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 1989 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1 Ref: 63 Ref: 88 Ref: 68 Ref: 68 Ref: 61 Ref: 62 Ref: 68 Ref: 36
18 <i>Hepialus fusonebulosa</i> <b>Map-winged Swift</b>	Between 1961 and 1969 Harrison, F. 1967 Harrison, F. 1969 Bee, L. and Sterling, M.J. 1982 Young, D.A. 1982 Young, D.A. 1983 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 19 Ref: 81 Ref: 81 Ref: 57 Ref: 81 Ref: 81 Ref: 58 Ref: 60 Ref: 63

1986	Birklands and Bilhaugh	Ref: 68
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
1987	Birklands and Bilhaugh	Ref: 68
Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
1988	Birklands and Bilhaugh	Ref: 68
1989	Birklands and Bilhaugh	Ref: 68
1990	Birklands and Bilhaugh	Ref: 68
Wright, S. and Osborne, J.E. <i>etal</i> 2006	Birklands West / Sherwood Heath	Ref: 85
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
Wright, S. and Osborne, J.E. 2008	Birklands West and Ollerton Corner	Ref: 103

## Nepticulidae

34 <i>Ectoedemia occultella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
37 <i>Ectoedemia albifasciella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
39 <i>Ectoedemia heringi</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
50 <i>Stigmella aurella</i>	Pendleton, T.A. and Pendleton, D.T. 2006 Godfrey, A. 2006 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr Birklands West / Sherwood Heath Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 36 Ref: 108 Ref: 36 Ref: 36 Ref: 55 Ref: 36 Ref: 36
77 <i>Stigmella tityrella</i>	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
84 <i>Stigmella ruficapitella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
86 <i>Stigmella roborella</i>	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 56
87 <i>Stigmella svenssoni</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
92 <i>Stigmella anomalella</i>	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh / Budby SF	Ref: 36
99 <i>Stigmella hybnerella</i>	Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 36 Ref: 36
108 <i>Stigmella crataegella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
112 <i>Stigmella luteella</i>	Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 36 Ref: 36

116	<i>Stigmella lapponica</i>	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Sherwood Heath	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36

## ***Opostigidae***

119	<i>Opostega saliciella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
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## ***Tischeriidae***

123	<i>Tischeria ekebladella</i>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
		Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
		Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
125	<i>Emmetia marginea</i>	Pendleton, T.A. and Pendleton, D.T. 2005	Birklands West / Clipstone Old Qtr	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36

## ***Incurvariidae***

### ***Incurvariinae***

129	<i>Incurvaria pectinea</i>	Lady Robinson	Birklands and Bilhaugh	Ref: 1
		Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh / Budby SF	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
130	<i>Incurvaria masculella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
		Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
131	<i>Incurvaria oehlmanniella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
132	<i>Incurvaria praelatella</i>	Elliott, B. and Culpin, J. 1971	Edwinstowe	Ref: 96

<b>Adelinae</b>	136 <i>Lampronia rubiella</i>	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
	140 <i>Nematopogon swammerdamella</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 36 Ref: 36 Ref: 36 Ref: 55
	141 <i>Nematopogon schwarziellus</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58
	143 <i>Nematopogon metaxella</i>	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	148 <i>Nemophora degeerella</i>	Brameld, R.E. Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008 Hursthouse, D. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 61 Ref: 62 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 55 Ref: 98 Ref: 36
	150 <i>Adela reamurella</i>	Brameld, R.E. Elliott, B. and Hepworth, A. 1961 Elliott, B. Budworth, D. and Travers-Ayre, I. 1995 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 1 Ref: 96 Ref: 96 Ref: 36 Ref: 36 Ref: 55 Ref: 36 Ref: 36 Ref: 36
	152 <i>Adela rufimitrella</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 36
	<b>Heliozelidae</b>			
	157 <i>Heliozela hammoniella</i>	Elliott, B. 1995	Birklands and Bilhaugh / Budby SF	Ref: 96

## Cossidae

### Zeuzerinae

161 *Zeuzera pyrina*  
**Leopard Moth**

Brameld, R.E.  
Wright, S. and Osborne, J.E. 2006  
Howat, C. and Beasley, N. 2006

Birklands and Bilhaugh  
Birklands West / Sherwood Heath  
Birklands West / Sherwood Heath

Ref: 1  
Ref: 85  
Ref: 85

### Cossinae

162 *Cossus cossus*  
**Goat Moth**

Brameld, R.E.

Birklands and Bilhaugh

Ref: 1

## Zygaenidae

### Procridinae

163 *Adscita statices*  
**Forester**

Sterland  
Brameld, R.E.  
Hardy, J.R.  
1916  
Pendleton, T.A. and Pendleton, D.T. 2007  
Pendleton, T.A. and Pendleton, D.T. 2008

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF

Ref: 1  
Ref: 1  
Ref: 1  
Ref: 1  
Ref: 36  
Ref: 36

### Zygaeninae

169 *Zygaena filipendulae*  
**Six-spot Burnet**

Sterland and Brameld, R.E.  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands West / Sherwood Heath  
Birklands and Bilhaugh / Budby SF

Ref: 1  
Ref: 36  
Ref: 36  
Ref: 36

170 *Zygaena trifolii*  
**Five-spot Burnet**

Sterland

Birklands and Bilhaugh

Ref: 1

### Zygaeninae

171 *Zygaena lonicerae*  
**Narrow-bordered Five-spot Burnet**

Harrison, F. 1982  
Harrison, F. 1983

Birklands and Bilhaugh  
Birklands and Bilhaugh

Ref: 81  
Ref: 81

## Psychidae

### Solenobiinae

175 *Narycia duplicella*

Pendleton, T.A. and Pendleton, D.T. 2006  
Pendleton, T.A. and Pendleton, D.T. 2006  
Pendleton, T.A. and Pendleton, D.T. 2007  
Pendleton, T.A. and Pendleton, D.T. 2007  
Pendleton, T.A. and Pendleton, D.T. 2007  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2008

Birklands and Bilhaugh  
Birklands West / Clipstone Old Qtr  
Birklands West / Clipstone Old Qtr  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands West / Clipstone Old Qtr  
Birklands and Bilhaugh

Ref: 56  
Ref: 56  
Ref: 36  
Ref: 36  
Ref: 36  
Ref: 36  
Ref: 55

177 *Dahlica inconspicuell*

Elliott, B. 1997  
Pendleton, T.A. and Pendleton, D.T. 2006  
Pendleton, T.A. and Pendleton, D.T. 2006  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh / Budby SF  
Birklands West / Clipstone Old Qtr  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Birklands West / Clipstone Old Qtr

Ref: 96  
Ref: 56  
Ref: 56  
Ref: 36  
Ref: 36

### Taleporiinae

180 *Diplodoma laichartingella*

Pendleton, T.A. and Pendleton, D.T. 2006

Birklands West / Clipstone Old Qtr

Ref: 56

		Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	Ref: 56
		Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh / Budby SF	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	181 <i>Taleporia tubulosa</i>	Elliott, B. 1997	Birklands and Bilhaugh / Budby SF	Ref: 96
		Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	Ref: 56
		Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh / Budby SF	Ref: 56
		Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
<b><i>Psychinae</i></b>	186 <i>Psyche caste</i>	Pendleton, T.A. and Pendleton, D.T. 2005	Birklands West / Clipstone Old Qtr	Ref: 56
		Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 56
		Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 56
		Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh / Budby SF	Ref: 56
		Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 56
		Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	Ref: 56
		Baker, P. 2007	Birklands and Bilhaugh / Budby SF	Ref: 96
		Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh / Budby SF	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
<b><i>Tineidae</i></b>				
<b><i>Scardiinae</i></b>	196 <i>Morophaga choragella</i>	1988	Birklands and Bilhaugh	Ref: 67
		Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
<b><i>Nemapogoninae</i></b>	215 <i>Nemapogon granella</i> <b>Corn Moth</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	216 <i>Nemapogon cloacella</i> <b>Cork Moth</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
		Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
		Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
		Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
		Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh / Budby SF	Ref: 36



## Tineinae

		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
225	<i>Triaxomera fulvimitrella</i>	1987	Birklands and Bilhaugh	Ref: 66
		Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	227 <i>Monopis laevigella</i>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	<b>Skin Moth</b>	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
		Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh / Budby SF	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	228 <i>Monopis weaverella</i>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
		Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
		Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	234 <i>Trichophaga tapetzella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	<b>Tapestry Moth</b>			
	236 <i>Tineola biselliella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	<b>Common Clothes Moth</b>			
	237 <i>Niditinea fuscella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	<b>Brown-dotted Clothes Moth</b>			
	240 <i>Tinea pellionella</i>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
		Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	245 <i>Tinea pallescentella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	<b>Large Pale Clothes Moth</b>			
	246 <i>Tinea semifulvella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
		Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
		Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
		Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF	Ref: 36
	247 <i>Tinea trinotella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
		Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
		Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
		Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
		Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96

## **Lyonetiidae**

### **Cemiostominae**

260	<i>Leucoptera malfoliella</i> <b>Pear Leaf Blister Moth</b>	1984 Godfrey, A. 2006	Birklands and Bilhaugh Birklands West / Sherwood Heath	Ref: 65 Ref: 108
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### **Lyonetiinae**

263	<i>Lyonetia clerkella</i> <b>Apple Leaf Miner</b>	Brameld, R.E. Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2006 Godfrey, A. 2006 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Sherwood Heath Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Sherwood Heath	Ref: 1 Ref: 61 Ref: 36 Ref: 108 Ref: 36 Ref: 55 Ref: 36 Ref: 36 Ref: 36 Ref: 36
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### **Bucculatriginae**

276	<i>Bucculatrix demaryella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
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## **Gracillariidae**

### **Gracillariinae**

281	<i>Caloptilia populetorum</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
282	<i>Caloptilia elongella</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 36
283	<i>Caloptilia betulicola</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Sterling, M.J. 1984 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 57 Ref: 58 Ref: 59 Ref: 61 Ref: 62 Ref: 36 Ref: 36
284	<i>Caloptilia rufipennella</i>	Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 61 Ref: 62
286	<i>Caloptilia alchimiella</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 62 Ref: 55 Ref: 36 Ref: 36
287	<i>Caloptilia robustella</i>	Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 58 Ref: 55

	Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 36 Ref: 109
288 <i>Caloptilia stigmatella</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58 Ref: 55
293 <i>Caloptilia syringella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
296 <i>Calybites phasianipennella</i>	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
297 <i>Eucalybites auroguttella</i>	Elliott, B. 1995	Birklands and Bilhaugh / Budby SF	Ref: 96
301 <i>Parornix betulae</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57
303 <i>Parornix anglicella</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 36
304 <i>Parornix devoniella</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 36
309 <i>Deltaornix torquillella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
310 <i>Callisto denticulella</i>	Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 36 Ref: 36
313 <i>Acrocerops brogniardella</i>	Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 36 Ref: 55 Ref: 36
<b>Lithocolletinae</b>			
315 <i>Phyllonorycter harrisella</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Sherwood Heath	Ref: 1 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
316 <i>Phyllonorycter roboris</i>	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
320 <i>Phyllonorycter quercifoliella</i>	Brameld, R.E. Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2004 Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 61 Ref: 36 Ref: 36 Ref: 36

	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
321 <i>Phyllonorycter messaniella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
323 <i>Phyllonorycter oxyacanthae</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
329 <i>Phyllonorycter spinicolella</i>	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
332 <i>Phyllonorycter corylifoliella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
335 <i>Phyllonorycter salicicolella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
341 <i>Phyllonorycter maestingella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
353 <i>Phyllonorycter ulmifoliella</i>	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
361 <i>Phyllonorycter trifasciella</i>	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
364 <i>Phyllonorycter geniculella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36

## Sesiidae

### Paranthreninae

374 <i>Synanthedon vespiformis</i> <b>Yellow-legged Clearwing</b>	Dennis, G. and Simmons, C.W. 1877	Birklands and Bilhaugh	Ref: 1
	Elliott, B. 1997	Birklands and Bilhaugh / Budby SF	Ref: 96
	Woodward, R. 2009	Birklands and Bilhaugh	Ref: 95
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36

376 *Synanthedon scoliaeformis*  
**Welsh Clearwing**

Joynt, G. 2008  
Woodward, R. and Beasley, N. 2009  
Joynt, G. 2009  
Hursthouse, D. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Grey, M. 2009  
Pyke, M. 2009  
Green, D. *etal* 2009  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands West / Clipstone Old Qtr

Ref:73  
Ref: 95  
Ref:73  
Ref: 98  
Ref: 36  
Ref: 36  
Ref: 97  
Ref: 99  
Ref:73  
Ref: 36

379 *Synanthedon myopaeformis*  
**Red-belted Clearwing**

Sterland

Birklands and Bilhaugh

Ref: 1

381 *Synanthedon culiciformis*  
**Large Red-belted Clearwing**

Braddock, A. 1983  
Elliott, B. 1997  
1998  
1999  
Wright, S. and Lewis, N. 2003  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Birklands and Bilhaugh

Ref: 81  
Ref: 96  
Ref: 90  
Ref: 90  
Ref: 82  
Ref: 36  
Ref: 36

## Choreutidae

385 *Anthophila fabriciana*  
**Nettle-tap**

Brameld, R.E.  
Pendleton, T.A. and Pendleton, D.T. 2007  
Baker, P. 2007  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands West / Clipstone Old Qtr  
Birklands and Bilhaugh

Ref: 1  
Ref: 36  
Ref: 96  
Ref: 36  
Ref: 55  
Ref: 36  
Ref: 36  
Ref: 36

388 *Prochoreutis myllerana*

Brameld, R.E.

Birklands and Bilhaugh

Ref: 1

## Glyphipterigidae

391 *Glyphipteryx simpliciella*

Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands West / Clipstone Old Qtr  
Birklands West / Clipstone Old Qtr  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF

Ref: 36  
Ref: 36  
Ref: 36  
Ref: 36

396 *Glyphipteryx fuscoviridella*

Brameld, R.E.

Birklands and Bilhaugh

Ref: 1

## ***Yponomeutidae***

### ***Argyresthiinae***

410 <i>Argyresthia brockeella</i>	Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 58 Ref: 36
411 <i>Argyresthia goedartella</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands West / Sherwood Heath Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 36 Ref: 36 Ref: 36 Ref: 55 Ref: 36 Ref: 36 Ref: 98 Ref: 36 Ref: 109
413 <i>Argyresthia sorbiella</i>	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
414 <i>Argyresthia curvella</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 36
415 <i>Argyresthia retinella</i>			
418 <i>Argyresthia conjugella</i>	Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 58 Ref: 61 Ref: 36
419 <i>Argyresthia semifusca</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 62
420 <i>Argyresthia pruniella</i> <b>Cherry Fruit Moth</b>	Bee, L. and Parrack, J.D. 1988 Elliott, B. 1997	Birklands and Bilhaugh Birklands West & Ollerton Corner	Ref: 62 Ref: 96
421 <i>Argyresthia bonnetella</i>	Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 61 Ref: 62
422 <i>Argyresthia albistria</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
424 <i>Yponomeuta evonymella</i> <b>Bird-cherry Ermine</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 61



	Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 55 Ref: 36
425 <i>Yponomeuta padella</i> <b>Orchard Ermine</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
427 <i>Yponomeuta cagnagella</i> <b>Spindle Ermine</b>	Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 55 Ref: 36
430 <i>Yponomeuta plumbella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
436 <i>Pseudoswammerdamia combinella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
437 <i>Swammerdamia caesiella</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 36
438 <i>Swammerdamia pyrella</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 55
441 <i>Paraswammerdamia lutarea</i>	Elliott, B. Budworth, D. and Travers-Ayre, I. Elliott, B. 1995	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 96 Ref: 96
442 <i>Cedestis gysseleniella</i>	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
443 <i>Cedestis subfasciella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
445 <i>Ocnerostoma friesei</i>	Elliott, B. 1997 Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF	Ref: 96 Ref: 36 Ref: 36
449 <i>Prays fraxinella</i> <b>Ash Bud Moth</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
453 <i>Ypsolopha dentella</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 55
455 <i>Ypsolopha scabrella</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58 Ref: 61 Ref: 62 Ref: 55
458 <i>Ypsolopha alpella</i>	Elliott, B. 1996	Birklands and Bilhaugh / Budby SF	Ref: 96
460 <i>Ypsolopha parenthesella</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 61 Ref: 55

		Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 36 Ref: 109 Ref: 109
461	<i>Ypsolopha ustella</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 57 Ref: 58 Ref: 36
462	<i>Ypsolopha sequella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
463	<i>Ypsolopha vittella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
464	<i>Plutella xylostella</i> <b>Diamond-back Moth</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Sterling, M.J. 1984 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 57 Ref: 58 Ref: 59 Ref: 61 Ref: 62 Ref: 36 Ref: 36 Ref: 55 Ref: 36 Ref: 109 Ref: 36 Ref: 36
<b>Orthoteliinae</b>	470 <i>Orthotaelia sparganella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
<b>Epermeniidae</b>				
	478 <i>Phaulemis fulvigutella</i>	Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 36 Ref: 55 Ref: 36
	483 <i>Epermenia chaerophyllella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
<b>Schreckensteiniidae</b>				
	485 <i>Schreckensteinia festaliella</i>	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
<b>Coleophoridae</b>				
	490 <i>Coleophora lutipennella</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 36

493 <i>Coleophora serratella</i>	Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands West / Sherwood Heath	Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
494 <i>Coleophora coracipennella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
496 <i>Coleophora milvipennis</i>	Elliott, B. 1996	Birklands and Bilhaugh / Budby SF	Ref: 96
504 <i>Coleophora lusciniapennella</i>	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh / Budby SF	Ref: 36
513 <i>Coleophora potenillae</i>	Elliott, B. 1997	Birklands and Bilhaugh / Budby SF	Ref: 96
515 <i>Coleophora albitarsella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
523 <i>Coleophora hemerobiella</i>	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
524 <i>Coleophora lithargyrinella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
526 <i>Coleophora laricella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
541 <i>Coleophora pyrrhulipennella</i>	Elliott, B. 1997 Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 96 Ref: 36
559 <i>Coleophora peribenanderi</i>	Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 36 Ref: 36 Ref: 36
560 <i>Coleophora paripennella</i>	Elliott, B. 1997	Birklands and Bilhaugh / Buck Gates	Ref: 96
584 <i>Coleophora alticolella</i>	Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 36 Ref: 36
587 <i>Coleophora caespititiella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

## ***Elachistidae***

601 <i>Elachista albifrontella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
602 <i>Elachista apicipunctella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
608 <i>Elachista rufocinerea</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
609 <i>Elachista maculierusella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
610 <i>Elachista argentella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
<b>Oecophoridae</b>			
<b>Oecophorinae</b>			
636 <i>Denisia similella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
640 <i>Batia lunaris</i>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
641 <i>Batia lambdella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
642 <i>Batia unitella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
647 <i>Hofmannophila pseudospretella</i> <b>Brown House-moth</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
648 <i>Endrosis sarcitrella</i> <b>White-shouldered House-moth</b>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
649 <i>Esperia sulphurella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
658 <i>Carcina quercana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109

	659 <i>Amphibastis incongruella</i>	Elliott, B. 1997	Birklands and Bilhaugh / Budby SF	Ref: 96
	661 <i>Pseudatemelia flavifrontella</i>			
<b>Chimadachinae</b>	663 <i>Diurnea fagella</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Sterling, M.J. 1984 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 57 Ref: 58 Ref: 59 Ref: 61 Ref: 62 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 55 Ref: 36 Ref: 36 Ref: 36
	664 <i>Diurnea lipsiella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
<b>Depressariinae</b>	666 <i>Semioscopis avellanella</i>	Lady Robinson Bee, L. and Sterling, M.J. 1982 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 62 Ref: 36 Ref: 36
	672 <i>Depressaria heraclei</i> <b>Parsnip Moth</b>	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	688 <i>Agonopterix heracliana</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Sterling, M.J. 1984 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 59 Ref: 61 Ref: 62 Ref: 36
	689 <i>Agonopterix ciliella</i>	Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 61 Ref: 62
	695 <i>Agonopterix alstromeriana</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 58 Ref: 36
	696 <i>Agonopterix propinquella</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57

	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
697 <i>Agonopterix arenella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
701 <i>Agonopterix ocellana</i>	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF	Ref: 36
705 <i>Agonopterix umbellana</i>	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
706 <i>Agonopterix nervosa</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
709 <i>Agonopterix liturosa</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
713 <i>Agonopterix angelicella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
714 <i>Agonopterix yeatiana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
<b>Gelechiidae</b>			
<b><i>Aristoteliinae</i></b>			
724 <i>Metzneria lappella</i>	Pendleton, T.A. and Pendleton, D.T. 2005	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
726 <i>Metzneria metzneriella</i>	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
728 <i>Monochroa cytisella</i>	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
<b><i>Gelechiinae</i></b>			
752 <i>Aristotelia ericinella</i>	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh / Budby SF	Ref: 36
755 <i>Stenolechia gemmella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
756 <i>Parachronistis albiceps</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
758 <i>Recurvaria leucatella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
762 <i>Athrips mouffetella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1



764	<i>Pseudotelphusa scalella</i>	1916 Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 64 Ref: 36
767	<i>Carpatolechia decorella</i>	Brameld, R.E. Elliott, B. 1997	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 96
768	<i>Carpatolechia notatella</i>	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
770	<i>Carpatolechia proximella</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58 Ref: 62 Ref: 36 Ref: 55 Ref: 36
771	<i>Carpatolechia alburnella</i>	Elliott, B. 1996 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 96 Ref: 36
772	<i>Carpatolechia fugitivella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
773	<i>Pseudotelphusa paripunctella</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58 Ref: 61 Ref: 62
774	<i>Teliodes luculella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
776	<i>Teleiopsis diffinis</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
786	<i>Bryotropha desertella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
787	<i>Bryotropha terrella</i>	Brameld, R.E. Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 62
789	<i>Bryotropha domestica</i>	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
792	<i>Mirificarma mulinella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
797	<i>Neofaculta ericetella</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 36 Ref: 55 Ref: 36 Ref: 36 Ref: 36
819	<i>Scrobipalpa costella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36

	834 <i>Caryocolum fricolorella</i>			
<b>Anacampsinae</b>	841 <i>Sophronia semicostella</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 36
	853 <i>Anacampsis populella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	854 <i>Anacampsis blattariella</i>	Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 58 Ref: 55 Ref: 36 Ref: 109
<b>Chelariinae</b>	858 <i>Hypatima rhomboidella</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 55 Ref: 36 Ref: 109 Ref: 36
<b>Dichomeriinae</b>	866 <i>Brachmia blandella</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58
	868 <i>Helcystogramma rufescens</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58 Ref: 61 Ref: 62 Ref: 55 Ref: 36
<b>Blastobasidae</b>				
	873 <i>Blastobasis adustella</i>	Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 55 Ref: 36 Ref: 109 Ref: 109
	874 <i>Blastobasis lacticolella</i>	Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Sherwood Heath Birklands and Bilhaugh	Ref: 61 Ref: 55 Ref: 36 Ref: 36 Ref: 109

## **Momphidae**

### **Batrachedrinae**

878 *Batrachedra preangustea*

879 *Batrachedra pinicilella*

1982

Birklands and Bilhaugh

Ref: 51

### **Momphinae**

883 *Mompha raschkiella*

Bee, L. and Sterling, M.J. 1982  
Bee, L. and Sterling, M.J. 1983  
Bee, L. and Parrack, J.D. 1988  
Elliot, B. Budworth, D. and Travers-Ayre, I. 1995  
Godfrey, A. 2006  
Pendleton, T.A. and Pendleton, D.T. 2007  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
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Birklands and Bilhaugh  
Birklands West / Sherwood Heath  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands West / Sherwood Heath  
Birklands West / Clipstone Old Qtr

Ref: 57  
Ref: 58  
Ref: 62  
Ref: 96  
Ref: 108  
Ref: 36  
Ref: 55  
Ref: 36  
Ref: 36  
Ref: 36

885 *Mompha conturbatella*

Bee, L. and Sterling, M.J. 1982  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh

Ref: 57  
Ref: 36

886 *Mompha oracheella*

Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh

Ref: 36

887 *Mompha lacteella*

Pendleton, T.A. and Pendleton, D.T. 2008

Birklands West / Clipstone Old Qtr

Ref: 36

888 *Mompha propinquella*

Bee, L. and Sterling, M.J. 1983

Birklands and Bilhaugh

Ref: 58

889 *Mompha divisella*

891 *Mompha sturnipenella*

Pendleton, T.A. and Pendleton, D.T. 2007  
Pendleton, T.A. and Pendleton, D.T. 2008

Birklands West / Clipstone Old Qtr  
Birklands West / Clipstone Old Qtr

Ref: 36  
Ref: 36

## **Cosmopterigidae**

### **Cosmopteriginae**

898 *Limnaecia phragmitella*

Bee, L. and Sterling, M.J. 1983

Birklands and Bilhaugh

Ref: 58

### **Blastodacninae**

905 *Blastodacna hellerella*

Bee, L. and Sterling, M.J. 1982

Birklands and Bilhaugh

Ref: 57

904 *Spuleria flavicaput*

Brameld, R.E.

Birklands and Bilhaugh

Ref: 1

## **Tortricidae**

### **Cochylinae**

936 *Cochylimorpha straminea*

Brameld, R.E.

Birklands and Bilhaugh

Ref: 1

937	<i>Agapeta hamana</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Parrack, J.D. 1987 Elliott, B. 1995 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 61 Ref: 96 Ref: 55 Ref: 36 Ref: 36
938	<i>Agapeta zoegana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
945	<i>Aethes cnicana</i>	Bee, L. and Sterling, M.J. 1982 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 55
946	<i>Aethes rubigana</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 62
947	<i>Aethes smeathmanniana</i>	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
951	<i>Aethes beatricella</i>	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
954	<i>Eupoecilia angustana</i>	Bee, L. and Sterling, M.J. 1983 Elliott, B. 1996	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 58 Ref: 96
	<i>Eupoecilia angustana</i> f. <i>fasciella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>Tortricinae</b>				
966	<i>Cochylis atricapitana</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
969	<i>Pandemis coryiana</i> <b>Chequered Fruit-tree Tortrix</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 55 Ref: 36 Ref: 109
970	<i>Pandemis cerasana</i> <b>Barred Fruit-tree Tortrix</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 62 Ref: 55 Ref: 36 Ref: 109
972	<i>Pandemis heparana</i> <b>Dark Fruit-tree Tortrix</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57

	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
977 <i>Archips podana</i> <b>Large Fruit-tree Tortrix</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
979 <i>Archips crataegana</i> <b>Brown Oak Tortrix</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
980 <i>Archips xylosteana</i> <b>Variegated Golden Tortrix</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
981 <i>Archips rosana</i> <b>Rose Tortrix</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
983 <i>Choristoneura hebenstreitella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
986 <i>Syndemis musculana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
989 <i>Aphelia paleana</i> <b>Timothy Tortrix</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2005	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
993 <i>Clepsia spectrana</i> <b>Cyclamen Tortrix</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
994 <i>Clepsia consimilana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62

	998 <i>Epiphyas postvittana</i> <b>Light Brown Apple Moth</b>	Pendleton, T.A. and Pendleton, D.T. 2008 Hursthouse, D. <i>etal</i> 2009 Hursthouse, D. <i>etal</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 55 Ref: 109 Ref: 109 Ref: 36
	1000 <i>Ptycholoma lecheana</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 36
	1001 <i>Lozotaeniodes formosanus</i>	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	1002 <i>Lozotaenia forsterana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	1006 <i>Epagoge grotiana</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Elliott, B. 1997 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Buck Gates Birklands and Bilhaugh	Ref: 57 Ref: 61 Ref: 62 Ref: 96 Ref: 55
	1007 <i>Capua vulgana</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 61 Ref: 62 Ref: 36
	1010 <i>Ditula angustiorana</i> <b>Red-barred Tortrix</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57
	1011 <i>Pseudargyrotoza conwagana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	<b>Chlidanotinae</b>			
	1014 <i>Isotrias rectifasciana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
<b>Tortricinae</b>	1015 <i>Eulia ministrana</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 36 Ref: 55 Ref: 36
	1016 <i>Cnephasia longana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	1020 <i>Cnephasia stepensiana</i> <b>Grey Tortrix</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 55
	1021 <i>Cnephasia asseclana</i> <b>Flax Tortrix</b>	Bee, L. and Sterling, M.J. 1982 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 55



1024	<i>Cnephasia incertana</i> <b>Light Grey Tortrix</b>	Brameld, R.E. Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 61
1025	<i>Tortricodoes alternella</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Elliott, B. 1995 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 62 Ref: 96 Ref: 36
1030	<i>Eana incanana</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1032	<i>Aleimma loeflingiana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1033	<i>Tortrix viridana</i> <b>Green Oak Tortrix</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 62 Ref: 36
1035	<i>Acleris bergmanniana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1036	<i>Acleris forsskaeana</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 55
1037	<i>Acleris holmiana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1038	<i>Acleris laterana</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58 Ref: 61 Ref: 36
1041	<i>Acleris sparsana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1042	<i>Acleris rhombana</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 57 Ref: 58 Ref: 61 Ref: 109
1044	<i>Acleris ferrugana</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 57 Ref: 36 Ref: 36
1045	<i>Acleris notana</i>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57

	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Sterling, M.J. 1984	Birklands and Bilhaugh	Ref: 59
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Elliott, B. 1995	Birklands and Bilhaugh / Budby SF	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
1047 <i>Acleris schalleriana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1048 <i>Acleris veriegana</i>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
<b>Garden Rose Tortrix</b>	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1051 <i>Acleris logiana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1053 <i>Acleris hastiana</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1054 <i>Acleris cristana</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1055 <i>Acleris hyemana</i>	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1061 <i>Acleris literana</i>	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
1062 <i>Acleris emargana</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
<b>Olethreutinae</b>			
1063 <i>Celypha striana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
1076 <i>Celypha lacunana</i>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36

	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1082 <i>Hedya pruniana</i> <b>Plum Tortrix</b>	Baker, P. 2007	Birklands and Bilhaugh / Budby SF	Ref: 96
1083 <i>Hedya nubiferana</i> <b>Marbled Orchard Tortrix</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 58 Ref: 61 Ref: 62 Ref: 55 Ref: 36
1084 <i>Hedya ochroleucana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1085 <i>Metendothenia atropunctana</i>	Bee, L. and Sterling, M.J. 1982 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 57 Ref: 36
1087 <i>Orthotaenia undulana</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 62 Ref: 55 Ref: 36 Ref: 36
1092 <i>Apotomis turbidana</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 57 Ref: 58 Ref: 61 Ref: 62 Ref: 55 Ref: 36 Ref: 36
1093 <i>Apotomis betuletana</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2008 Hursthouse, D. <i>etal</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 55 Ref: 109 Ref: 36
1102 <i>Endothenia nigricostana</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 36
1106 <i>Lobesia reliquana</i>	Brameld, R.E. Bee, L. and Parrack, J.D. 1987 Elliott, B. 1997 Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 1 Ref: 61 Ref: 96 Ref: 36

	Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 36 Ref: 36
1111a <i>Bactra lancealana</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 57 Ref: 55 Ref: 36 Ref: 36
1113 <i>Eudemis profundana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1118 <i>Ancylis uncella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1120 <i>Ancylis mitterbacheriana</i>	Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 36 Ref: 55 Ref: 36 Ref: 36
1121 <i>Ancylis upupana</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1126 <i>Ancylis badiana</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57
1132 <i>Epinotia subocellana</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57
1133 <i>Epinotia bilunana</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Sherwood Heath	Ref: 1 Ref: 57 Ref: 55 Ref: 36 Ref: 36
1134 <i>Epinotia ramella</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Elliott, B. 1996 Pendleton, T.A. and Pendleton, D.T. 2008 Hursthouse, D. <i>etal</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 57 Ref: 58 Ref: 61 Ref: 96 Ref: 55 Ref: 109 Ref: 36
1135 <i>Epinotia demarniana</i>	1988 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 67 Ref: 36
1136 <i>Epinotia immundana</i>	Bee, L. and Sterling, M.J. 1982 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 57 Ref: 36 Ref: 109
1137 <i>Epinotia tetraquetrana</i>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57

	Bee, L. and Sterling, M.J. 1983 Elliott, B. Budworth, D. and Travers-Ayre, I. 1995 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 58 Ref: 96 Ref: 36
1139 <i>Epinotia tenerana</i> <b>Nut Bud Moth</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1142 <i>Epinotia tedella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1151 <i>Epinotia trigonella</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58
1153 <i>Epiblema sordidana</i>	Saunt, J.W. 1914	Edwinstowe	Ref: 1
1155 <i>Epinotia brunnichana</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 55
1156 <i>Epinotia solandriana</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58
1159 <i>Rhopobota naevana</i> <b>Holly Tortrix</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1165 <i>Zeiraphera isertana</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57
1168 <i>Gypsonoma sociana</i>	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
1169 <i>Gypsonoma dealbana</i>	Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 61 Ref: 55 Ref: 36
1174 <i>Epiblema cynosbatella</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 62
1175 <i>Epiblema uddmammiana</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 61 Ref: 62 Ref: 55 Ref: 36

1176	<i>Epiblema trimaculana</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 55
1177	<i>Epiblema rosaecolana</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58
1178	<i>Epiblema roborana</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 62
1183	<i>Epiblema foenella</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 55 Ref: 36
1184	<i>Epiblema scutulana</i>	Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
1184a	<i>Epiblema cirsiiana</i>	Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 55 Ref: 36 Ref: 36
1197	<i>Eucosma campoliliana</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58
1199	<i>Eucosma pupillana</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58
1200	<i>Eucosma hohenwartiana</i>	Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 61 Ref: 62
1201	<i>Eucosma cana</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58 Ref: 61 Ref: 62 Ref: 55 Ref: 36
1205	<i>Spilonota ocellana</i> <b>Bud Moth</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 55 Ref: 36
1208	<i>Pseudococcyx posticana</i>	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62

1210	<i>Rhyacionia pinicolina</i>	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1212	<i>Rhyacionia pinivorana</i> <b>Spotted Shoot Moth</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1219	<i>Lathronympha strigana</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 55 Ref: 36
1231	<i>Pammene spiniana</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1236	<i>Pammene fasciana</i>	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
1239	<i>Pammene rhediella</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1242	<i>Grapholita internana</i>	Elliot, B. 1995 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 96 Ref: 36
1255	<i>Cydia ulicetana</i>	Brameld, R.E. Elliot, B. 1995 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands West / Sherwood Heath Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 96 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
1260	<i>Cydia splendana</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2008 Hursthouse, D. <i>etal</i> 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 57 Ref: 58 Ref: 61 Ref: 55 Ref: 109 Ref: 109
1261	<i>Cydia pomonella</i> <b>Codling Moth</b>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 36
1273	<i>Dichrorampha petiverella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1274	<i>Dichrorampha alpinana</i>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
1281	<i>Dichrorampha simpliciana</i>	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
<b><i>Alucitidae</i></b>				
1288	<i>Alucita hexadactyla</i> <b>Twenty-plume Moth</b>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 36

## Crambidae

### Crambidae

1293	<i>Chrysoteuchia culmella</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Sherwood Heath	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 62 Ref: 55 Ref: 36 Ref: 36 Ref: 36
1294	<i>Crambus pascuella</i>	Brameld, R.E. Elliott, B. 1996 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 1 Ref: 96 Ref: 55
1299	<i>Crambus hamella</i>	Bee, L. and Sterling, M.J. 1983 Elliott, B. 1996 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 58 Ref: 96 Ref: 36
1300	<i>Crambus pratella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1301	<i>Crambus lathionellus</i>	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
1302	<i>Crambus pertella</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 62 Ref: 55 Ref: 36
1304	<i>Agriphila straminella</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58 Ref: 61 Ref: 62 Ref: 36 Ref: 55 Ref: 36
1305	<i>Agriphila tristella</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2007 Baker, P. 2007	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 36 Ref: 96



		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
		Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1306	<i>Agriphila inquinatella</i>	Birchall, 1872	Birklands and Bilhaugh	Ref: 1
		Dennis, G. and Simmons, C.W. 1877	Birklands and Bilhaugh	Ref: 1
		Porritt, G.T. 1894	Birklands and Bilhaugh	Ref: 1
		Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
		Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
		Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
		Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
		Elliott, B. 1996	Birklands and Bilhaugh / Budby SF	Ref: 96
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
		Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
1307	<i>Agriphila latistria</i>	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
1309	<i>Agriphila geniculea</i>	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
1313	<i>Catoptria pinella</i>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 1
		Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 57
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 58
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 55
		Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
			Birklands and Bilhaugh / Budby SF	Ref: 36
1316	<i>Catoptria falsella</i>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
<b>Schoenobiinae</b>	1329 <i>Donacaula forficella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
<b>Acentropinae</b>	1331 <i>Acentria ephemerella</i> <b>Water Veneer</b>	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
<b>Scopariinae</b>	1332 <i>Scoparia subfusca</i>	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1333 <i>Scoparia pyralella</i>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
		Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
		Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
		Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36

1334	<i>Scoparia ambigualis</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2007 Baker, P. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands West / Sherwood Heath Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 62 Ref: 36 Ref: 36 Ref: 96 Ref: 36 Ref: 55 Ref: 36 Ref: 36 Ref: 36 Ref: 109
1334a	<i>Scoparia bisistrigalis</i>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
1338	<i>Dipleurina lacustrata</i>	Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 61 Ref: 55 Ref: 36
1340	<i>Eudonia truncicolella</i>	Brameld, R.E. Dennis, G. and Simmons, C.W. Porritt, G.T. 1894 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1 Ref: 1 Ref: 58 Ref: 61 Ref: 62 Ref: 55 Ref: 36
1341	<i>Eudonia lineola</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1342	<i>Eudonia angustea</i>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 61 Ref: 36
1344	<i>Eudonia mercurella</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 58 Ref: 55 Ref: 36
<b>Acentropinae</b>	1345 <i>Elophila nymphaeata</i> <b>Brown China-mark</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 58
	1350 <i>Nymphula stagnata</i> <b>Beautiful China-mark</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

<b>Evergestinae</b>	1354 <i>Cataglyphis lemnae</i> <b>Small China-mark</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	1356 <i>Evergestis forficata</i> <b>Garden Pebble</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 61
	1358 <i>Evergestis pallidata</i>	Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 51
	1362 <i>Pyrausta purpuralis</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
<b>Pyraustinae</b>	1376 <i>Eurrhynx hortulana</i> <b>Small Magpie</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 62 Ref: 55 Ref: 36
	1378 <i>Phlyctaenia coronata</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 58
	1385 <i>Eubulea crocealis</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	1388 <i>Udea lutealis</i>	Brameld, R.E. Batty, J. 1858 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Hursthouse, D. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 98
	1390 <i>Udea prunalis</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 61 Ref: 55
	1392 <i>Udea olivalis</i>	Brameld, R.E. Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 61
	1395 <i>Udea ferrugalis</i> <b>Rusty Dot Pearl</b>	Bee, L. and Sterling, M.J. 1983 Elliott, B. 1996	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 58 Ref: 96
	1398 <i>Nomophila noctuella</i> <b>Rush Veneer</b>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2006 Elliott, B. 2006 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 36 Ref: 96 Ref: 36 Ref: 36

1405	<i>Pleuroptya ruralis</i> <b>Mother of Pearl</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2007 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West and Ollerton Corner Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 36 Ref: 96 Ref: 36 Ref: 55 Ref: 36 Ref: 109 Ref: 36 Ref: 36
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## Pyralidae

### *Pyralinae*

1413	<i>Hypsopygia costalis</i> <b>Gold Triangle</b>	Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 58 Ref: 61 Ref: 96 Ref: 55 Ref: 109
1415	<i>Orthopygia glaucinalis</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 55
1417	<i>Pyralis farinalis</i> <b>Meal moth</b>	Brameld, R.E. Wright, S. and Osborne, J.E. <i>etal</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh	Ref: 1 Ref: 96 Ref: 55
1421	<i>Aglossa pinguinalis</i> <b>Large Tabby</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1424	<i>Endotricha flammealis</i>	Pendleton, T.A. and Pendleton, D.T. 2007 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr Birklands West and Ollerton Corner Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 36 Ref: 96 Ref: 36 Ref: 55 Ref: 36 Ref: 36 Ref: 36
1428	<i>Aphomia sociella</i> <b>Bee Moth</b>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 55 Ref: 36
1437	<i>Acrobasis consociella</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 55 Ref: 36

1439	<i>Trachycera advenella</i>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 55 Ref: 36
1440	<i>Trachycera marmorea</i>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
1450	<i>Metriostola betulae</i>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
1451	<i>Pyla fusca</i>	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
1452	<i>Phycita roborella</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 61
1455	<i>Dioryctria simpliciella</i>	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
1458	<i>Myelois circumvoluta</i> <b>Thistle Ermine</b>	Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 58 Ref: 55
1470	<i>Euzophera pinguis</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1478	<i>Ephestia calidella</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1480	<i>Homoeosoma nebulella</i>	Elliott, B. 1996	Birklands and Bilhaugh / Budby SF	Ref: 96
1481	<i>Homoeosoma sinuella</i>	Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 58 Ref: 36

## ***Pterophoridae***

### ***Platyptiliinae***

1501	<i>Platyptilia gonodactyla</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 62 Ref: 36 Ref: 36 Ref: 55 Ref: 36
1504	<i>Platyptilia pallidactyla</i>	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
1508	<i>Stenoptilia bipunctidactyla</i>	Brameld, R.E. Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 61

1509	<i>Stenoptilia pterodactyla</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1511	<i>Merrifieldia tridactyla</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1520	<i>Hellinsia osteodactylus</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58
1524	<i>Emmelina monodactyla</i>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Elliott, B. 1997 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 96 Ref: 36

## ***Lasiocampidae***

1631	<i>Poecilocampa populi</i> <b>December Moth</b>	Porrit, G.T. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 Bee, L. and Parrack, J.D. 1987 1987 1988 1989 1990 Pendleton, T.A. and Pendleton, D.T. 2008 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 57 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 61 Ref: 68 Ref: 68 Ref: 68 Ref: 68 Ref: 55 Ref: 109
1632	<i>Trichiura crataegi</i> <b>Pale Eggar</b>	Elliott, B. 1981 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Sterling, M.J. 1983 Tillotson, I. 1986 1986 Bee, L. and Parrack, J.D. 1987 1987 1988 1990	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 81 Ref: 57 Ref: 58 Ref: 81 Ref: 63 Ref: 68 Ref: 61 Ref: 68 Ref: 68 Ref: 68
1633	<i>Eriogaster lanestris</i> <b>Small Eggar</b>	Brameld, R.E. 1916	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1
1634	<i>Malacosoma neustria</i> <b>Lackey</b>	Sterland and Brameld, R.E. Braddock, A. 1982	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81

1636	<i>Lasiocmpa trifolii</i> <b>Grass Eggar</b>	Sterland	Birklands and Bilhaugh	Ref: 1
1637	<i>Lasiocampa quercus</i> <b>Oak Eggar</b>	Sterland, Brameld, R.E. and Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
1638	<i>Macrothylacia rubi</i> <b>Fox Moth</b>	Sterland and Brameld, R.E. Hardy, J.R. 1896	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1
1640	<i>Euthrix potatotia</i> <b>Drinker</b>	Sterland, Brameld, R.E. and Hardy, J.R. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 1987 Bee, L. and Parrack, J.D. 1987 1988 Bee, L. and Parrack, J.D. 1988 1989 1990 Binding, A. 1999 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 68 Ref: 61 Ref: 68 Ref: 62 Ref: 68 Ref: 68 Ref: 68 Ref: 79 Ref: 96 Ref: 55 Ref: 36 Ref: 109 Ref: 36 Ref: 111
1642	<i>Gastropacha quercifolia</i> <b>Lappet</b>	Sterland	Birklands and Bilhaugh	Ref: 1
<b>Saturniidae</b>				
1643	<i>Saturnia pavonia</i> <b>Emperor Moth</b>	Sterland and Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
<b>Drepanidae</b>				
1645	<i>Falcaria lacertinaria</i> <b>Scalloped Hook-tip</b>	Batty, J. 1858 Sterling, M.J. 1981 Statham, B. 1981 Bee, L. and Sterling, M.J. 1982 Braddock, A. 1982 Young, D.A. 1983 Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 81 Ref: 57 Ref: 81 Ref: 81 Ref: 58

		Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
		Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
		1986	Birklands and Bilhaugh	Ref: 68
		Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
		1987	Birklands and Bilhaugh	Ref: 68
		Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
		1988	Birklands and Bilhaugh	Ref: 68
		1990	Birklands and Bilhaugh	Ref: 68
		Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
		Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1646	<i>Watsonalla binaria</i> <b>Oak Hook-tip</b>	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
		Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
		Young, D.A. 1982	Birklands and Bilhaugh	Ref: 81
		Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
		Statham, B. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
		Young, D.A. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
		1990	Birklands and Bilhaugh	Ref: 68
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
		Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1647	<i>Watsonalla cultraria</i> <b>Barred Hook-tip</b>	Wright, S. and Osborne, J.E. 2008	Birklands West and Ollerton Corner	Ref: 103
1648	<i>Drepana falcataria</i> <b>Pebble Hook-tip</b>	Batty, J. 1858	Birklands and Bilhaugh	Ref: 1
		Statham, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
		Sterling, M.J. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
		Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
		Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
		Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
		1986	Birklands and Bilhaugh	Ref: 68
		Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
		1987	Birklands and Bilhaugh	Ref: 68
		Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
		1988	Birklands and Bilhaugh	Ref: 68
		1990	Birklands and Bilhaugh	Ref: 68
		Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
		Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
		Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1651	<i>Cilix glaucata</i> <b>Chinese Character</b>	Sterling, M.J. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
		Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
		Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57



Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
1986	Birklands and Bilhaugh	Ref: 68
1987	Birklands and Bilhaugh	Ref: 68
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
1989	Birklands and Bilhaugh	Ref: 68
1990	Birklands and Bilhaugh	Ref: 68
Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36

## Thyatiridae

1652 <i>Thyatira batis</i> <b>Peach Blossom</b>	Sterland Brameld, R.E. Bee, L. and Riley, A.M. 1985 Orpe, K.J. 1986 Bee, L. and Parrack, J.D. 1987 1990 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1 Ref: 60 Ref: 88 Ref: 61 Ref: 68 Ref: 68 Ref: 55 Ref: 36
1653 <i>Habrosyne pyritoides</i> <b>Buff Arches</b>	Unknown record Orpe, K.J. 1986 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 88 Ref: 55 Ref: 36 Ref: 109
1654 <i>Tethea ocularis</i> <b>Figure of Eighty</b>	Sterland	Birklands and Bilhaugh	Ref: 1
1655 <i>Tethea</i> or <b>Poplar Lutestring</b>	Sterland	Birklands and Bilhaugh	Ref: 1
1657 <i>Ochropacha duplaris</i> <b>Common Lutestring</b>	Hall, A.E. and Batty, J. 1890 Harman, T.W. 1975 Harrison, F. 1976 Statham, B. 1981 Braddock, A. 1982 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Young, D.A. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 81 Ref: 81 Ref: 81 Ref: 57 Ref: 58 Ref: 81 Ref: 60 Ref: 63 Ref: 68

	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1658 <i>Cymatophorima diluta</i> <b>Oak Lutestring</b>	Unknown record	Birklands and Bilhaugh	Ref: 1
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Statham, B. 1983	Birklands and Bilhaugh	Ref: 81
	Skinner, B. 1984	Birklands and Bilhaugh	Ref: 50
	1990	Birklands and Bilhaugh	Ref: 68
1659 <i>Achlya flavicornis</i> <b>Yellow Horned</b>	Sterland and Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
	Porritt, G.T. 1871	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1968	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Young, D.A. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1984	Birklands and Bilhaugh	Ref: 59
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. 2003	Birklands and Bilhaugh / Proteus Sq	Ref: 82
	Wright, S. Osborne, J.E. and Fox, D.G. 2004	Birklands and Bilhaugh / Buck Gates	Ref: 83
	Wright, S. and Osborne, J.E. <i>etal</i> 2005	Birklands and Bilhaugh / Buck Gates	Ref: 84
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh / Budby SF	Ref: 36
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West / Clipstone Old Qtr	Ref: 86
	Wright, S. and Osborne, J.E. 2008	Birklands West and Ollerton Corner	Ref: 103
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
1660 <i>Polyploca ridens</i> <b>Frosted Green</b>	Sterland	Birklands and Bilhaugh	Ref: 1
	1956	Birklands and Bilhaugh	Ref: 52
	1964	Birklands and Bilhaugh	Ref: 52
	1968	Birklands and Bilhaugh	Ref: 52
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57

Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
1983	Birklands and Bilhaugh	Ref: 48
Statham, B. 1983	Birklands and Bilhaugh	Ref: 81
Young, D.A. 1983	Birklands and Bilhaugh	Ref: 81
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
1987	Birklands and Bilhaugh	Ref: 68
Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
Wright, S. and Osborne, J.E. 2003	Birklands and Bilhaugh / Buck Gates	Ref: 82
Wright, S. Osborne, J.E. and Fox, D.G. 2004	Birklands and Bilhaugh / Buck Gates	Ref: 83
Wright, S. Osborne, J.E. and Howat, C. 2005	Birklands and Bilhaugh / Buck Gates	Ref: 84
Wright, S. and Osborne, J.E. 2008	Birklands West and Ollerton Corner	Ref: 103
Wright, S. and Osborne, J.E. 2008	Birklands West / Clipstone Old Quarter	Ref: 103
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36

## Geometridae

### Archiearinae

1661 *Archiearis parthenias*  
**Orange Underwing**

Sterland	Birklands and Bilhaugh	Ref: 1
Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
Budworth, D. 1972	Birklands and Bilhaugh / Budby SF	Ref: 96
Lady Robinson 1892	Birklands and Bilhaugh	Ref: 1
Lady Robinson 1893	Birklands and Bilhaugh	Ref: 1
Culpin, J. 1980	Birklands and Bilhaugh	Ref: 81
Frost, R.A. 1980	Birklands and Bilhaugh / Budby SF	Ref: 81
Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
Braddock, A. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36

### Oenochrominae

1663 *Alsophila aescularia*  
**March Moth**

Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
Braddock, A. 1983	Birklands and Bilhaugh	Ref: 81
Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
Bee, L. and Sterling, M.J. 1984	Birklands and Bilhaugh	Ref: 59
Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
1986	Birklands and Bilhaugh	Ref: 68
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
1987	Birklands and Bilhaugh	Ref: 68
Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
1988	Birklands and Bilhaugh	Ref: 68
1989	Birklands and Bilhaugh	Ref: 68
1990	Birklands and Bilhaugh	Ref: 68
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36

**Geometrinae**1665 *Pseudoterpna pruinata*  
**Grass Emerald**

Brameld, R.E.  
Harman, T.W. 1975  
Elliot, B. 1981  
1990  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009  
Hursthouse, D. *etal* 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Ref: 1  
Ref: 81  
Ref: 81  
Ref: 68  
Ref: 55  
Ref: 36  
Ref: 109

1666 *Geometra papilionaria*  
**Large Emerald**

Sterland  
Brameld, R.E.  
Lady Robinson  
Sterling, M.J. 1981  
Bee, L. and Sterling, M.J. 1982  
Braddock, A. 1982  
Bee, L. and Sterling, M.J. 1983  
Bee, L. and Riley, A.M. 1985  
Tillotson, I. 1986  
1986  
Orpe, K.J. 1986  
1988  
1989  
1990  
Wright, S. and Osborne, J.E. *etal* 2006  
Wright, S. and Osborne, J.E. *etal* 2007  
Pendleton, T.A. and Pendleton, D.T. 2008  
Wright, S. and Osborne, J.E. 2008  
Hursthouse, D. *etal* 2009  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands West / Sherwood Heath  
Birklands West / Clipstone Old Qtr  
Birklands and Bilhaugh  
Birklands West and Ollerton Corner  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Ref: 1  
Ref: 1  
Ref: 1  
Ref: 81  
Ref: 57  
Ref: 81  
Ref: 58  
Ref: 60  
Ref: 63  
Ref: 68  
Ref: 88  
Ref: 68  
Ref: 68  
Ref: 68  
Ref: 68  
Ref: 85  
Ref: 86  
Ref: 55  
Ref: 103  
Ref: 109  
Ref: 36

1667 *Comibaena bajularia*  
**Blotched Emerald**

Brameld, R.E.

Birklands and Bilhaugh  
Ref: 1

1669 *Hemithea aestivaria*  
**Common Emerald**

Brameld, R.E.  
Bee, L. and Sterling, M.J. 1982  
Bee, L. and Sterling, M.J. 1983  
Tillotson, I. 1986  
Orpe, K.J. 1986  
1986  
1987  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Ref: 1  
Ref: 57  
Ref: 58  
Ref: 63  
Ref: 88  
Ref: 68  
Ref: 68  
Ref: 55  
Ref: 36

1674 *Jodis lactearia*  
**Little Emerald**

Brameld, R.E.  
Porritt, G.T. 1871

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Ref: 1  
Ref: 1

**Sterrhinae**1675 *Cyclophora pendularia*  
**Dingy Mocha**

Sterland  
Brameld, R.E.  
Porritt, G.T. 1871

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Ref: 1  
Ref: 1  
Ref: 1

	1899		Birklands and Bilhaugh	Ref: 1
1676 <i>Cyclophora annularia</i> <b>Mocha</b>	Brameld, R.E.		Birklands and Bilhaugh	Ref: 1
1679 <i>Cyclophora porata</i> <b>False Mocha</b>	Ray, J.		Birklands and Bilhaugh	Ref: 1
1680 <i>Cyclophora punctaria</i> <b>Maiden's Blush</b>	Sterland and Brameld, R.E. Porritt, G.T. 1871 Madden, G.C.R. 1872 Elliot, B. 1981 Bee, L. and Sterling, M.J. 1982 Sterling, M.J. 1982 Sterling, M.J. 1983 Bee, L. and Sterling, M.J. 1983 Braddock, A. 1983 Bee, L and Riley, A.M. 1985 Tillotson, I. 1986 1986 Bee, L. and Parrack, J.D. 1987 1987 Bee, L. and Parrack, J.D. 1988 1988 1989 1990 Elliott, B. Budworth, D. and Travers-Ayre, I. 1995 Wright, S. and Osborne, J.E. 2005 Wright, S. and Osborne, J.E. <i>etal</i> 2006 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Wright, S. Osborne, J.E. and Fox, D.G. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Sherwood Heath Birklands West / Sherwood Heath Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 1 Ref: 1 Ref: 81 Ref: 57 Ref: 81 Ref: 81 Ref: 58 Ref: 81 Ref: 60 Ref: 63 Ref: 68 Ref: 61 Ref: 68 Ref: 62 Ref: 68 Ref: 68 Ref: 68 Ref: 68 Ref: 96 Ref: 84 Ref: 85 Ref: 96 Ref: 55 Ref: 103 Ref: 36 Ref: 109	
1681 <i>Cyclophora linearia</i> <b>Clay Triple-lines</b>	Brameld, R.E. Sterling, M.J. 1981 Elliot, B. 1981 Bee, L. and Sterling, M.J. 1982 Braddock, A. 1982 Bee, L. and Parrack, J.D. 1987 1987 1990 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 81 Ref: 81 Ref: 57 Ref: 81 Ref: 61 Ref: 68 Ref: 68 Ref: 36	
1682 <i>Timandra comae</i> <b>Blood-vein</b>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58	

	1987	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1690 <i>Scopula imitaria</i> <b>Small Blood-vein</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	1988	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
1692 <i>Scopula immutata</i> <b>Lesser Cream Wave</b>	1989	Birklands and Bilhaugh	Ref: 68
1693 <i>Scopula floslactata</i> <b>Cream Wave</b>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>etal</i> 2004	Birklands and Bilhaugh / Proteus Sq	Ref: 83
	Wright, S. and Osborne, J.E. 2008	Birklands West and Ollerton Corner	Ref: 103
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1694 <i>Scopula ternata</i> <b>Smoky Wave</b>	Sterland	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
1702 <i>Idaea bisetata</i> <b>Small Fan-footed Wave</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1972	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36

1704	<i>Idaea dilutata</i> <b>Silky Wave</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1707	<i>Idaea seriata</i> <b>Small Dusty Wave</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1988 1989 1990	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 68 Ref: 68
1708	<i>Idaea dimidiata</i> <b>Single-dotted Wave</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 Bee, L. and Parrack, J.D. 1987 1987 Bee, L. and Parrack, J.D. 1988 1988 1989 1990 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 57 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 61 Ref: 68 Ref: 62 Ref: 68 Ref: 68 Ref: 68 Ref: 96 Ref: 55 Ref: 36 Ref: 109
1712	<i>Idaea emarginata</i> <b>Small Scallop</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1713	<i>Idaea aversata</i> <b>Riband Wave</b>	Sterland and Brameld, R.E. Harrison, F. 1975 Harrison, F. 1976 Elliot, B. 1981 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 Orpe, K.J. 1986 Bee, L. and Parrack, J.D. 1987 1987 Bee, L. and Parrack, J.D. 1988 1988 1989	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 81 Ref: 81 Ref: 57 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 88 Ref: 61 Ref: 68 Ref: 62 Ref: 68 Ref: 68

		1990	Birklands and Bilhaugh	Ref: 68
		Binding, A. 1999	Birklands and Bilhaugh	Ref: 79
		Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
		Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
1715	<i>Idaea straminata</i> <b>Plain Wave</b>	Between 1961 and 1969	Birklands and Bilhaugh	Ref: 19
		1976	Birklands and Bilhaugh	Ref: 48
		1981	Birklands and Bilhaugh	Ref: 24
		Harman, T.W. 1975	Birklands and Bilhaugh	Ref: 81
		Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
		Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
		Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
		Young, D.A. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
		Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
		1988	Birklands and Bilhaugh	Ref: 68
		1990	Birklands and Bilhaugh	Ref: 68
		Wright, S. and Osborne, J.E. 2006	Birklands and Bilhaugh / Budby SF	Ref: 85
		Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West / Clipstone Old Qtr	Ref: 86
		Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1716	<i>Rhodometra sacraria</i> <b>Vestal</b>			
<b>Larentiinae</b>				
1719	<i>Orthonama vittata</i> <b>Oblique Carpet</b>	Sterland	Birklands and Bilhaugh	Ref: 1
		Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1722	<i>Xanthorhoe designata</i> <b>Flame Carpet</b>	Sterling, M.J.	Birklands and Bilhaugh / Budby SF	Ref: 81
		Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
		Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
1724	<i>Xanthorhoe spadicearia</i> <b>Red Twin-spot Carpet</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
		Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
		Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
		Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
		1988	Birklands and Bilhaugh	Ref: 68
1725	<i>Xanthorhoe ferrugata</i> <b>Dark-barred Twin-spot Carpet</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
		Porritt, G.T. 1871	Birklands and Bilhaugh	Ref: 1
		Porritt, G.T. 1894	Birklands and Bilhaugh	Ref: 1
		Harrison, F. 1967	Birklands and Bilhaugh	Ref: 81
		Harrison, F. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
		Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
		Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
		Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
		Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58



	Motteram, M. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1726 <i>Xanthorhoe quadrifasiata</i> <b>Large Twin-spot Carpet</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Wright, S. and Osborne, J.E. 2008	Birklands West and Ollerton Corner	Ref: 103
1727 <i>Xanthorhoe montanata</i> <b>Silver-ground Carpet</b>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111

1728 <i>Xanthorhoe fluctuata</i> <b>Garden Carpet</b>	Elliot, B. 1981 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 Orpe, K.J. 1986 Bee, L. and Parrack, J.D. 1987 1987 1990 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF	Ref: 81 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 88 Ref: 61 Ref: 68 Ref: 68 Ref: 55 Ref: 36 Ref: 109
1731 <i>Scotopteryx bipunctaria</i> <b>Chalk Carpet</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1732 <i>Scotopteryx chenopodiata</i> <b>Shaded Broad-bar</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 58 Ref: 55
1733 <i>Scotopteryx mucronata</i> <b>Lead belle</b>	Bee, L. and Riley, A.M. 1985 Bee, L. and Parrack, J.D. 1987 1987	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 60 Ref: 61 Ref: 68
1734 <i>Scotopteryx luridata</i> <b>July Belle</b>	Brameld, R.E. Porritt, G.T. 1871 Bee, L. and Parrack, J.D. 1987 1987	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1 Ref: 61 Ref: 68
1738 <i>Epirrhoe alternata</i> <b>Common Carpet</b>	Harrison, F. 1967 Harrison, F. 1975 Harrison, F. 1976 Elliot, B. 1981 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 Bee, L. and Parrack, J.D. 1987 1987 Bee, L. and Parrack, J.D. 1988 1988 1989 1990 Pendleton, T.A. and Pendleton, D.T. 2007 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Baker, P. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West and Ollerton Corner Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 81 Ref: 81 Ref: 81 Ref: 81 Ref: 57 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 61 Ref: 68 Ref: 62 Ref: 68 Ref: 68 Ref: 68 Ref: 36 Ref: 96 Ref: 96 Ref: 36 Ref: 55

	Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 36 Ref: 109 Ref: 36 Ref: 36
1739 <i>Epirrhoe rivata</i> <b>Wood Carpet</b>	Brameld, R.E. Tillotson, I. 1986 1986	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 63 Ref: 68
1740 <i>Epirrhoe galiata</i> <b>Galium Carpet</b>	Bee, L. and Parrack, J.D. 1987 1987	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 61 Ref: 68
1742 <i>Camptogramma bilineata</i> <b>Yellow Shell</b>	Harrison, F. 1975 Harrison, F. 1976 Elliot, B. 1981 Bee, L. and Sterling, M.J. 1982 Motteram, M. 1983 Bee, L. and Sterling, M.J. 1983 Tillotson, I. 1986 1986 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Hursthouse, D. <i>etal</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 81 Ref: 81 Ref: 81 Ref: 57 Ref: 81 Ref: 58 Ref: 63 Ref: 68 Ref: 96 Ref: 109 Ref: 36
1745 <i>Larentia clavaria</i> <b>Mallow</b>	Elliott, B. 1997	Birklands and Bilhaugh / Budby SF	Ref: 96
1746 <i>Anticlea badiata</i> <b>Shoulder-stripe</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Tillotson, I. 1986 1986 Bee, L. and Parrack, J.D. 1987 1987 Bee, L. and Parrack, J.D. 1988 1988 1989 1990 Elliott, B. Budworth, D. and Travers-Ayre, I. 1995 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 63 Ref: 68 Ref: 61 Ref: 68 Ref: 62 Ref: 68 Ref: 68 Ref: 68 Ref: 96 Ref: 36
1747 <i>Anticlea derivata</i> <b>Streamer</b>	Brameld, R.E. Tillotson, I. 1986 1986 Elliott, B. Budworth, D. and Travers-Ayre, I. 1995 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 63 Ref: 68 Ref: 96
1748 <i>Mesoleuca albicillata</i> <b>Beautiful Carpet</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57

	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>etal</i> 2006	Birklands West / Sherwood Heath	Ref: 85
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
1749 <i>Pelurga comitata</i> <b>Dark Spinach</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
1750 <i>Lampropteryx suffumata</i> <b>Water Carpet</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1751 <i>Lampropteryx otegiata</i> <b>Devon Carpet</b>	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
1752 <i>Cosmorhoe ocellata</i> <b>Purple Bar</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Porritt, G.T. 1871	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliott, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Young, D.A. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1754 <i>Eulithis prunata</i> <b>Phoenix</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliott, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
1755 <i>Eulithis testata</i>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

## Chevron

Hall and Batty 1890  
Harrison, F. 1975  
Harrison, F. 1976  
Elliot, B. 1981  
Pendleton, T.A. and Pendleton, D.T. 2007

Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF

Ref: 1  
Ref: 81  
Ref: 81  
Ref: 81  
Ref: 36

1756 *Eulithis populata*  
**Northern Spinach**

Brameld, R.E.  
Elliot, B. 1981

Birklands and Bilhaugh / Budby SF

Ref: 1  
Ref: 81

1757 *Eulithis mellinata*  
**Spinach**

Brameld, R.E.  
Bee, L and Riley, A.M. 1985  
Tillotson, I. 1986  
1986  
Orpe, K.J. 1986  
1990

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh

Ref: 1  
Ref: 60  
Ref: 63  
Ref: 68  
Ref: 88  
Ref: 68

1758 *Eulithis pyraliata*  
**Barred Straw**

Brameld, R.E.  
Bee, L. and Sterling, M.J. 1982  
Bee, L. and Sterling, M.J. 1983  
Bee, L. and Riley, A.M. 1985  
Tillotson, I. 1986  
Orpe, K.J. 1986  
1986  
Bee, L. and Parrack, J.D. 1987  
1987  
Bee, L. and Parrack, J.D. 1988  
1988  
1989  
1990

[illegible]

Ref: 1  
Ref: 57  
Ref: 58  
Ref: 60  
Ref: 63  
Ref: 88  
Ref: 68  
Ref: 61  
Ref: 68  
Ref: 62  
Ref: 68  
Ref: 68  
Ref: 68

1759 *Eliptopera silaceata*  
**Small Phoenix**

Brameld, R.E.  
Harrison, F. 1967  
Harrison, F. 1976  
Elliot, B. 1981  
Bee, L. and Sterling, M.J. 1982  
Bee, L. and Sterling, M.J. 1983  
Bee, L and Riley, A.M. 1985  
Tillotson, I. 1986  
1986  
Bee, L. and Parrack, J.D. 1987  
1987  
1988  
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1990  
Elliott, B. Budworth, D. and Travers-Ayre, I. 1995  
Wright, S. and Osborne, J.E. *etal* 2007  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
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Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands West and Ollereton Corner  
Birklands and Bilhaugh  
Birklands and Bilhaugh

Ref: 1  
Ref: 81  
Ref: 81  
Ref: 81  
Ref: 57  
Ref: 58  
Ref: 60  
Ref: 63  
Ref: 68  
Ref: 61  
Ref: 68  
Ref: 68  
Ref: 68  
Ref: 68  
Ref: 96  
Ref: 96  
Ref: 55  
Ref: 36

	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1760 <i>Chloroclysta siterata</i> <b>Red-green Carpet</b>	Sterland Bee, L. and Parrack, J.D. 1987 Wright, S. and Osborne, J.E. 2004 Wright, S. and Osborne, J.E. 2004 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Buck Gates Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 61 Ref: 83 Ref: 83 Ref: 55 Ref: 36 Ref: 109
1761 <i>Chloroclysta miata</i> <b>Autumn Green Carpet</b>	Brameld, R.E. Finch, G. Finch, A. Statham, B.L. and Statham, M. 2004 Wright, S. and Osborne, J.E. 2008	Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands West and Ollerton Corner	Ref: 1 Ref: 83 Ref: 103
1762 <i>Chloroclysta citrata</i> <b>Dark Marbled Carpet</b>	Brameld, R.E. Elliot, B. 1981 Bee, L. and Sterling, M.J. 1983 Tillotson, I. 1986 1989 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh  Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 58 Ref: 63 Ref: 68 Ref: 55
1764 <i>Chloroclysta truncata</i> <b>Common Marbled Carpet</b>	Harrison, F. 1976 Elliot, B. and Statham, B. 1981 Bee, L. and Sterling, M.J. 1982 Motteram, M. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 Orpe, K.J. 1986 Bee, L. and Parrack, J.D. 1987 1987 Bee, L. and Parrack, J.D. 1988 1988 1989 1990 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 81 Ref: 81 Ref: 57 Ref: 81 Ref: 60 Ref: 63 Ref: 68 Ref: 88 Ref: 61 Ref: 68 Ref: 62 Ref: 68 Ref: 68 Ref: 68 Ref: 55 Ref: 36 Ref: 109 Ref: 109
1765 <i>Cidaria fulvata</i> <b>Barred Yellow</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1766 <i>Plemyria rubiginata</i> <b>Blue-bordered Carpet</b>	Sterland Brameld, R.E.	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1
1767 <i>Thera firmata</i> <b>Pine Carpet</b>	Brameld, R.E. Harman, T.W. 1975	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81

	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Statham, B. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Braddock, A. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh	Ref: 109
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1768 <i>Thera obeliscata</i> <b>Grey Pine Carpet</b>	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh	Ref: 109
1769 <i>Thera britannica</i> <b>Spruce Carpet</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1771 <i>Thera juniperata juniperata</i> <b>Juniper Carpet</b>	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1773 <i>Electrophaes corylata</i> <b>Broken-barred Carpet</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 81
	Statham, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Heppenstall, R.I. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1775 <i>Colostygia multistrigaria</i> <b>Mottled Grey</b>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81

	Young, D.A. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1984	Birklands and Bilhaugh	Ref: 59
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. 2003	Birklands and Bilhaugh / Proteus Sq	Ref: 82
	Wright, S. Osborne, J.E. and Fox, D.G. 2004	Birklands and Bilhaugh / Buck Gates	Ref: 83
	Wright, S. and Osborne, J.E. <i>etal</i> 2005	Birklands and Bilhaugh / Buck Gates	Ref: 84
	Wright, S. and Osborne, J.E. 2007	Birklands West and Ollerton Corner	Ref: 86
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1776 <i>Colostygia pectinataria</i> <b>Green Carpet</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	Ref: 36
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
1777 <i>Hydriomena furcata</i> <b>July Highflyer</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Young, D.A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55



1778 <i>Hydriomena impluviata</i> <b>May Highflyer</b>	Bee, L. and Riley, A.M. 1985 Bee, L. and Parrack, J.D. 1987 1987 Bee, L. and Parrack, J.D. 1988 1988 1989	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 60 Ref: 61 Ref: 68 Ref: 62 Ref: 68 Ref: 68
1788 <i>Rheumaptera cervinalis</i> <b>Scarce Tissue</b>	Sterland Brameld, R.E.	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1
1789 <i>Rheumaptera undulata</i> <b>Scallop Shell</b>	Sterland Brameld, R.E.	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1
1790 <i>Triphosa dubitata</i> <b>Tissue</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1792 <i>Philereme transversata</i> <b>Dark Umber</b>	Sterland Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh Birklands and Bilhaugh  Birklands and Bilhaugh	Ref: 1 Ref: 60 Ref: 63 Ref: 61
1795 <i>Epirrita dilutata</i> <b>November Moth</b>	Bee, L. and Sterling, M.J. 1982 Braddock, A. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 Bee, L. and Parrack, J.D. 1987 1987 1989 1990 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 81 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 61 Ref: 68 Ref: 68 Ref: 68 Ref: 68 Ref: 55 Ref: 55
1796 <i>Epirrita christyi</i> <b>Pale November Moth</b>	1987 Bee, L. and Parrack, J.D. 1987 1989	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 68 Ref: 61 Ref: 68
1797 <i>Epirrita autumnata</i> <b>Autumnal Moth</b>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 Bee, L. and Parrack, J.D. 1987 1987 1988 1989	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 61 Ref: 68 Ref: 68 Ref: 68 Ref: 68

	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. 2006	Birklands West and Ollerton Corner	Ref: 85
1798 <i>Epirrita filigrammaria</i> <b>Small Autumnal Moth</b>	Sterland	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
1799 <i>Operophtera brumata</i> <b>Winter Moth</b>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
1800 <i>Operophtera fagata</i> <b>Northern Winter Moth</b>	Porritt, G.T. 1871	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Young, D.A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
1802 <i>Perizoma affinitata</i> <b>Rivulet</b>			
1803 <i>Perizoma alchemillata</i> <b>Small Rivulet</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96

	Pendleton, T.A. and Pendleton, D.T. 2008 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 55 Ref: 109
1804 <i>Perizoma bifasciata</i> <b>Barred Rivulet</b>	Wright, S. and Osborne, J.E. 2008	Birklands West and Ollerton Corner	Ref: 103
1807 <i>Perizoma albulata</i> <b>Grass Rivulet</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1808 <i>Perizoma flavofasciata</i> <b>Sandy Carpet</b>	Brameld, R.E. Porritt, G.T. 1871 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 1987 Bee, L. and Parrack, J.D. 1987 1990 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1 Ref: 57 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 68 Ref: 61 Ref: 68 Ref: 55 Ref: 36
1811 <i>Eupithecia tenuiata</i> <b>Slender Pug</b>	Bee, L. and Sterling, M.J. 1982 Tillotson, I. 1986 1986	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 63 Ref: 68
1812 <i>Eupithecia inturbata</i> <b>Maple Pug</b>	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
1817 <i>Eupithecia pulchellata</i> <b>Foxglove Pug</b>	Brameld, R.E. Porritt, G.T. 1871 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 1990 Elliott, B. Budworth, D. and Travers-Ayre, I. 1995 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008 Hursthouse, D. <i>etal</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 1 Ref: 1 Ref: 58 Ref: 60 Ref: 68 Ref: 96 Ref: 36 Ref: 55 Ref: 109 Ref: 36
1819 <i>Eupithecia exiguata</i> <b>Mottled Pug</b>	Brameld, R.E. Porritt, G.T. 1871 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 Bee, L. and Parrack, J.D. 1988 1988 1990	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1 Ref: 60 Ref: 63 Ref: 68 Ref: 62 Ref: 68 Ref: 68

1823 <i>Eupithecia venosata</i> <b>Netted Pug</b>	Sterland Brameld, R.E.	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1
1825 <i>Eupithecia centaureata</i> <b>Lime-speck Pug</b>	Brameld, R.E. Harman, T.W. 1975 Elliot, B. 1981 Bee, L. and Sterling, M.J. 1982 1989	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 81 Ref: 57 Ref: 68
1826 <i>Eupithecia trisignaria</i> <b>Triple-spotted Pug</b>	Motteram, M. 1983 Bee, L. and Parrack, J.D. 1988 1988	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 81 Ref: 62 Ref: 68
1830 <i>Eupithecia absinthiata</i> <b>Wormwood Pug</b>	Brameld, R.E. Harrison, F. 1976 Elliot, B. 1981 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Tillotson, I. 1986 1986 1989 1990 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 81 Ref: 57 Ref: 58 Ref: 63 Ref: 68 Ref: 68 Ref: 68 Ref: 68 Ref: 55
1831 <i>Eupithecia absinthiata f. goossensiata</i> <b>Ling Pug</b>	Between 1961 and 1969 Harrison, F. 1975 Statham, B. 1981 Young, D.A. 1983 Wright, S. and Osborne, J.E. 2006 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 19 Ref: 81 Ref: 81 Ref: 81 Ref: 85 Ref: 36 Ref: 36 Ref: 109
1832 <i>Eupithecia assimidata</i> <b>Currant Pug</b>	1990	Birklands and Bilhaugh	Ref: 68
1834 <i>Eupithecia vulgata</i> <b>Common Pug</b>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 Bee, L. and Parrack, J.D. 1988 1988 1989 1990 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 62 Ref: 68 Ref: 68 Ref: 68 Ref: 68 Ref: 55 Ref: 36

1835 <i>Eupithecia tripunctaria</i> <b>White-spotted Pug</b>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Wright, S. and Osborne, J.E. 2008	Birklands West and Ollerton Corner	Ref: 103
1837 <i>Eupithecia subfuscata</i> <b>Grey Pug</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Porritt, G.T. 1871	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1838 <i>Eupithecia icterata</i> <b>Tawny Speckled Pug</b>	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
1839 <i>Eupithecia succenturiata</i> <b>Bordered Pug</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1842 <i>Eupithecia simpliciat</i> <b>Plain Pug</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96

1844 <i>Eupithecia indigata</i> <b>Ochreous Pug</b>	Brameld, R.E. 1990	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 68
1846 <i>Eupithecia nanata</i> <b>Narrow-winged Pug</b>	Sterling, M.J. 1981 Bee, L and Riley, A.M. 1985 1989 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 81 Ref: 60 Ref: 68 Ref: 55 Ref: 36 Ref: 36 Ref: 109
1849 <i>Eupithecia fraxinata</i> <b>Ash Pug</b>	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
1851 <i>Eupithecia virgaureata</i> <b>Golden-rod Pug</b>	Bee, L. and Sterling, M.J. 1982 1988 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2008 Wright, S. and Osborne, J.E. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh	Ref: 57 Ref: 68 Ref: 62 Ref: 55 Ref: 103 Ref: 36
1852 <i>Eupithecia abbreviata</i> <b>Brindled Pug</b>	Bee, L. and Sterling, M.J. 1982 Braddock, A. 1982 Young, D.A. 1983 Bee, L and Sterling, M.J. 1984 Bee, L and Riley, A.M. 1985 Tillotson, I. 1986 1986 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 1988 1989 1990 Elliott, B. Budworth, D. and Travers-Ayre, I. 1995 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 81 Ref: 81 Ref: 59 Ref: 60 Ref: 63 Ref: 68 Ref: 61 Ref: 62 Ref: 68 Ref: 68 Ref: 68 Ref: 96 Ref: 36
1853 <i>Eupithecia dodoneata</i> <b>Oak-tree Pug</b>	Hardy, J.R. 1896 Tillotson, I. 1986 1986 1990 Elliott, B. Budworth, D. and Travers-Ayre, I. 1995 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 63 Ref: 68 Ref: 68 Ref: 96 Ref: 36
1854 <i>Eupithecia pusillata</i> <b>Juniper Pug</b>	Bee, L and Riley, A.M. 1985 Tillotson, I. 1986 1986	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 60 Ref: 63 Ref: 68

1856 <i>Eupithecia lariciata</i> <b>Larch Pug</b>	Tillotson, I. 1986 1986	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 63 Ref: 68
1858 <i>Chloroclystis v-ata</i> <b>V-Pug</b>	Elliot, B. 1981 Bee, L and Riley, A.M. 1985 1988 Elliott, B. 1996	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 81 Ref: 60 Ref: 68 Ref: 96
1859 <i>Pasiphila chloerata</i> <b>Sloe Pug</b>	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
1860 <i>Pasiphila rectangulata</i> <b>Green Pug</b>	Sterland and Brameld, R.E. Bee, L and Riley, A.M. 1985 1988 1989 1990 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 60 Ref: 68 Ref: 68 Ref: 68 Ref: 36
1862 <i>Gymnoscelis rufifasciata</i> <b>Double-striped Pug</b>	Harrison, F. 1976 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L and Riley, A.M. 1985 Tillotson, I. 1986 1990 Elliott, B. Budworth, D. and Travers-Ayre, I. 1995 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 81 Ref: 57 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 96 Ref: 55 Ref: 36 Ref: 109
1864 <i>Chesias legatella</i> <b>Streak</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L and Riley, A.M. 1985 Tillotson, I. 1986 1986 Bee, L. and Parrack, J.D. 1987 1987 1988 1989 1990 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 57 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 61 Ref: 68 Ref: 68 Ref: 68 Ref: 68 Ref: 109
1865 <i>Chesias rufata</i> <b>Broom-tip</b>	Sterland Brameld, R.E.	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1
1867 <i>Aplocera plagiata</i> <b>Treble-bar</b>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 36

**Ennominae**

1868 <i>Aplocera efformata</i> <b>Lesser Treble-bar</b>	Harrison, F. 1976 Elliot, B. 1981 Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 81 Ref: 81 Ref: 58
1870 <i>Odezia atrata</i> <b>Chimney Sweeper</b>	Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 36
1873 <i>Venusia cambrica</i> <b>Welsh Wave</b>	1988	Birklands and Bilhaugh	Ref: 68
1874 <i>Euchoeca nebulata</i> <b>Dingy Shell</b>	1986 1989 Wright, S. and Osborne, J.E. 2008	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner	Ref: 68 Ref: 68 Ref: 103
1875 <i>Asthena albulata</i> <b>Small White Wave</b>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1876 <i>Hydrelia flammeolaria</i> <b>Small Yellow Wave</b>	Brameld, R.E. Wright, S. and Osborne, J.E. <i>etal</i> 2006	Birklands and Bilhaugh Birklands West / Sherwood Heath	Ref: 1 Ref: 85
1879 <i>Lobophora halterata</i> <b>Seraphim</b>	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
1884 <i>Abraxas grossulariata</i> <b>Magpie</b>	Tillotson, I. 1986 1986	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 63 Ref: 68
1885 <i>Abraxas sylvata</i> <b>Clouded Magpie</b>			
1887 <i>Lomaspilis marginata</i> <b>Clouded Border</b>	Sterland and Brameld, R.E. Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 Orpe, K.J. 1986 Bee, L. and Parrack, J.D. 1987 1987 1988 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 88 Ref: 61 Ref: 68 Ref: 68 Ref: 62 Ref: 36
1888 <i>Ligdia adustata</i> <b>Scorched Carpet</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1889 <i>Macaria notata</i> <b>Peacock Moth</b>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1



1893 *Macaria liturata*  
**Tawny-barred Angle**

Harrison, F. 1967  
 Elliot, B. 1981  
 Heppenstall, R.I. 1982  
 Young, D.A. 1983  
 Bee, L and Riley, A.M. 1985  
 Bee, L. and Parrack, J.D. 1987  
 1989  
 1990  
 Pendleton, T.A. and Pendleton, D.T. 2008

Birklands and Bilhaugh  
 Birklands and Bilhaugh / Budby SF  
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 Ref: 61  
 Ref: 68  
 Ref: 68  
 Ref: 55

1894 *Chiasmia clathrata*  
**Latticed Heath**

Sterland  
 Bee, L and Riley, A.M. 1985  
 Pendleton, T.A. and Pendleton, D.T. 2007  
 Hursthouse, D. 2009  
 Pendleton, T.A. and Pendleton, D.T. 2009  
 Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
 Birklands and Bilhaugh  
 Birklands and Bilhaugh / Budby SF  
 Birklands and Bilhaugh / Budby SF  
 Birklands and Bilhaugh  
 Birklands and Bilhaugh / Budby SF

Ref: 1  
 Ref: 60  
 Ref: 36  
 Ref: 98  
 Ref: 36  
 Ref: 36

1902 *Petrophora chlorosata*  
**Brown Silver-line**

Elliott, B. and Hepworth, A. 1961  
 Bee, L. and Sterling, M.J. 1982  
 Bee, L. and Sterling, M.J. 1983  
 Motteram, M. 1983  
 Bee, L and Riley, A.M. 1985  
 Tillotson, I. 1986  
 1986  
 Orpe, K.J. 1986  
 Bee, L. and Parrack, J.D. 1987  
 1987  
 Bee, L. and Parrack, J.D. 1988  
 1988  
 1989  
 1990  
 Elliott, B. Budworth, D. and Travers-Ayre, I. 1995  
 Pendleton, T.A. and Pendleton, D.T. 2005  
 Pendleton, T.A. and Pendleton, D.T. 2006  
 Pendleton, T.A. and Pendleton, D.T. 2007  
 Baker, P. 2007  
 Pendleton, T.A. and Pendleton, D.T. 2008  
 Pendleton, T.A. and Pendleton, D.T. 2009  
 Pendleton, T.A. and Pendleton, D.T. 2009  
 Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
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 Birklands and Bilhaugh  
 Birklands West / Clipstone Old Qtr  
 Birklands West / Clipstone Old Qtr  
 Birklands West / Clipstone Old Qtr  
 Birklands and Bilhaugh / Budby SF  
 Birklands West / Clipstone Old Qtr  
 Birklands and Bilhaugh  
 Birklands and Bilhaugh / Budby SF  
 Birklands West / Clipstone Old Qtr

Ref: 1  
 Ref: 96  
 Ref: 57  
 Ref: 58  
 Ref: 81  
 Ref: 60  
 Ref: 63  
 Ref: 68  
 Ref: 88  
 Ref: 61  
 Ref: 68  
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 Ref: 68  
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 Ref: 68  
 Ref: 96  
 Ref: 36  
 Ref: 36  
 Ref: 36  
 Ref: 96  
 Ref: 36  
 Ref: 36  
 Ref: 36  
 Ref: 36

1904 *Plagodis dolabraria*  
**Scorched Wing**

Bee, L. and Sterling, M.J. 1982  
 Bee, L. and Sterling, M.J. 1983  
 Bee, L and Riley, A.M. 1985  
 Tillotson, I. 1986  
 1986

Birklands and Bilhaugh  
 Birklands and Bilhaugh  
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 Ref: 57  
 Ref: 58  
 Ref: 60  
 Ref: 63  
 Ref: 68

	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1989	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>etal</i> 2006	Birklands West / Sherwood Heath	Ref: 85
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Wright, S. and Osborne, J.E. 2008	Birklands West and Ollerton Corner	Ref: 103
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1906 <i>Opisthograptis luteolata</i> <b>Brimstone Moth</b>	Harrison, F. 1969	Birklands and Bilhaugh	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1907 <i>Epinone repandaria</i> <b>Bordered Beauty</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harman, T.W. 1975	Birklands and Bilhaugh	Ref: 48
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
1910 <i>Apeira syringaria</i> <b>Lilac Beauty</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
1912 <i>Ennomos quercinaria</i> <b>August Thorn</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Leivers, A.R. 1891	Birklands and Bilhaugh	Ref: 1
	Between 1961 and 1969	Birklands and Bilhaugh	Ref: 19
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Binding, A. 1999	Birklands and Bilhaugh	Ref: 79
1913 <i>Ennomos alniaria</i> <b>Canary-shouldered Thorn</b>	Harrison, F. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57

	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh	Ref: 109
1914 <i>Ennomos fuscantaria</i>			
<b>Dusky Thorn</b>	Harrison, F. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
1915 <i>Ennomos erosaria</i>			
<b>September Thorn</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Rodgers, W. 1857	Birklands and Bilhaugh	Ref: 1
	1951	Birklands and Bilhaugh	Ref: 52
	1976	Birklands and Bilhaugh	Ref: 48
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Statham, B. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1917 <i>Selenia dentaria</i>			
<b>Early Thorn</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1968	Birklands and Bilhaugh	Ref: 81
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Braddock, A. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58

	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1988	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1918 <i>Selenia lunularia</i> <b>Lunar Thorn</b>	Sterland	Birklands and Bilhaugh	Ref: 1
1919 <i>Selenia tetralunaria</i> <b>Purple Thorn</b>	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1920 <i>Odontopera bidentata</i> <b>Scalloped Hazel</b>	Harrison, F. 1969	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Young, D.A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1921 <i>Crocallis elinguaris</i> <b>Scalloped Oak</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55

	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1922 <i>Ourapteryx sambucaria</i> <b>Swallow-tailed Moth</b>	Bee, L. and Sterling, M.J. 1982 Tillotson, I. 1986 1986 Orpe, K.J. 1986 1988	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 63 Ref: 68 Ref: 88 Ref: 68
1923 <i>Colotois pennaria</i> <b>Feathered Thorn</b>	Sterland Porritt, G.T. 1871 Pearson, D.H. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 1987 Bee, L. and Parrack, J.D. 1987 1989 1990 Hursthouse, D. <i>etal</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 1 Ref: 1 Ref: 1 Ref: 57 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 68 Ref: 61 Ref: 68 Ref: 68 Ref: 109 Ref: 36
1924 <i>Angerona prunaria</i> <b>Orange Moth</b>	Sterland	Birklands and Bilhaugh	Ref: 1
1925 <i>Apocheima hispidaria</i> <b>Small Brindled Beauty</b>	Sterland Porritt, G.T. 1871 Wright, S. and Osborne, J.E. 2004 Wright, S. and Osborne, J.E. <i>etal</i> 2005	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Buck Gates Birklands and Bilhaugh / Buck Gates	Ref: 1 Ref: 1 Ref: 83 Ref: 84
1926 <i>Phigalia pilosaria</i> <b>Pale Brindled Beauty</b>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Sterling, M.J. 1984 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 Bee, L. and Parrack, J.D. 1987 1987 Bee, L. and Parrack, J.D. 1988 1988 1989 1990 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58 Ref: 59 Ref: 60 Ref: 63 Ref: 68 Ref: 61 Ref: 68 Ref: 62 Ref: 68 Ref: 68 Ref: 68 Ref: 68 Ref: 36
1927 <i>Lycia hirtaria</i> <b>Brindled Beauty</b>	Bee, L. and Sterling, M.J. 1982 Braddock, A. 1982 Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 81 Ref: 58

	Braddock, A. 1983	Birklands and Bilhaugh	Ref: 81
	Young, D.A. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L and Sterling, M.J. 1984	Birklands and Bilhaugh	Ref: 59
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 62
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
1930 <i>Biston strataria</i> <b>Oak Beauty</b>	Sterland	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Young, D.A. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1931 <i>Biston betularia</i> <b>Peppered Moth</b>	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 57
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 58
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 60
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 88
	1988	Birklands and Bilhaugh	Ref: 62
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 55
		Birklands and Bilhaugh	Ref: 36
1932 <i>Agriopis leucophaearia</i> <b>Spring Usher</b>	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Braddock, A. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L and Sterling, M.J. 1984	Birklands and Bilhaugh	Ref: 59
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1988	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36

1933 <i>Agriopsis aurantiaria</i> <b>Scarce Umber</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
1934 <i>Agriopsis marginaria</i> <b>Dotted Border</b>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Braddock, A. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1984	Birklands and Bilhaugh	Ref: 59
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1935 <i>Erannis defoliaria</i> <b>Mottled Umber</b>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Sterling, M.J. 1984	Birklands and Bilhaugh	Ref: 59
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1936 <i>Menophra abruptaria</i> <b>Waved Umber</b>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	1989	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1937 <i>Peribatodes rhomboidaria</i> <b>Willow Beauty</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68

	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1941 <i>Alcis repandata</i> <b>Mottled Beauty</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 81
	Harrison, F. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliott, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliott, B. 1981	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Young, D.A. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
1943 <i>Hypomecis roboraria</i> <b>Great Oak Beauty</b>	Sterland	Birklands and Bilhaugh	Ref: 1
	Statham, B. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Culpin, J. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1988	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West / Clipstone Old Qtr	Ref: 86
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Wright, S. and Osborne, J.E. 2008	Birklands West and Ollerton Corner	Ref: 103
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1947 <i>Ectropis bistortata</i> <b>Engrailed</b>	Porritt, G.T. 1871	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57



	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Braddock, A. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1948 <i>Ectropis crepuscularia</i> <b>Small Engrailed</b>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1968	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Young, D.A. 1983	Birklands and Bilhaugh	Ref: 81
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1951 <i>Aethalura punctulata</i> <b>Grey Birch</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Porritt, G.T. 1871	Birklands and Bilhaugh	Ref: 1
	Pearson, D.H. 1893	Birklands and Bilhaugh	Ref: 1
	Elliott, B. and Hepworth, A. 1961	Birklands and Bilhaugh	Ref: 96
	Harrison, F. 1969	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Braddock, A. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36

1952 <i>Ematurga atomaria</i> <b>Common Heath</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Heppenstall, R.I. 1982	Birklands and Bilhaugh / Budby SF	Ref: 81
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. 2007	Birklands and Bilhaugh / Budby SF	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF	Ref: 36
	Hursthouse, D. 2009	Birklands and Bilhaugh / Budby SF	Ref: 98
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
1954 <i>Bupalus piniaria</i> <b>Bordered White</b>			
	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 81
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 58
	1990	Birklands and Bilhaugh	Ref: 88
			Ref: 68
1955 <i>Cabera pusaria</i> <b>Common White Wave</b>			
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1969	Birklands and Bilhaugh	Ref: 81
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Harrison, F. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
1956 <i>Cabera exanthemata</i> <b>Common Wave</b>			
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36

1958 <i>Lomographa temerata</i> <b>Clouded Silver</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
1960 <i>Theria primaria</i> <b>Early Moth</b>	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Bee, L. and Sterling, M.J. 1984	Birklands and Bilhaugh	Ref: 59
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
1961 <i>Campaea margaritata</i> <b>Light Emerald</b>	1990	Birklands and Bilhaugh	Ref: 68
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
1962 <i>Hylaea fasciaria</i> <b>Barred Red</b>	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
1967 <i>Aspitates gilvaria</i> <b>Straw Belle</b>	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 98
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh	Ref: 109
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
1967 <i>Aspitates gilvaria</i> <b>Straw Belle</b>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Sterland	Birklands and Bilhaugh	Ref: 1

1970 *Perconia stringillaria*  
**Grass Wave**

Sterland  
Brameld, R.E.  
1916  
Heppenstall, R.I. 1982  
Bee, L. and Sterling, M.J. 1982  
Braddock, A. and Statham, B. 1983  
Bee, L. and Sterling, M.J. 1983  
Bee, L. and Riley, A.M. 1985  
Pendleton, T.A. and Pendleton, D.T. 2006  
Wright, S. and Osborne, J.E. 2007  
Hursthouse, D. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF

Ref: 1  
Ref: 1  
Ref: 1  
Ref: 81  
Ref: 57  
Ref: 81  
Ref: 58  
Ref: 60  
Ref: 36  
Ref: 86  
Ref: 98  
Ref: 36  
Ref: 36

## **Sphingidae**

### **Sphinginae**

1976 *Sphinx ligustri*  
**Privet Hawk-moth**

Talbot, W. 1859  
Brameld, R.E.

Birklands and Bilhaugh  
Birklands and Bilhaugh

Ref: 1  
Ref: 1

1978 *Hyloicus pinastri*  
**Pine Hawk-moth**

Pendleton, T.A. and Pendleton, D.T. 2006  
Wright, S. and Osborne, J.E. *etal* 2006  
Wright, S. and Osborne, J.E. *etal* 2007  
Wright, S. and Osborne, J.E. *etal* 2007  
Wright, S. and Osborne, J.E. 2008  
Hursthouse, D. *etal* 2009  
Leach, I. and Leach, K. 2009

Birklands West / Clipstone Old Qtr  
Birklands West / Sherwood Heath  
Birklands West and Ollerton Corner  
Birklands West / Clipstone Old Qtr  
Birklands West and Ollerton Corner  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF

Ref: 36  
Ref: 85  
Ref: 96  
Ref: 86  
Ref: 103  
Ref: 109  
Ref: 98

1979 *Mimis tiliae*  
**Lime Hawk-moth**

Sterling, M.J. 1983  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh

Ref: 81  
Ref: 36  
Ref: 36

1980 *Smerinthus ocellata*  
**Eyed Hawk-moth**

Elliott, B. and Hepworth, A. 1961  
Harrison, F. 1976  
Pendleton, T.A. and Pendleton, D.T. 1992  
Pendleton, T.A. and Pendleton, D.T. 1994

Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Birklands West / Sherwood Heath

Ref: 96  
Ref: 81  
Ref: 36  
Ref: 36

1981 *Laothoe populi*  
**Poplar Hawk-moth**

Bee, L. and Parrack, J.D. 1988  
1988  
1990  
Pendleton, T.A. and Pendleton, D.T. 2007  
Wright, S. and Osborne, J.E. *etal* 2007  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands West / Clipstone Old Qtr  
Birklands West and Ollerton Corner  
Birklands and Bilhaugh  
Birklands and Bilhaugh

Ref: 62  
Ref: 68  
Ref: 68  
Ref: 36  
Ref: 96  
Ref: 55  
Ref: 36

## Macroglossinae

1987 <i>Hyles galii</i> <b>Bedstraw Hawk-moth</b>	Sterland Pendleton, T.A. and Pendleton, D.T. 2004	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 36
1991 <i>Deilephila elpenor</i> <b>Elephant Hawk-moth</b>	Orpe, K.J. 1986 Pendleton, T.A. and Pendleton, D.T. 2004 Pendleton, T.A. and Pendleton, D.T. 2005 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 88 Ref: 36 Ref: 36 Ref: 55 Ref: 36
1992 <i>Deilephila porcellius</i> <b>Small Elephant Hawk-moth</b>	Porritt, G.T. 1871 Between 1961 and 1969 1982 Wright, S. and Osborne, J.E. <i>etal</i> 2006 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Sherwood Heath Birklands West / Sherwood Heath Birklands and Bilhaugh	Ref: 1 Ref: 19  Ref: 85 Ref: 86 Ref: 55

## Notodontidae

1994 <i>Phalera bucephala</i> <b>Buff tip</b>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 Orpe, K.J. 1986 1986 Bee, L. and Parrack, J.D. 1987 1990 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58 Ref: 60 Ref: 63 Ref: 88 Ref: 68 Ref: 61 Ref: 68 Ref: 36 Ref: 55 Ref: 36
1995 <i>Cerura vinula</i> <b>Puss Moth</b>	Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 36 Ref: 36 Ref: 36
1996 <i>Furcula bicuspis</i> <b>Alder Kitten</b>	Wright, S. and Osborne, J.E. 2006 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 85 Ref: 36
1997 <i>Furcula furcula</i> <b>Sallow Kitten</b>	Statham, B. 1983 Pendleton, T.A. and Pendleton, D.T. 2006 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands West and Ollerton Corner Birklands and Bilhaugh / Budby SF	Ref: 81 Ref: 36 Ref: 96 Ref: 109
1998 <i>Fercula bifida</i> <b>Poplar Kitten</b>	Rodgers, W. 1857 Talbot, W. 1860	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1

1999 <i>Stauropus fagi</i> <b>Lobster Moth</b>	Rodgers, W. 1857	Birklands and Bilhaugh	Ref: 1
	Batty, J. 1858	Birklands and Bilhaugh	Ref: 1
	Porritt, G.T. 1871	Birklands and Bilhaugh	Ref: 1
	Dennis, J. 1877	Birklands and Bilhaugh	Ref: 1
2000 <i>Notodonta dromedarius</i> <b>Iron Prominent</b>	Talbot, W. 1860	Birklands and Bilhaugh	Ref: 1
	Madden, G.C.R. 1872	Birklands and Bilhaugh	Ref: 1
	Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 81
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Statham, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Leach, I. and Leach, K. 2009	Birklands and Bilhaugh / Budby SF	Ref: 98
2003 <i>Notodonta ziczac</i> <b>Pebble Prominent</b>	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2005 <i>Peridea anceps</i> <b>Great Prominent</b>	Sterland 1848	Birklands and Bilhaugh	Ref: 1
	Rodgers, W. 1857	Birklands and Bilhaugh	Ref: 1
	Talbot, W. 1860	Birklands and Bilhaugh	Ref: 1
	Birmingham Entomological Society 1892	Birklands and Bilhaugh	Ref: 1
		Birklands and Bilhaugh	Ref: 48
2006 <i>Pheosia gnoma</i> <b>Lesser Swallow Prominent</b>	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 81
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Motteram, M. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68

	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Baker, P. Harte, K. and Ashford, K. 2009	Birklands and Bilhaugh / Budby SF	Ref: 98
2007 <i>Phoesia tremula</i> <b>Swallow Prominent</b>	Brameld, R.E. and Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
	Elliott, B. and Hepworth, A. 1961	Birklands and Bilhaugh	Ref: 96
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2008 <i>Ptilodon capucina</i> <b>Coxcomb Prominent</b>	Harrison, F. 1976	Birklands and Bilhaugh	Ref: 1
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Statham, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh / Budby SF	Ref: 81
	Motteram, M. 1983	Birklands and Bilhaugh	Ref: 57
	Tillotson, I. 1986	Birklands and Bilhaugh / Budby SF	Ref: 81
	1986	Birklands and Bilhaugh	Ref: 63
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 61
	1988	Birklands and Bilhaugh	Ref: 62
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2010 <i>Odontosia carmelita</i> <b>Scarce Prominent</b>	1954	Birklands and Bilhaugh	Ref: 52
	1975	Birklands and Bilhaugh	Ref: 47
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Wright, S. and Osborne, J.E. 2003	Birklands and Bilhaugh / Buck Gates	Ref: 82
	Finch, G. Finch, A. Statham, B. and Statham, M. 2004	Birklands West and Ollerton Corner	Ref: 83

	Wright, S. Osborne, J.E. and Fox, D.G. 2004	Birklands and Bilhaugh / Buck Gates	Ref: 83
	Wright, S. and Osborne, J.E. 2008	Birklands West and Ollerton Corner	Ref: 103
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2011 <i>Pterostoma palpina</i> <b>Pale Prominent</b>	Sterland	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2014 <i>Drymonia dodonaea</i> <b>Marbled Brown</b>	Smith, B. 1888	Birklands and Bilhaugh	Ref: 1
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Rodgers, W. 1857	Birklands and Bilhaugh	Ref: 1
	Batty, J. 1858	Birklands and Bilhaugh	Ref: 1
	Talbot, W. 1860	Birklands and Bilhaugh	Ref: 1
	Madden, G.C.R. 1872	Birklands and Bilhaugh	Ref: 1
	Ried, W. 1952	Birklands and Bilhaugh	Ref: 52
	Torlesse, A.D. 1958	Birklands and Bilhaugh	Ref: 81
	1964	Birklands and Bilhaugh	Ref: 52
2015 <i>Drymonia ruficornis</i> <b>Lunar Marbled Brown</b>	Sterland	Birklands and Bilhaugh	Ref: 1
	Elliott, B. and Hepworth, A. 1961	Birklands and Bilhaugh	Ref: 96
	Harrison, F. 1968	Birklands and Bilhaugh	Ref: 81
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Young, D.A. 1982	Birklands and Bilhaugh	Ref: 81
	Statham, B. 1983	Birklands and Bilhaugh	Ref: 48
	Young, D. A. 1983	Birklands and Bilhaugh	Ref: 81
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Wright, S and Osborne, J.E. 2003	Birklands and Bilhaugh / Buck Gates	Ref: 82
	Finch, G. Finch, A. Statham, B. and Statham, M. 2004	Birklands West and Ollerton Corner	Ref: 83
	Wright, S. Osborne, J.E. and Fox, D.G. 2004	Birklands and Bilhaugh / Buck Gates	Ref: 83
	Wright, S. and Osborne, J.E. 2008	Birklands West and Ollerton Corner	Ref: 103
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2017 <i>Clostera pigra</i> <b>Small Chocolate-tip</b>	Druro, T. Braddock, A. and Travers-Ayre, I. 1992	Birklands and Bilhaugh / Budby SF	Ref: 90
2020 <i>Diloba caeruleocephala</i> <b>Figure of Eight</b>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60



## ***Lymantriidae***

	Tillotson, I. 1986 1986	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 63 Ref: 68
2025 <i>Orgyia racens</i> <b>Scarce Vapourer</b>	1899	Birklands and Bilhaugh	Ref: 1
2026 <i>Orgyia antiqua</i> <b>Vapourer</b>	Bee, L and Riley, A.M. 1985 Binding, A. 1999 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Sherwood Heath	Ref: 60 Ref: 79 Ref: 36 Ref: 36 Ref: 36
2028 <i>Calliteara pudibunda</i> <b>Pale Tussock</b>	Sterland Elliott, B. Hepworth, A. and Spragg, P. 1961 Young, D.A. 1983 Motteram, M. 1983 Porritt, G.T. 1894 Harrison, F. 1969 Braddock, A. 1982 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L and Riley, A.M. 1985 Tillotson, I. 1986 1986 1987 Bee, L. and Parrack, J.D. 1987 1989 1990 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 1 Ref: 96 Ref: 81 Ref: 81 Ref: 1 Ref: 81 Ref: 81 Ref: 57 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 68 Ref: 61 Ref: 68 Ref: 68 Ref: 36 Ref: 36
2029 <i>Euproctis chrysorrhoea</i> <b>Brown-tail</b>	Sterland and Hardy, J.R.	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 48
2030 <i>Euproctis similis</i> <b>Yellow-tail</b>	Harrison, F. 1976 Elliot, B. 1981 Bee, L. and Sterling, M.J. 1982 Motteram, M. 1983 Bee, L. and Sterling, M.J. 1983 Bee, L and Riley, A.M. 1985 Tillotson, I. 1986 1986 Orpe, K.J. 1986 1987	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 81 Ref: 81 Ref: 57 Ref: 81 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 88 Ref: 68

		Bee, L. and Parrack, J.D. 1987 1989 1990 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 61 Ref: 68 Ref: 68 Ref: 96 Ref: 55 Ref: 36 Ref: 109 Ref: 36 Ref: 111
2031	<i>Leucoma salicis</i> <b>White Satin</b>	Statham, B.L. 1989 Wright, S. and Osborne, J.E. 2008	Birklands and Bilhaugh Birklands West and Ollerton Corner	Ref: 49 Ref: 103
2033	<i>Lymantria monacha</i> <b>Black Arches</b>	Sterland Rodgers, W. 1857 Batty, J. 1858 Young, J.N. 1882 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1 Ref: 1 Ref: 1 Ref: 55 Ref: 36
<b>Arctiidae</b>				
<b>Lithosiinae</b>				
2037	<i>Mitochrista miniata</i> <b>Rosy Footman</b>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
2038	<i>Nudaria mundana</i> <b>Muslin Footman</b>	Sterland, Brameld, R.E. and Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
2039	<i>Atolmis rubricollis</i> <b>Red-necked Footman</b>	Sterland Unknown	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 48
2040	<i>Cybosia mesomella</i> <b>Four-dotted Footman</b>	Brameld, R.E. Tryer, R. and Tryer, W. 1868	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1
2043	<i>Eilema sororcula</i> <b>Orange Footman</b>	Wright, S. and Osborne, J.E. 2006 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 85 Ref: 36
2044	<i>Eilema griseola</i> <b>Dingy Footman</b>	Bee, L. and Sterling, M.J. 1983 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Wright, S. Osborne, J.E. and Fox, D.G. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 58 Ref: 96 Ref: 55 Ref: 103 Ref: 36 Ref: 109

2047 *Eilema complana*  
**Scarce Footman**

Sterland  
Talbot, W. 1860  
Wright, S. and Osborne, J.E. 2006  
Wright, S. and Osborne, J.E. *etal* 2006  
Wright, S. and Osborne, J.E. *etal* 2007  
Wright, S. and Osborne, J.E. *etal* 2007  
Pendleton, T.A. and Pendleton, D.T. 2008  
Wright, S. Osborne, J.E. and Fox, D.G. 2008  
Hursthouse, D. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Hursthouse, D. *etal* 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Binding, A.E. and Binding, A. 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands West / Sherwood Heath  
Birklands West and Ollerton Corner  
Birklands West / Sherwood Heath  
Birklands and Bilhaugh  
Birklands West and Ollerton Corner  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Birklands West / Clipstone Old Qtr  
Birklands and Bilhaugh  
Ref: 1  
Ref: 1  
Ref: 85  
Ref: 85  
Ref: 96  
Ref: 86  
Ref: 36  
Ref: 103  
Ref: 98  
Ref: 36  
Ref: 109  
Ref: 36  
Ref: 36  
Ref: 111

2049 *Eilema depressa*  
**Buff Footman**

Wright, S. and Osborne, J.E. *etal* 2007  
Pendleton, T.A. and Pendleton, D.T. 2008  
Wright, S. and Osborne, J.E. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009  
Hursthouse, D. *etal* 2009

Birklands West and Ollerton Corner  
Birklands and Bilhaugh  
Birklands West and Ollerton Corner  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Ref: 96  
Ref: 55  
Ref: 103  
Ref: 36  
Ref: 109

2050 *Eilema Lurideola*  
**Common Footman**

Sterland and Brameld, R.E.  
Bee, L. and Sterling, M.J. 1982  
Bee, L. and Sterling, M.J. 1983  
Bee, L. and Riley, A.M. 1985  
Tillotson, I. 1986  
1986  
1987  
Bee, L. and Parrack, J.D. 1987  
Bee, L. and Parrack, J.D. 1988  
1988  
1990  
Wright, S. and Osborne, J.E. *etal* 2007  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009  
Hursthouse, D. *etal* 2009  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands West and Ollerton Corner  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands West / Clipstone Old Qtr  
Ref: 1  
Ref: 57  
Ref: 58  
Ref: 60  
Ref: 63  
Ref: 68  
Ref: 68  
Ref: 61  
Ref: 62  
Ref: 68  
Ref: 68  
Ref: 96  
Ref: 55  
Ref: 36  
Ref: 36  
Ref: 109  
Ref: 36

2051 *Lithosia quadra*  
**Four-spotted Footman**

Sterland

Birklands and Bilhaugh  
Ref: 1

**Arctiinae**

2057 *Arctia villica*  
**Garden Tiger**

Bilore, W. 1954

Birklands and Bilhaugh  
Ref: 81

2059 *Diacrisia sannio*  
**Clouded Buff**

Tryer, R. and Tryer, W. 1868  
Between 1961 and 1969  
Bee, L. and Sterling, M.J. 1982

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Ref: 1  
Ref: 19  
Ref: 57

	Heppenstall, R.I. 1982	Birklands and Bilhaugh	Ref: 81
	Statham, B. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. 2009	Birklands and Bilhaugh	Ref: 98
2060 <i>Spilosoma lubricipeda</i> <b>White Ermine</b>	Carr, L.A.	Birklands and Bilhaugh	Ref: 1
	Elliott, B. and Hepworth, A. 1961	Birklands and Bilhaugh	Ref: 96
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2061 <i>Spilosoma luteum</i> <b>Buff Ermine</b>	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 81
	Harrison, F. 1969	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2062 <i>Spilosoma urticae</i> <b>Water Ermine</b>	Sterland	Birklands and Bilhaugh	Ref: 1
	1899	Birklands and Bilhaugh	Ref: 1

2063 *Diaphora mendica*  
**Muslin Moth**

Sterland and Brameld, R.E.  
Bee, L. and Sterling, M.J. 1982  
Young, D.A. 1982  
Bee, L and Riley, A.M. 1985  
Tillotson, I. 1986  
1987  
Bee, L. and Parrack, J.D. 1987  
Bee, L. and Parrack, J.D. 1988  
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Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
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Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh

Ref: 1  
Ref: 57  
Ref: 81  
Ref: 60  
Ref: 63  
Ref: 68  
Ref: 68  
Ref: 61  
Ref: 62  
Ref: 68  
Ref: 68  
Ref: 68

2064 *Phragmatobia fuliginosa*  
**Ruby Tiger**

Sterland, Brameld, R.E. and Hardy, J.R.  
Harrison, F. 1969  
Harrison, F. 1976  
Sterling, M.J. 1981  
Bee, L. and Sterling, M.J. 1982  
1989  
1990  
Wright, S. and Osborne, J.E. *etal* 2007  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands West and Ollerton Corner  
Birklands and Bilhaugh

Ref: 1  
Ref: 81  
Ref: 81  
Ref: 81  
Ref: 57  
Ref: 68  
Ref: 68  
Ref: 96  
Ref: 36

2069 *Tyria jacobaeae*  
**Cinnabar**

Harrison, F. 1980  
Bee, L. and Sterling, M.J. 1982  
Bee, L. and Sterling, M.J. 1983  
Bee, L and Riley, A.M. 1985  
Bee, L. and Parrack, J.D. 1987  
1987  
Bee, L. and Parrack, J.D. 1988  
1988  
1989  
1990  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Binding, A.E. and Binding, A. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Birklands West / Sherwood Heath  
Birklands West / Clipstone Old Qtr

Ref: 81  
Ref: 57  
Ref: 58  
Ref: 60  
Ref: 61  
Ref: 68  
Ref: 62  
Ref: 68  
Ref: 68  
Ref: 68  
Ref: 55  
Ref: 36  
Ref: 36  
Ref: 111  
Ref: 36  
Ref: 36

**Nolidae**

2077 *Nola confusalis*  
**Short-cloaked Moth**

Sterland and Brameld, R.E.  
Bee, L. and Sterling, M.J. 1982  
Bee, L. and Sterling, M.J. 1983  
Bee, L and Riley, A.M. 1985

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh

Ref: 1  
Ref: 57  
Ref: 58  
Ref: 60

1988	Birklands and Bilhaugh	Ref: 68
1990	Birklands and Bilhaugh	Ref: 68
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36

2078 *Nola confusalis*  
**Least Black Arches**

Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
Wright, S. and Osborne, J.E. 2003	Birklands and Bilhaugh / Buck Gates	Ref: 82
Wright, S. Osborne, J.E. and Fox, D.G. 2004	Birklands and Bilhaugh / Buck Gates	Ref: 83
Wright, S. and Osborne, J.E. <i>etal</i> 2004	Birklands and Bilhaugh / Proteus Sq	Ref: 83
Wright, S. and Osborne, J.E. 2006	Birklands West / Clipstone Old Qtr	Ref: 85
Baker, P.S. 2006	Birklands and Bilhaugh	Ref: 85
Baker, P.S. 2006	Birklands and Bilhaugh / Budby SF	Ref: 85
Baker, P.S. 2007	Birklands and Bilhaugh	Ref: 86
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36

## Noctuidae

### Noctuinae

2080 *Euxoa obelisca*  
**Square-spot Dart**

Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
1899	Birklands and Bilhaugh	Ref: 48

2081 *Euxoa tritici*  
**White-line Dart**

Porritt, G.T. 1894	Birklands and Bilhaugh	Ref: 1
Elliott, B. 1967	Birklands and Bilhaugh	Ref: 81
Harman, T.W. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
Sterling, M.J. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
Statham, B. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
1990	Birklands and Bilhaugh	Ref: 68

2082 *Euxoa nigricans*  
**Garden Dart**

Harman, T.W. 1975	Birklands and Bilhaugh	Ref: 1
1989	Birklands and Bilhaugh / Budby SF	Ref: 81
	Birklands and Bilhaugh	Ref: 68

2085 *Agrotis vestigialis*  
**Archer's Dart**

Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
Ried, W. 1951	Birklands and Bilhaugh	Ref: 52

2087 *Agrotis segetum*  
**Turnip Moth**

Harman, T.W. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
Statham, B. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
Braddock, A. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
1987	Birklands and Bilhaugh	Ref: 68

	1988	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2088 <i>Agrotis clavis</i> <b>Heart and Club</b>	Sterland	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
2089 <i>Agrotis exclamationis</i> <b>Heart and Dart</b>	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2091 <i>Agrotis ipsilon</i> <b>Dark Sword-grass</b>	Elliot, B. and Statham, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 96
	Young, D.A. 1982	Birklands and Bilhaugh	Ref: 81
	Statham, B. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliott, B. 1996	Birklands and Bilhaugh / Budby SF	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2092 <i>Agrotis puta</i> <b>Shuttle-shaped Dart</b>	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. 1996	Birklands and Bilhaugh / Budby SF	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2098 <i>Axylia putris</i> <b>Flame</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68

	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2099 <i>Actebia praecox</i> <b>Portland Moth</b>	Harman, T.W. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
2102 <i>Ochropleura plecta</i> <b>Flame Shoulder</b>	Harrison, F. 1969	Birklands and Bilhaugh	Ref: 81
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2105 <i>Rhyacia simulans</i> <b>Dotted Rustic</b>			
2107 <i>Noctua pronuba</i> <b>Large Yellow Underwing</b>	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 81
	Harman, T.W. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
	Harrison, F. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36



	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh	Ref: 109
2108 <i>Noctua orbona</i>	Talbot, W. 1860	Birklands and Bilhaugh	Ref: 1
<b>Lunar Yellow Underwing</b>	Sterland	Birklands and Bilhaugh	Ref: 1
	1916	Birklands and Bilhaugh	Ref: 1
2109 <i>Noctua comes</i>	Harrison, F. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
<b>Lesser Yellow Underwing</b>	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh	Ref: 109
2110 <i>Noctua fimbriata</i>	Harrison, F. 1975	Birklands and Bilhaugh	Ref: 1
<b>Broad-bordered Yellow Underwing</b>	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Young, D.A. 1982	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 81
	Young, D.A. 1983	Birklands and Bilhaugh	Ref: 57
	Young, D.A. 1983	Birklands and Bilhaugh	Ref: 81
	Duro, T. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 81
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 60
	1986	Birklands and Bilhaugh	Ref: 63
	1989	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
		Birklands and Bilhaugh	Ref: 109
2111 <i>Noctua janthe</i>	Harrison, F. 1975	Birklands and Bilhaugh	Ref: 1
<b>Lesser Broad-bordered Yellow Underwing</b>	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 57
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 60
	1986	Birklands and Bilhaugh	Ref: 63
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68

	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2112 <i>Noctua interjecta</i> <b>Least Yellow Underwing</b>	Brameld, R.E. Harman, T.W. 1975 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 55
2113 <i>Spaelotis ravida</i> <b>Stout Dart</b>	Harman, T.W. 1975 Elliot, B. 1981	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 81 Ref: 81
2114 <i>Graphiphora augur</i> <b>Double Dart</b>	Tillotson, I. 1986 1986 Orpe, K.J. 1986 1987 Bee, L. and Parrack, J.D. 1987 1990	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 63 Ref: 68 Ref: 88 Ref: 68 Ref: 61 Ref: 68
2117 <i>Eugnorisma glareosa</i> <b>Autumnal Rustic</b>	Sterland, Birchall and others Elliot, B. 1981 Bee, L. and Sterling, M.J. 1982 Motteram, M. 1983 Bee, L. and Riley, A.M. 1985 Bee, L. and Parrack, J.D. 1987 1987 1988 1990 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 57 Ref: 81 Ref: 60 Ref: 61 Ref: 68 Ref: 68 Ref: 68 Ref: 68 Ref: 55 Ref: 36 Ref: 109
2118 <i>Lycophotia porphyrea</i> <b>True Lover's Knot</b>	Harrison, F. 1975 Harrison, F. 1976 Sterling, M.J. 1981 Bee, L. and Sterling, M.J. 1982 Orpe, K.J. 1986 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 81 Ref: 81 Ref: 81 Ref: 57 Ref: 88 Ref: 96 Ref: 55 Ref: 36 Ref: 109 Ref: 36
2119 <i>Peridroma saucia</i> <b>Pearly Underwing</b>	Brameld, R.E. Statham, B. 1983	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 81
2120 <i>Diarsia mendica</i> <b>Ingrailed Clay</b>	Harrison, F. 1967 Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 57

2121 <i>Diarsia dahlia</i> <b>Barred Chestnut</b>	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2122 <i>Diarsia brunnea</i> <b>Purple Clay</b>	Harrison, F. 1975	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh / Budby SF	Ref: 52
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 57
	Young, D.A. 1983	Birklands and Bilhaugh	Ref: 81
	Sterling, M.J. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 58
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 60
	1986	Birklands and Bilhaugh	Ref: 63
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 61
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh	Ref: 68
		Birklands and Bilhaugh / Budby SF	Ref: 109
	Sterland	Birklands and Bilhaugh	Ref: 1
	Brameld, R.E. 1893	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Young, D.A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 58
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 60
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 63
	1987	Birklands and Bilhaugh	Ref: 61
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 55
		Birklands and Bilhaugh	Ref: 36

2123	<i>Diarsia rubi</i> <b>Small Square-spot</b>	Harrison, F. 1975 Harrison, F. 1976 Elliot, B. 1981 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Tillotson, I. 1986 Orpe, K.J. 1986 Bee, L. and Parrack, J.D. 1988 1988 1989 1990 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 81 Ref: 81 Ref: 81 Ref: 57 Ref: 58 Ref: 63 Ref: 88 Ref: 62 Ref: 68 Ref: 68 Ref: 68 Ref: 55 Ref: 36 Ref: 109
2124	<i>Diarsia florida</i> <b>Fen Square-spot</b>	Between 1961 and 1969	Birklands and Bilhaugh	Ref: 19
2126	<i>Xestia c-nigrum</i> <b>Setaceous Hebrew Character</b>	Harrison, F. 1967 Motteram, M. 1983 Elliott, B. 1983 Orpe, K.J. 1986 1990 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Hursthouse, D. <i>etal</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 81 Ref: 96 Ref: 88 Ref: 68 Ref: 96 Ref: 55 Ref: 109 Ref: 36 Ref: 109
2127	<i>Xestia ditrapezium</i> <b>Triple-spotted Clay</b>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
2128	<i>Xestia triangulum</i> <b>Double Square-spot</b>	Brameld, R.E. Elliot, B. 1981 Lady Robinson 1893 Harrison, F. 1968 Bee, L. and Sterling, M.J. 1982 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 1987 Bee, L. and Parrack, J.D. 1987 1990 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 1 Ref: 81 Ref: 57 Ref: 60 Ref: 63 Ref: 68 Ref: 68 Ref: 68 Ref: 61 Ref: 68 Ref: 55 Ref: 36

		Hursthhouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2130	<i>Xestia baja</i> <b>Dotted Clay</b>	Harrison, F. 1975	Birklands and Bilhaugh	Ref: 1
		Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
		Sterling, M.J. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
		Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
		Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
		Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
		Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
		1986	Birklands and Bilhaugh	Ref: 68
		1987	Birklands and Bilhaugh	Ref: 68
		Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
		1988	Birklands and Bilhaugh	Ref: 68
		1989	Birklands and Bilhaugh	Ref: 68
		1990	Birklands and Bilhaugh	Ref: 68
		Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Hursthhouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2132	<i>Xestia castanea</i> <b>Neglected Rustic</b>	Wilson, J. and Grace, T. 1858	Birklands and Bilhaugh	Ref: 1
2133	<i>Xestia sexstrigata</i> <b>Six-striped Rustic</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
		Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
		Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
		Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
		1986	Birklands and Bilhaugh	Ref: 68
		1987	Birklands and Bilhaugh	Ref: 68
		Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
		1988	Birklands and Bilhaugh	Ref: 68
		1989	Birklands and Bilhaugh	Ref: 68
		1990	Birklands and Bilhaugh	Ref: 68
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Hursthhouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2134	<i>Xestia xanthographa</i> <b>Square-spot Rustic</b>	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 1
		Harrison, F. 1975	Birklands and Bilhaugh	Ref: 81
		Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
		Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
		Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
		Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
		Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
		Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
		Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63

	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 54
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 98
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh	Ref: 109
2135 <i>Xestia agathina</i> <b>Heath Rustic</b>	Sheldon, W.G. 1890	Birklands and Bilhaugh	Ref: 1
	Elliott, B. 1996	Birklands and Bilhaugh / Budby SF	Ref: 96
	Wright, S. and Osborne, J.E. 2005	Birklands West / Sherwood Heath	Ref: 84
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2136 <i>Naenia typica</i> <b>Gothic</b>	1988	Birklands and Bilhaugh	Ref: 1
		Birklands and Bilhaugh	Ref: 54
2137 <i>Eurois occulta</i> <b>Great Brocade</b>	Sterland	Birklands and Bilhaugh	Ref: 1
	Madden, G.C.R. 1872	Birklands and Bilhaugh	Ref: 1
2138 <i>Anaplectoides prasina</i> <b>Green Arches</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
2139 <i>Cerastis rubricosa</i> <b>Red Chestnut</b>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliott, B. 1961	Birklands and Bilhaugh	Ref: 96
	Harrison, F. 1968	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Braddock, A. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2140 <i>Cerastis leucographa</i> <b>White-marked</b>	Sterland	Birklands and Bilhaugh	Ref: 1
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

## **Hadeninae**

2142 <i>Anarta myrtilli</i> <b>Beautiful Yellow Underwing</b>	Brameld, R.E. Sterling, M.J. Wright, S. and Osborne, J.E. <i>etal</i> 2006 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Sherwood Heath Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 81 Ref: 85 Ref: 36 Ref: 36
2145 <i>Discestra trifolii</i> <b>Nutmeg</b>	Harrison, F. 1976 Elliot, B. 1981 Motteram, M. 1983 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 1990	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 81 Ref: 81 Ref: 81 Ref: 58 Ref: 61 Ref: 68 Ref: 68
2148 <i>Polia bombycina</i> <b>Pale Shining Brown</b>	Sterland	Birklands and Bilhaugh	Ref: 1
2149 <i>Polia trimaculosa</i> <b>Silvery Arches</b>	1899	Birklands and Bilhaugh	Ref: 48
2150 <i>Polia nebulosa</i> <b>Grey Arches</b>	Harrison, F. 1967 Bee, L. and Sterling, M.J. 1982 Young, D.A. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Orpe, K.J. 1986 Tillotson, I. 1986 1986 1987 Bee, L. and Parrack, J.D. 1987 1989 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 57 Ref: 81 Ref: 58 Ref: 60 Ref: 88 Ref: 63 Ref: 68 Ref: 68 Ref: 61 Ref: 68 Ref: 36
2152 <i>Sideridis albicolon</i> <b>White Colon</b>	Brameld, R.E. 1899	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 48
2154 <i>Manestra brassicae</i> <b>Cabbage Moth</b>	Motteram, M. 1983 Bee, L. and Riley, A.M. 1985 Bee, L. and Parrack, J.D. 1987 1988 1990	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 81 Ref: 60 Ref: 61 Ref: 68 Ref: 68 Ref: 68
2153 <i>Heliophobus retioclata</i> <b>Bordered Gothic</b>	Sterland and Brameld, R.E. Tryer, R. and Tryer, W. Porritt, G.T. Hardy, J.R.	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1 Ref: 1 Ref: 1

	1916	Birklands and Bilhaugh	Ref: 1
2155 <i>Melanchra persicariae</i> <b>Dot Moth</b>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Riley, A.M. 1985 Orpe, K.J. 1986 Bee, L. and Parrack, J.D. 1987 1987 1990	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 60 Ref: 88 Ref: 61 Ref: 68 Ref: 68
2156 <i>Lacanobia contigua</i> <b>Beautiful Brocade</b>	1950 1954 Between 1961 and 1967 Harrison, F 1967 1968 Harrison, F 1968 Reid, W. 1968 1968 1969 Skinner, B. 1984 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 1987 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 1988 1989 Wright, S. and Osborne, J.E. <i>etal</i> 2006 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Sherwood Heath Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 52 Ref: 52 Ref: 19 Ref: 81 Ref: 19 Ref: 81 Ref: 48 Ref: 48 Ref: 19 Ref: 50 Ref: 60 Ref: 63 Ref: 68 Ref: 68 Ref: 61 Ref: 62 Ref: 68 Ref: 68 Ref: 85 Ref: 86 Ref: 55 Ref: 36
2157 <i>Lacanobia w-latinum</i> <b>Light Brocade</b>	Brameld, R.E. 1952	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 48
2158 <i>Lacanobia thalassina</i> <b>Pale-shouldered Brocade</b>	Brameld, R.E. and Porritt, G.T. Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 1987 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 1988 1989 1990 Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 60 Ref: 63 Ref: 68 Ref: 68 Ref: 61 Ref: 62 Ref: 68 Ref: 68 Ref: 68 Ref: 68



	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2159 <i>Lacanobia suasa</i> <b>Dog's Tooth</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
2160 <i>Lacanobia oleracea</i> <b>Bright-line Brown-eye</b>	Harrison, F 1967 Harrison, F 1969 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 Orpe, K.J. 1986 1987 Bee, L. and Parrack, J.D. 1987 1989 1990 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 81 Ref: 81 Ref: 57 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 88 Ref: 68 Ref: 61 Ref: 68 Ref: 68 Ref: 55 Ref: 36 Ref: 109
2163 <i>Melanchra pisi</i> <b>Broom Moth</b>	Brameld, R.E. Harrison, F 1967 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Tillotson, I. 1986 1986 Orpe, K.J. 1986 1987 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 1988 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 57 Ref: 58 Ref: 63 Ref: 68 Ref: 88 Ref: 68 Ref: 61 Ref: 62 Ref: 68 Ref: 36
2164 <i>Hecatera bicolorata</i> <b>Broad-barred White</b>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
2166 <i>Dianthoecia cucubali</i> <b>Campion</b>	Sterland, Brameld, R.E. and Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
2167 <i>Dianthoecia carpophaga</i> <b>Tawny Shears</b>	Sterland	Birklands and Bilhaugh	Ref: 1
2173 <i>Hadena bicruris</i> <b>Lychnis</b>	Sterland and Brameld, R.E. Harrison, F. 1976	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 81
2176 <i>Cerapteryx graminis</i> <b>Antler Moth</b>	Harrison, F 1967	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81

	Harrison, F. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Sterling, M.J. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	Ref: 36
2177 <i>Thilera cespitis</i> <b>Hedge Rustic</b>			
	Elliot, B. 1981	Birklands and Bilhaugh	Ref: 1
	Tillotson, I. 1986	Birklands and Bilhaugh / Budby SF	Ref: 81
	1986	Birklands and Bilhaugh	Ref: 63
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
		Birklands and Bilhaugh	Ref: 109
2179 <i>Panolis flammea</i> <b>Pine Beauty</b>			
	Sterland	Birklands and Bilhaugh	Ref: 1
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2182 <i>Orthosia cruda</i> <b>Small Quaker</b>			
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harrison, F 1968	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Statham, B. 1983	Birklands and Bilhaugh	Ref: 81
	Duro, T. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J 1984	Birklands and Bilhaugh	Ref: 59
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68

	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2183 <i>Orthosia miniosa</i> <b>Blossom Underwing</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Porritt, G.T. 1871	Birklands and Bilhaugh	Ref: 1
	1899	Birklands and Bilhaugh	Ref: 48
2185 <i>Orthosia populeti</i> <b>Lead-coloured Drab</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Between 1961 and 1969	Birklands and Bilhaugh	Ref: 19
2186 <i>Orthosia gracilis</i> <b>Powdered Quaker</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1984	Birklands and Bilhaugh	Ref: 59
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
2187 <i>Orthosia cerasi</i> <b>Common Quaker</b>	Harrison, F. 1968	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Motteram, M. 1983	Birklands and Bilhaugh	Ref: 81
	Duro, T. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1984	Birklands and Bilhaugh	Ref: 59
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2188 <i>Orthosia incerta</i> <b>Clouded Drab</b>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliott, B. 1961	Birklands and Bilhaugh	Ref: 96
	Harrison, F. 1968	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Motteram, M. 1983	Birklands and Bilhaugh	Ref: 81

	Bee, L and Sterling, M.J. 1984	Birklands and Bilhaugh	Ref: 59
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2189 <i>Orthosia munda</i> <b>Twin-spotted Quaker</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Statham, B. 1983	Birklands and Bilhaugh	Ref: 81
	Young, D.A. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L and Sterling, M.J. 1984	Birklands and Bilhaugh	Ref: 59
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
2190 <i>Orthosia gothica</i> <b>Hebrew Character</b>	Elliott, B. 1961	Birklands and Bilhaugh	Ref: 96
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Motteram, M. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L and Sterling, M.J. 1984	Birklands and Bilhaugh	Ref: 59
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36

2191 <i>Mythimna turca</i> <b>Double Line</b>	Sterland	Birklands and Bilhaugh	Ref: 1
	Hardy, J.R. 1896	Birklands and Bilhaugh	Ref: 1
2192 <i>Mythimna conigera</i> <b>Brown-line Bright-eye</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Sterling, M.J. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
2193 <i>Mythimna ferrago</i> <b>Clay</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2198 <i>Mythimna impura</i> <b>Smoky Wainscot</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2199 <i>Mythimna pallens</i> <b>Common Wainscot</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 52
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh	Ref: 109

<b>Cuculliinae</b>	2205 <i>Mythimna comma</i> <b>Shoulder-striped Wainscot</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1987 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 1988 1989 1990 Baker, P. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 57 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 68 Ref: 61 Ref: 62 Ref: 68 Ref: 68 Ref: 68 Ref: 68 Ref: 96 Ref: 55 Ref: 36 Ref: 109
	2216 <i>Cucullia umbratica</i> <b>Shark</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	2221 <i>Cucullia verbasci</i> <b>Mullein</b>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	2225 <i>Brachyloma viminalis</i> <b>Minor Shoulder-knot</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	2231 <i>Aporophyla lutulenta</i> <b>Deep-brown Dart</b>	1958 Braddock, A. 1983 Statham, B. 1983 Hursthouse, D. <i>etal</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 52 Ref: 81 Ref: 81 Ref: 109 Ref: 36
	2232 <i>Aporophyla nigra</i> <b>Black Rustic</b>	Elliot, B. 1981 Braddock, A. 1983 Statham, B. 1983 Bee, L. and Riley, A.M. 1985 1988 1989 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 81 Ref: 81 Ref: 81 Ref: 60 Ref: 68 Ref: 68 Ref: 55 Ref: 36 Ref: 109
	2233 <i>Lithomoia solidaginis</i> <b>Golden-rod Brindle</b>	Hardy, J.R. 1898	Birklands and Bilhaugh	Ref: 1

2236 <i>Lithophane hepatica</i> <b>Pale Pinion</b>	Wright, S. Osborne, J.E. and Howat, C. 2006 Wright, S. and Osborne, J.E. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr Birklands West and Ollerton Corner Birklands and Bilhaugh	Ref: 85 Ref: 103 Ref: 36
2237 <i>Lithophane ornitopus</i> <b>Grey Shoulder-knot</b>	Wright, S. Osborne, J.E. and Fox, D.J. 2004 Pendleton, T.A. and Pendleton, D.T. 2006 Wright, S. Osborne, J.E. and Howat, C. 2006 Wright, S. and Osborne, J.E. 2007 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Buck Gates Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 83 Ref: 36 Ref: 85 Ref: 86 Ref: 36 Ref: 36 Ref: 36 Ref: 36
2240 <i>Lithophane leautieri</i> <b>Blair's Shoulder-knot</b>	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
2242 <i>Xylena exoleta</i> <b>Sword-grass</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
2243 <i>Xylocampa areola</i> <b>Early Grey</b>	Bee, L. and Parrack, J.D. 1987 1987	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 61 Ref: 68
2245 <i>Allophytes oxyacanthae</i> <b>Green-brindled Crescent</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Motteram, M. 1983 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 1987 1989	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 81 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 68 Ref: 68
2247 <i>Dichonia aprilina</i> <b>Merveille du jour</b>	Sterland and Brameld, R.E. Braddock, A. 1983	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81
2248 <i>Dryobotodes eremita</i> <b>Brindled Green</b>	Brameld, R.E. Elliott, B. 1967 Braddock, A. 1983 Statham, B. 1983 Elliott, B. 1983 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 1987 Bee, L. and Parrack, J.D. 1987 1988 1989	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 81 Ref: 81 Ref: 96 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 68 Ref: 68 Ref: 61 Ref: 68 Ref: 68

[illegible]



	Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 55 Ref: 36 Ref: 109
2259 <i>Conistra ligula</i> <b>Dark Chestnut</b>	Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 1987 1988 Wright, S. and Osborne, J.E. 2004 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Buck Gates Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 58 Ref: 61 Ref: 68 Ref: 68 Ref: 83 Ref: 36 Ref: 109
2260 <i>Conistre rubiginea</i> <b>Dotted Chestnut</b>			
2262 <i>Agrochola circellaris</i> <b>Brick</b>	Bee, L. and Sterling, M.J. 1983 Elliott, B. 1983 Statham, B. 1983 Motteram, M. 1983 Tillotson, I. 1986 1986 1990 Pendleton, T.A. and Pendleton, D.T. 2008 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 58 Ref: 96 Ref: 81 Ref: 81 Ref: 63 Ref: 68 Ref: 68 Ref: 55 Ref: 109
2263 <i>Agrochola lota</i> <b>Red-line Quaker</b>	Sterland and Brameld, R.E. Bee, L. and Sterling, M.J. 1983 Tillotson, I. 1986 1990 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 58 Ref: 63 Ref: 68 Ref: 109
2264 <i>Agrochola macilenta</i> <b>Yellow-line Quaker</b>	Sterland and Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Braddock, A. 1982 Bee, L. and Sterling, M.J. 1983 Statham, B. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 1987 Bee, L. and Parrack, J.D. 1987 1988 1989 1990 Pendleton, T.A. and Pendleton, D.T. 2008 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 57 Ref: 81 Ref: 58 Ref: 81 Ref: 60 Ref: 63 Ref: 68 Ref: 68 Ref: 61 Ref: 68 Ref: 68 Ref: 68 Ref: 55 Ref: 109

	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2265 <i>Agrochola helvola</i> <b>Flounced Chestnut</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Elliott, B. 1983	Birklands and Bilhaugh / Budby SF	Ref: 96
	Statham, B. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2266 <i>Agrochola litura</i> <b>Brown-spot Pinion</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Young, D.A. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
2267 <i>Agrochola lychnidis</i> <b>Beaded Chestnut</b>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Elliott, B. 1983	Birklands and Bilhaugh / Budby SF	Ref: 96
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
2268 <i>Parastichtis suspecta</i> <b>Suspected</b>	Brameld, R.E. Talbot, W. Madden, G.C.R.	Birklands and Bilhaugh	Ref: 1
	Porritt, G.T. and Becher, W.	Birklands and Bilhaugh	Ref: 1
	1961	Birklands and Bilhaugh	Ref: 19
	1962	Birklands and Bilhaugh	Ref: 19
	1963	Birklands and Bilhaugh	Ref: 19
	1964	Birklands and Bilhaugh	Ref: 19
	1965	Birklands and Bilhaugh	Ref: 19

	1966	Birklands and Bilhaugh	Ref: 19
	1967	Birklands and Bilhaugh	Ref: 19
	1968	Birklands and Bilhaugh	Ref: 19
	1969	Birklands and Bilhaugh	Ref: 19
	Harman, T.W. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
	Sterling, M.J. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>etal</i> 2006	Birklands West / Sherwood Heath	Ref: 85
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West / Clipstone Old Qtr	Ref: 86
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Wright, S. and Osborne, J.E. 2008	Birklands West and Ollerton Corner	Ref: 103
2269 <i>Atethmia centrargo</i> <b>Centre-barred Sallow</b>	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
2270 <i>Omphaloscelis lunosa</i> <b>Lunar Underwing</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2272 <i>Xanthia aurago</i> <b>Barred Sallow</b>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Statham, B. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2273 <i>Xanthia togata</i> <b>Pink-barred Sallow</b>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2274 <i>Xanthia ictertia</i> <b>Sallow</b>	Sterland and Brameld, R.E. and Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81

# **Acronictinae**

		Elliott, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
		Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
		Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
		Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
		Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
		1987	Birklands and Bilhaugh	Ref: 68
		1988	Birklands and Bilhaugh	Ref: 68
		Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
		1990	Birklands and Bilhaugh	Ref: 68
		Elliott, B. 1996	Birklands and Bilhaugh / Budby SF	Ref: 96
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
		Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2275	<i>Xanthia gilvago</i> <b>Dusky-lemon Sallow</b>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
		Braddock, A. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
		Sterling, M.J. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
2278	<i>Acronicta megacephala</i> <b>Poplar Grey</b>	Sterland and Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
		Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
2279	<i>Acronicta aceris</i> <b>Sycamore</b>	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
2280	<i>Acronicta leporina</i> <b>Miller</b>	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 1
		Harrison, F. 1976	Birklands and Bilhaugh	Ref: 81
		Elliott, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
		Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh / Budby SF	Ref: 81
		Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 60
		1986	Birklands and Bilhaugh	Ref: 63
		Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 68
		Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands and Bilhaugh	Ref: 96
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West and Ollerton Corner	Ref: 96
			Birklands and Bilhaugh	Ref: 36
2281	<i>Acronicta alni</i> <b>Alder Moth</b>	Dennis, G. 1877	Birklands and Bilhaugh	Ref: 1
		Between 1961 and 1969	Birklands and Bilhaugh	Ref: 19
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2283	<i>Acronicta tridens</i> <b>Dark Dagger</b>	Sterland and Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
2284	<i>Acronicta psi</i> <b>Grey Dagger</b>	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
		Elliott, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
		Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
		Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
		Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
		Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63

## Amphipyridae

		Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
		1986	Birklands and Bilhaugh	Ref: 68
		1987	Birklands and Bilhaugh	Ref: 68
		Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
		1988	Birklands and Bilhaugh	Ref: 68
		1989	Birklands and Bilhaugh	Ref: 68
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
		Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2286	<i>Acronicta menyanthidis</i>	Batty, J. 1858	Birklands and Bilhaugh	Ref: 1
	<b>Light Knot Grass</b>	Hardy, J.R. 1897	Birklands and Bilhaugh	Ref: 1
2289	<i>Acronicta rumicis</i>	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 81
	<b>Knot Grass</b>	Harrison, F. 1969	Birklands and Bilhaugh	Ref: 81
		Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
		1987	Birklands and Bilhaugh	Ref: 68
		Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
		Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2291	<i>Craniophora ligustri</i>	Sterland	Birklands and Bilhaugh	Ref: 1
	<b>Coronet</b>	Unknown	Birklands and Bilhaugh	Ref: 48
2293	<i>Cryphia domestica</i>	Unknown record	Birklands and Bilhaugh	Ref: 1
	<b>Marbled Beauty</b>	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
		1986	Birklands and Bilhaugh	Ref: 68
		1987	Birklands and Bilhaugh	Ref: 68
		1988	Birklands and Bilhaugh	Ref: 68
		Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
		Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2297	<i>Amphipyra pyramidea</i>	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 1
	<b>Copper Underwing</b>	1986	Birklands and Bilhaugh	Ref: 63
		Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 68
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 55
			Birklands and Bilhaugh	Ref: 36
2298	<i>Maphipyra berbera</i>	Harman, T.W. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
	<b>Svensson`s Copper Underwing</b>	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
		Statham, B. 1982	Birklands and Bilhaugh	Ref: 81
		Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
		Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
		Culpin, J. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
		Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36

2299	<i>Amphipyra tragopoginis</i> <b>Mouse Moth</b>	Harrison, F. 1976 Elliot, B. 1981 Sterling, M.J. 1981 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Bee, L. and Parrack, J.D. 1987 1987 1988 1990 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh	Ref: 81 Ref: 81 Ref: 81 Ref: 57 Ref: 58 Ref: 60 Ref: 61 Ref: 68 Ref: 68 Ref: 68 Ref: 96 Ref: 55
2300	<i>Mormo maura</i> <b>Old Lady</b>	Brameld, R.E. Between 1961 and 1969 Wright, S. and Osborne, J.E. 2008	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner	Ref: 1 Ref: 19 Ref: 103
2301	<i>Dypterygia scabriuscula</i> <b>Bird's Wing</b>	Wright, S. and Osborne, J.E. 2007 Woodward, R. and Beasley, N. 2007 Wright, S. and Osborne, J.E. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands West and Ollerton Corner Birklands and Bilhaugh	Ref: 86 Ref: 86 Ref: 103 Ref: 36
2302	<i>Rusina ferruginea</i> <b>Brown Rustic</b>	Sterland and Brameld, R.E. Harrison, F. 1969 Bee, L. and Sterling, M.J. 1982 Young, D.A. 1983 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 1987 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 1988 1989 1990 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 57 Ref: 81 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 68 Ref: 68 Ref: 61 Ref: 62 Ref: 68 Ref: 68 Ref: 68 Ref: 55 Ref: 36
2303	<i>Thalpophila matura</i> <b>Straw Underwing</b>	Harman, T.W. 1975 Harrison, F. 1976 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 1986 Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 81 Ref: 57 Ref: 58 Ref: 60 Ref: 68 Ref: 62

	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2304 <i>Trachea atriplicis</i> <b>Orache Moth</b>	Sterland	Birklands and Bilhaugh	Ref: 1
2305 <i>Euplexia lucipara</i> <b>Small Angle Shades</b>	1872	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2306 <i>Phlogophora meticulosa</i> <b>Angle Shades</b>	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Sterling, M.J. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh	Ref: 109
2311 <i>Ipimorpha retusa</i>	1970	Birklands and Bilhaugh	Ref: 53

<b>Double Kidney</b>	1971	Birklands and Bilhaugh	Ref: 53
	1972	Birklands and Bilhaugh	Ref: 53
	1973	Birklands and Bilhaugh	Ref: 53
	1974	Birklands and Bilhaugh	Ref: 53
	1975	Birklands and Bilhaugh	Ref: 53
	1976	Birklands and Bilhaugh	Ref: 53
	1977	Birklands and Bilhaugh	Ref: 53
	1978	Birklands and Bilhaugh	Ref: 53
	1979	Birklands and Bilhaugh	Ref: 53
2312 <i>Ipimorpha subtusa</i> <b>Olive</b>	1981	Birklands and Bilhaugh	Ref: 53
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
2313 <i>Enargia paleacea</i> <b>Angle-striped Sallow</b>	1872	Birklands and Bilhaugh	Ref: 1
	Daws, W. 1885	Birklands and Bilhaugh	Ref: 1
	1951	Birklands and Bilhaugh	Ref: 52
	Between 1961 and 1969	Birklands and Bilhaugh	Ref: 19
	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 81
	Ried, W. 1969	Birklands and Bilhaugh	Ref: 81
	Harrison, F. 1971	Birklands and Bilhaugh	Ref: 81
	Harman, T.W. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
	Harrison, F. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
	1976	Birklands and Bilhaugh	Ref: 48
	1981	Birklands and Bilhaugh	Ref: 53
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Sterling, M.J. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Statham, B. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Braddock, A. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. 2004	Birklands and Bilhaugh / Budby SF	Ref: 83
	Wright, S. and Osborne, J.E. 2005	Birklands West / Sherwood Heath	Ref: 84
	Wright, S. and Osborne, J.E. 2006	Birklands West / Clipstone Old Qtr	Ref: 85
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West / Clipstone Old Qtr	Ref: 86
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Wright, S. Osborne, J.E. and Fox, D.G. 2008	Birklands West and Ollerton Corner	Ref: 103
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh	Ref: 109



2314 <i>Parastichtis ypsilon</i> <b>Dingy Shears</b>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
2316 <i>Cosmia affinis</i> <b>Lesser Pinion-spotted</b>	Sterland Brameld, R.E. Hardy, J.R.	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1 Ref: 1
2317 <i>Cosmia diffinis</i> <b>White-spotted Pinion</b>	Sterland	Birklands and Bilhaugh	Ref: 1
2318 <i>Cosmia trapezina</i> <b>Dun-bar</b>	Harrison, F. 1967 Harrison, F. 1976 Elliot, B. 1981 Bee, L. and Sterling, M.J. 1982 Harrison, F. 1982 Motteram, M. 1983 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 1987 Bee, L. and Parrack, J.D. 1987 1988 1989 1990 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Hursthouse, D. <i>etal</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 81 Ref: 81 Ref: 57 Ref: 81 Ref: 81 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 68 Ref: 61 Ref: 68 Ref: 68 Ref: 68 Ref: 68 Ref: 96 Ref: 55 Ref: 109 Ref: 36
2320 <i>Hyppa rectilinea</i> <b>Saxon</b>	Sterland	Birklands and Bilhaugh	Ref: 1
2321 <i>Apamea monoglypha</i> <b>Dark Arches</b>	Harrison, F. 1967 Harrison, F. 1976 Elliot, B. 1981 Bee, L. and Sterling, M.J. 1982 Motteram, M. 1983 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1986 Orpe, K.J. 1986 1987 Bee, L. and Parrack, J.D. 1987 1988	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 81 Ref: 81 Ref: 81 Ref: 57 Ref: 81 Ref: 58 Ref: 60 Ref: 63 Ref: 68 Ref: 88 Ref: 68 Ref: 61 Ref: 68

	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2322 <i>Apamea lithoxyla</i> <b>Light Arches</b>	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
2323 <i>Apamea sublustris</i> <b>Reddish Light Arches</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliot, B. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
2326 <i>Apamea crenata</i> <b>Clouded-bordered Brindle</b>	Harrison, F. 1969	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2327 <i>Apamea epomidion</i> <b>Clouded Brindle</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
2329 <i>Apamea furva</i> <b>Confused</b>	Sterland	Birklands and Bilhaugh	Ref: 1
2330 <i>Apamea remissa</i> <b>Dusky Brocade</b>	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1987	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
2331 <i>Apamea unanimitis</i> <b>Small Clouded Brindle</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
2332 <i>Eremobina pabulatricula</i> <b>Union Rustic</b>	1886	Birklands and Bilhaugh	Ref: 48

2333 <i>Apamea anceps</i> <b>Large Nutmeg</b>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
2334 <i>Apamea sordens</i> <b>Rustic Shoulder-knot</b>	Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Tillotson, I. 1986 1986 Orpe, K.J. 1986 1987 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 1988 1989 1990 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 63 Ref: 68 Ref: 88 Ref: 68 Ref: 61 Ref: 62 Ref: 68 Ref: 68 Ref: 68 Ref: 36
2335 <i>Apamea scolapacina</i> <b>Slender Brindle</b>	1988 1989	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 68 Ref: 68
2336 <i>Apamea ophiogramma</i> <b>Double Lobed</b>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
2337 <i>Oligia strigilis</i> <b>Marbled Minor</b>	Harrison, F. 1967 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Tillotson, I. 1986 Orpe, K.J. 1986 1986 1987 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 1988 1989	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 81 Ref: 57 Ref: 58 Ref: 63 Ref: 88 Ref: 68 Ref: 68 Ref: 61 Ref: 62 Ref: 68 Ref: 68 Ref: 68
2338 <i>Oligia versicolor</i> <b>Rufous Minor</b>	Tillotson, I. 1986 1986	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 63 Ref: 68
2339 <i>Oligia latruncula</i> <b>Tawny Marbled Minor</b>	Bee, L. and Riley, A.M. 1985 Bee, L. and Parrack, J.D. 1988 1988 1989 1990 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 60 Ref: 62 Ref: 68 Ref: 68 Ref: 68 Ref: 55
2340 <i>Oligia fasciuncula</i>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57

<b>Middle-barred Minor</b>	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
2341 <i>Mesoligia furuncula</i>			
<b>Cloaked Minor</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harman, T.W. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2342 <i>Mesoligia literosa</i>			
<b>Rosy Minor</b>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
2343 <i>Mesapamea secalis</i>			
<b>Common Rustic</b>	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2345 <i>Photodes minima</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

<b>Small Dotted Buff</b>	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	1989	Birklands and Bilhaugh	Ref: 68
2350 <i>Chortodes pygmina</i>	Brameld, R.E. and Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
<b>Small Wainscot</b>	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2352 <i>Eremobia ochroleuca</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
<b>Dusky Sallow</b>	Harman, T.W. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2353 <i>Luperina testacea</i>		Birklands and Bilhaugh	Ref: 1
<b>Flounced Rustic</b>	Harrison, F. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Elliot, B. 1983	Birklands and Bilhaugh / Budby SF	Ref: 96
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	1988	Birklands and Bilhaugh	Ref: 68
	1989	Birklands and Bilhaugh	Ref: 68
	1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
2360 <i>Amphipoea oculaea</i>		Birklands and Bilhaugh	Ref: 1
<b>Ear Moth</b>			
2361 <i>Hydraecia micacea</i>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
<b>Rosy Rustic</b>	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Young, D.A. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	1986	Birklands and Bilhaugh	Ref: 68
	1987	Birklands and Bilhaugh	Ref: 68

	Bee, L. and Parrack, J.D. 1987 1988 1989 1990 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 61 Ref: 68 Ref: 68 Ref: 68 Ref: 109
2364 <i>Gorthyna flavago</i> <b>Frosted Orange</b>	Bee, L. and Sterling, M.J. 1982 Young, D.A. 1983 1988 1989 1990 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 57 Ref: 81 Ref: 68 Ref: 68 Ref: 68 Ref: 36 Ref: 109
2368 <i>Celaena leucostigma</i> <b>Crescent</b>	Sterland	Birklands and Bilhaugh	Ref: 1
2369 <i>Nonagria typhae</i> <b>Bulrush Wainscot</b>	Brameld, R.E. Elliott, B. 1967	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81
2370 <i>Archanara geminipuncta</i> <b>Twin-spotted Wainscot</b>	Pendleton, T.A. and Pendleton, D.T. 2008 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 55 Ref: 109
2377 <i>Arenostola phragmitidis</i> <b>Fen Wainscot</b>	Harman, T.W. 1975	Birklands and Bilhaugh / Budby SF	Ref: 52
2380 <i>Charancya trigrammica</i> <b>Treble Lines</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
2381 <i>Hoplodrina alsines</i> <b>Uncertain</b>	Harrison, F. 1976 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 Orpe, K.J. 1986 1986 1987 Bee, L. and Parrack, J.D. 1987 1988 1989 1990 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 81 Ref: 57 Ref: 58 Ref: 60 Ref: 63 Ref: 88 Ref: 68 Ref: 68 Ref: 61 Ref: 68 Ref: 68 Ref: 68 Ref: 96 Ref: 55 Ref: 36 Ref: 109

2382 <i>Hoplodrina blanda</i> <b>Rustic</b>	Brameld, R.E. Harman, T.W. 1975 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 1987 Bee, L. and Parrack, J.D. 1987 1988 1989 1990 Wright, S. and Osborne, J.E. <i>etal</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 57 Ref: 68 Ref: 60 Ref: 63 Ref: 68 Ref: 68 Ref: 61 Ref: 68 Ref: 68 Ref: 68 Ref: 96 Ref: 36
2384 <i>Hoplodrina ambigua</i> <b>Vine's Rustic</b>	Wright, S. and Osborne, J.E. 2005 Wright, S. and Osborne, J.E. 2006 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 84 Ref: 85 Ref: 36
2387 <i>Caradrina morpheus</i> <b>Mottled Rustic</b>	Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Riley, A.M. 1985 Orpe, K.J. 1986 Bee, L. and Parrack, J.D. 1987 1987 1990 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 60 Ref: 88 Ref: 61 Ref: 68 Ref: 68 Ref: 36
2389 <i>Paradrina clavipalpis</i> <b>Pale Mottled Willow</b>	Sterland and Brameld, R.E. Motteram, M. 1983 1990 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 81 Ref: 68 Ref: 109
2394 <i>Stilbia anomala</i> <b>Anomalous</b>	Sterland Mosely, Porritt, G.T. Madden, G.C.R. and Birchall, H. 1872 Harman, T.W. 1975 Elliott, B. 1976 Harrison, F. 1976 Elliott, B. 1981 1990 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 1 Ref: 1 Ref: 81 Ref: 81 Ref: 81 Ref: 81 Ref: 68 Ref: 36 Ref: 109
2397 <i>Panemeria tenebrata</i> <b>Small Yellow Underwing</b>	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

<b>Heliothinae</b>	2399	<i>Pyrrhia umbra</i> <b>Bordered Sallow</b>	Sterland	Birklands and Bilhaugh	Ref: 1	
	2400	<i>Helicoverpa armigera</i> <b>Scarce Bordered Straw</b>	Elliott, B. 1996	Birklands and Bilhaugh / Budby SF	Ref: 96	
	2401	<i>Heliothis virespaca</i> <b>Marbled Clover</b>	Sterland Brameld, R.E. Porritt, G.T. 1873 1899	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1 Ref: 1 Ref: 48	
<b>Acontiinae</b>	2410	<i>Protodeltote pygarga</i> <b>Marbled White Spot</b>	Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 55 Ref: 36 Ref: 109	
	2412	<i>Deltote uncula</i> <b>Silver Hook</b>	Sterland 1899	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1	
	<b>Chloeophorinae</b>	2421	<i>Bena bicolorana</i> <b>Scarce Sliver-lines</b>	Reid, W. 1953 Elliot, B. 1981 Orpe, K.J. 1986 Statham, B. L. 1988 Wright, S. and Osborne, J.E. <i>etal</i> 2006 Wright, S. and Osborne, J.E. 2008	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Sherwood Heath Birklands West and Ollerton Corner	Ref: 81 Ref: 81 Ref: 88 Ref: 54 Ref: 85 Ref: 103
2422		<i>Pseudoips prasinana</i> <b>Green Silver-lines</b>	Brameld, R.E. Porritt, G.T. 1871 Madden, G.C.R. 1872 Harrison, F. 1976 Young, D.A. 1982 Young, D.A. 1983 1986 Orpe, K.J. 1986 1987 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 1988 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1 Ref: 1 Ref: 81 Ref: 81 Ref: 81 Ref: 68 Ref: 88 Ref: 68 Ref: 61 Ref: 62 Ref: 68 Ref: 55 Ref: 36	
2423		<i>Nycteola revayana</i> <b>Oak Nycteoline</b>	Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 55 Ref: 36	
<b>Pantheinae</b>		2425	<i>Colocasia coryli</i> <b>Nut-tree Tussock</b>	Braddock, A. 1983 Bee, L. and Parrack, J.D. 1987 1987 Elliott, B. Budworth, D. and Travers-Ayre, I. 1995 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 81 Ref: 61 Ref: 68 Ref: 96 Ref: 36



**Plusiinae**2434 *Diachrysia chrysitis*  
**Burnished Brass**

Brameld, R.E.  
Harrison, F. 1967  
Bee, L. and Sterling, M.J. 1982  
Orpe, K.J. 1986  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
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Birklands and Bilhaugh  
Birklands and Bilhaugh

Ref: 1  
Ref: 81  
Ref: 57  
Ref: 88  
Ref: 55  
Ref: 36

2439 *Plusia festucae*  
**Gold Spot**

Harman, T.W. 1975  
Motteram, M. 1983  
Pendleton, T.A. and Pendleton, D.T. 2009  
Hursthouse, D. *etal* 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF

Ref: 1  
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Ref: 81  
Ref: 36  
Ref: 109

2441 *Autographa gamma*  
**Silver Y**

Harrison, F. 1975  
Harrison, F. 1976  
Elliot, B. 1981  
Bee, L. and Sterling, M.J. 1982  
Harrison, F. 1983  
Bee, L. and Sterling, M.J. 1983  
Motteram, M. 1983  
Bee, L. and Riley, A.M. 1985  
Tillotson, I. 1986  
Orpe, K.J. 1986  
1986  
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Bee, L. and Parrack, J.D. 1987  
Bee, L. and Parrack, J.D. 1988  
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Pendleton, T.A. and Pendleton, D.T. 2007  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Hursthouse, D. *etal* 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Hursthouse, D. Leach, I. and Baker, P. 2009

Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
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Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
Birklands and Bilhaugh / Budby SF  
Birklands West / Clipstone Old Qtr  
Birklands and Bilhaugh

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Ref: 88  
Ref: 68  
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Ref: 36  
Ref: 55  
Ref: 36  
Ref: 36  
Ref: 109  
Ref: 36  
Ref: 98

2442 *Autographa pulchrina*  
**Beautiful Golden Y**

Sterland and Brameld, R.E.  
Bee, L. and Riley, A.M. 1985  
Bee, L. and Parrack, J.D. 1987  
1987  
1989  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh  
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Birklands and Bilhaugh  
Birklands and Bilhaugh

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Ref: 61  
Ref: 68  
Ref: 68  
Ref: 36

2443 *Autographa jota*

Brameld, R.E.

Birklands and Bilhaugh

Ref: 1

	<b>Plain Golden Y</b>	Bee, L. and Sterling, M.J. 1982 Orpe, K.J. 1986	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 88
2444	<i>Autographa bractea</i> <b>Gold Spangle</b>	Sterland	Birklands and Bilhaugh	Ref: 1
2449	<i>Adrostola triplasia</i> <b>Dark Spectacle</b>	Bee, L. and Sterling, M.J. 1982 Tillotson, I. 1986 Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 63 Ref: 61
2450	<i>Adrostola tripartita</i> <b>Spectacle</b>	1986 Orpe, K.J. 1986 1987 1988 1989 Elliott, B. Budworth, D. and Travers-Ayre, I. 1995 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 68 Ref: 88 Ref: 68 Ref: 68 Ref: 68 Ref: 96 Ref: 36
<b>Catocalinae</b>				
2452	<i>Catocala nupta</i> <b>Red Underwing</b>	Elliot, B. 1981 Statham, B. 1983 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 81 Ref: 81 Ref: 55
2462	<i>Callistege mi</i> <b>Mother Shipton</b>	Sterland and Brameld, R.E. Porritt, G.T. Statham, B. L. 1982 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1 Ref: 81 Ref: 36
2463	<i>Euclidia glyphica</i> <b>Burnet Companion</b>	Brameld, R.E. 1899	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 48
2469	<i>Scoliopteryx libatrix</i> <b>Herald</b>	Braddock, A. 1982 Young, D.A. 1982 Motteram, M. 1983 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 81 Ref: 81 Ref: 81 Ref: 36
<b>Ophiderinae</b>				
2470	<i>Phytometra viridaria</i> <b>Small Purple-barred</b>	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
2474	<i>Rivula sericealis</i> <b>Straw Dot</b>	Wright, S. and Osborne, J.E. 2005 Wright, S. and Osborne, J.E. <i>etal</i> 2006 Wright, S. and Osborne, J.E. 2006 Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>etal</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath Birklands West / Sherwood Heath Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 84 Ref: 85 Ref: 85 Ref: 36 Ref: 36 Ref: 55 Ref: 36 Ref: 109 Ref: 36

## **Hypeninae**

### 2477 *Hypena proboscidalis* **Snout**

Pendleton, T.A. and Pendleton, D.T. 2009

Birklands West / Clipstone Old Qtr

Ref: 36

Brameld, R.E.  
Harrison, F. 1971  
Elliot, B. 1981  
Bee, L. and Sterling, M.J. 1982  
Bee, L. and Sterling, M.J. 1983  
Bee, L. and Riley, A.M. 1985  
Tillotson, I. 1986  
1986  
Orpe, K.J. 1986  
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Bee, L. and Parrack, J.D. 1987  
Bee, L. and Parrack, J.D. 1988  
1988  
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Wright, S. and Osborne, J.E. *etal* 2007  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009  
Hursthouse, D. *etal* 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
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Birklands and Bilhaugh  
Birklands West and Ollerton Corner  
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Birklands and Bilhaugh

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Ref: 96  
Ref: 55  
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### 2488 *Pechipogo strigilata* **Common Fan-foot**

Brameld, R.E. and Porritt, G.T.

Birklands and Bilhaugh

Ref: 1

### 2489 *Zanclognatha tarsipennalis* **Fan-foot**

Brameld, R.E.  
Elliot, B. 1981  
Bee, L. and Sterling, M.J. 1982  
Bee, L. and Sterling, M.J. 1983  
Bee, L. and Riley, A.M. 1985  
Tillotson, I. 1986  
Orpe, K.J. 1986  
Bee, L. and Parrack, J.D. 1987  
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Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh  
Birklands and Bilhaugh / Budby SF  
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Ref: 58  
Ref: 60  
Ref: 63  
Ref: 88  
Ref: 61  
Ref: 68  
Ref: 68  
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Ref: 68  
Ref: 68  
Ref: 55  
Ref: 36

### 2492 *Herminia grisealis* **Small Fan-foot**

Brameld, R.E.  
Harrison, F. 1967  
Bee, L. and Sterling, M.J. 1982  
Bee, L. and Sterling, M.J. 1983  
Bee, L. and Riley, A.M. 1985  
Tillotson, I. 1986  
Orpe, K.J. 1986  
1986

Birklands and Bilhaugh  
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Ref: 57  
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Ref: 60  
Ref: 63  
Ref: 88  
Ref: 68

1987	Birklands and Bilhaugh	Ref: 68
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
1988	Birklands and Bilhaugh	Ref: 68
1989	Birklands and Bilhaugh	Ref: 68
1990	Birklands and Bilhaugh	Ref: 68
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55

## Red Listed and Nationally Notable Lepidoptera recorded at Sherwood Forest 1800's - 2009

### **Hepialidae**

14 <i>Hepialus humuli</i>	<b>Ghost Moth</b>	UK Biodiversity Action Plan List	Priority species	1986
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### **Sesiidae**

376 <i>Synanthedon scoliaeformis</i>	<b>Welsh Clearwing</b>	Red Listed Pre-1994	Rare	2008
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### **Crambidae**

1299 <i>Crambus hamella</i>		Rare and scarce species	Nationally Notable: B.	1983
1300 <i>Crambus pratella</i>		Rare and scarce species	Nationally Notable: B.	No date

### **Scopariinae**

1341 <i>Eudonia lineola</i>		Rare and scarce species	Nationally Notable: B.	No date
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### **Cossidae**

162 <i>Cossus cossus</i>	<b>Goat Moth</b>	UK Biodiversity Action Plan List	Priority species	No date
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### **Zygaenidae**

163 <i>Adscita statices</i>	<b>Forester</b>	UK Biodiversity Action Plan List	Priority species	2008
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### **Lasiocampidae**

1632 <i>Trichiura crataegi</i>	<b>Pale Eggar</b>	UK Biodiversity Action Plan List	Priority species	1990
1633 <i>Eriogaster lanestris</i>	<b>Small Eggar</b>	Red Listed Pre-1994	Vulnerable	1916
1634 <i>Malacosoma neustria</i>	<b>Lackey</b>	UK Biodiversity Action Plan List	Priority species	1982

### **Drepanidae**

1646 <i>Watsonalla binaria</i>	<b>Oak Hook-tip</b>	UK Biodiversity Action Plan List	Priority species	1990
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### **Thyatiridae**

1658 <i>Cymatophorima diluta</i>	<b>Oak Lutestring</b>	UK Biodiversity Action Plan List	Priority species	1990
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### **Geometridae**

1675 <i>Cyclophora pendularia</i>	<b>Dingy Mocha</b>	UK Biodiversity Action Plan List	Priority species	1899
1679 <i>Cyclophora porata</i>	<b>False Mocha</b>	UK Biodiversity Action Plan List	Priority species	No date
1682 <i>Timandra comae</i>	<b>Blood-vein</b>	UK Biodiversity Action Plan List	Priority species	1988

<b>Larentiinae</b>	1719 <i>Orthonama vittata</i>	<b>Oblique Carpet</b>	UK Biodiversity Action Plan List	Priority species	No date
	1725 <i>Xanthorhoe ferrugata</i>	<b>Dark-barred Twin-spot Carpet</b>	UK Biodiversity Action Plan List	Priority species	1990
	1731 <i>Scotopteryx bipunctaria</i>	<b>Chalk Carpet</b>	UK Biodiversity Action Plan List	Priority species	No date
	1732 <i>Scotopteryx chenopodiata</i>	<b>Shaded Broad-bar</b>	UK Biodiversity Action Plan List	Priority species	2008
	1740 <i>Epirrhoe galiata</i>	<b>Galium Carpet</b>	UK Biodiversity Action Plan List	Priority species	1987
	1749 <i>Pelurga comitata</i>	<b>Dark Spinach</b>	UK Biodiversity Action Plan List	Priority species	1987
	1757 <i>Eulithis mellinata</i>	<b>Spinach</b>	UK Biodiversity Action Plan List	Priority species	1990
	1759 <i>Eliptopera silaceata</i>	<b>Small Phoenix</b>	UK Biodiversity Action Plan List	Priority species	2008
	1807 <i>Perizoma albulata</i>	<b>Grass Rivulet</b>	UK Biodiversity Action Plan List	Priority species	No date
<b>Ennominae</b>	1864 <i>Chesias legatella</i>	<b>Streak</b>	UK Biodiversity Action Plan List	Priority species	1990
	1865 <i>Chesias rufata</i>	<b>Broom-tip</b>	UK Biodiversity Action Plan List	Priority species	No date
	1894 <i>Chiasmia clathrata</i>	<b>Latticed Heath</b>	UK Biodiversity Action Plan List	Priority species	2007
	1912 <i>Ennomos quercinaria</i>	<b>August Thorn</b>	UK Biodiversity Action Plan List	Priority species	1999
	1914 <i>Ennomos fuscantaria</i>	<b>Dusky Thorn</b>	UK Biodiversity Action Plan List	Priority species	1981
	1915 <i>Ennomos erosaria</i>	<b>September Thorn</b>	UK Biodiversity Action Plan List	Priority species	2008
	1927 <i>Lycia hirtaria</i>	<b>Brindled Beauty</b>	UK Biodiversity Action Plan List	Priority species	1990
	1967 <i>Aspitates gilvaria</i>	<b>Straw Belle</b>	UK Biodiversity Action Plan List	Priority species	No date
<b>Notodontidae</b>					
	2020 <i>Diloba caeruleocephala</i>	<b>Figure of Eight</b>	UK Biodiversity Action Plan List	Priority species	1986
<b>Lymantriidae</b>					
	2025 <i>Orgyia racens</i>	<b>Scarce Vapourer</b>	Red Listed Pre-1994	Vulnerable	1899
<b>Arctiidae</b> <b>Arctiinae</b>					
	2057 <i>Arctia villica</i>	<b>Garden Tiger</b>	UK Biodiversity Action Plan List	Priority species	1954
	2060 <i>Spilosoma lubricipeda</i>	<b>White Ermine</b>	UK Biodiversity Action Plan List	Priority species	1990
	2061 <i>Spilosoma luteum</i>	<b>Buff Ermine</b>	UK Biodiversity Action Plan List	Priority species	2008
	2069 <i>Tyria jacobaeae</i>	<b>Cinnabar</b>	UK Biodiversity Action Plan List	Priority species	2008
<b>Noctuidae</b> <b>Noctuinae</b>					
	2081 <i>Euxoa tritici</i>	<b>White-line Dart</b>	UK Biodiversity Action Plan List	Priority species	1990
	2082 <i>Euxoa nigricans</i>	<b>Garden Dart</b>	UK Biodiversity Action Plan List	Priority species	2008
	2108 <i>Noctua orbona</i>	<b>Lunar Yellow Underwing</b>	UK Biodiversity Action Plan List	Priority species	1916
	2186 <i>Orthosia gracilis</i>	<b>Powdered Quaker</b>	UK Biodiversity Action Plan List	Priority species	1988
	2114 <i>Graphiphora augur</i>	<b>Double Dart</b>	UK Biodiversity Action Plan List	Priority species	1990
	2117 <i>Eugnorisma glareosa</i>	<b>Autumnal Rustic</b>	UK Biodiversity Action Plan List	Priority species	2008
	2123 <i>Diarsia rubi</i>	<b>Small Square-spot</b>	UK Biodiversity Action Plan List	Priority species	2008
	2132 <i>Xestia castanea</i>	<b>Neglected Rustic</b>	UK Biodiversity Action Plan List	Priority species	1858
	2135 <i>Xestia agathina</i>	<b>Heath Rustic</b>	UK Biodiversity Action Plan List	Priority species	2005
<b>Hadeninae</b>					
	2148 <i>Polia bombycina</i>	<b>Pale Shining Brown</b>	UK Biodiversity Action Plan List	Priority species	No date
	2155 <i>Melanchra persicariae</i>	<b>Dot Moth</b>	UK Biodiversity Action Plan List	Priority species	1990
	2163 <i>Melanchra pisi</i>	<b>Broom Moth</b>	UK Biodiversity Action Plan List	Priority species	1988
	2177 <i>Thilera cespitis</i>	<b>Hedge Rustic</b>	UK Biodiversity Action Plan List	Priority species	1986

	2205 <i>Mythimna comma</i>	<b>Shoulder-striped Wainscot</b>	UK Biodiversity Action Plan List	Priority species	2008
<b>Cuculliinae</b>	2225 <i>Brachyloma viminalis</i>	<b>Minor Shoulder-knot</b>	UK Biodiversity Action Plan List	Priority species	No date
	2231 <i>Aporophyla lutulenta</i>	<b>Deep-brown Dart</b>	UK Biodiversity Action Plan List	Priority species	1983
	2242 <i>Xylota exoleta</i>	<b>Sword-grass</b>	UK Biodiversity Action Plan List	Priority species	No date
	2245 <i>Allophyes oxyacanthae</i>	<b>Green-brindled Crescent</b>	UK Biodiversity Action Plan List	Priority species	1989
	2250 <i>Blepharita adusta</i>	<b>Dark Brocade</b>	UK Biodiversity Action Plan List	Priority species	2007
	2265 <i>Agrochola helvola</i>	<b>Flounced Chestnut</b>	UK Biodiversity Action Plan List	Priority species	1990
	2266 <i>Agrochola litura</i>	<b>Brown-spot Pinion</b>	UK Biodiversity Action Plan List	Priority species	1990
	2267 <i>Agrochola lychnidis</i>	<b>Beaded Chestnut</b>	UK Biodiversity Action Plan List	Priority species	1987
	2269 <i>Atethmia centrugo</i>	<b>Centre-barred Sallow</b>	UK Biodiversity Action Plan List	Priority species	1981
	2275 <i>Xanthia gilvago</i>	<b>Dusky-lemon Sallow</b>	UK Biodiversity Action Plan List	Priority species	1983
<b>Acronictinae</b>	2284 <i>Acronicta psi</i>	<b>Grey Dagger</b>	UK Biodiversity Action Plan List	Priority species	2008
	2289 <i>Acronicta rumicis</i>	<b>Knot Grass</b>	UK Biodiversity Action Plan List	Priority species	1987
<b>Amphipyridinae</b>	2299 <i>Amphipyra tragopoginis</i>	<b>Mouse Moth</b>	UK Biodiversity Action Plan List	Priority species	2008
	2304 <i>Trachea atriplicis</i>	<b>Orache Moth</b>	Red Listed Pre-1994	Extinct in UK	No date
	2317 <i>Cosmia diffinis</i>	<b>White-spotted Pinion</b>	UK Biodiversity Action Plan List	Priority species	No date
	2330 <i>Apamea remissa</i>	<b>Dusky Brocade</b>	UK Biodiversity Action Plan List	Priority species	1990
	2332 <i>Eremobina pabulatricula</i>	<b>Union Rustic</b>	Red Listed Pre-1994	Extinct in UK	1886
	2333 <i>Apamea anceps</i>	<b>Large Nutmeg</b>	UK Biodiversity Action Plan List	Priority species	No date
	2342 <i>Mesoligia literosa</i>	<b>Rosy Minor</b>	UK Biodiversity Action Plan List	Priority species	2008
	2360 <i>Amphipoea oculatea</i>	<b>Ear Moth</b>	UK Biodiversity Action Plan List	Priority species	No date
	2361 <i>Hydraecia micacea</i>	<b>Rosy Rustic</b>	UK Biodiversity Action Plan List	Priority species	1990
	2368 <i>Celaena leucostigma</i>	<b>Crescent</b>	UK Biodiversity Action Plan List	Priority species	No date
	2382 <i>Hoplodrina blanda</i>	<b>Rustic</b>	UK Biodiversity Action Plan List	Priority species	1990
	2387 <i>Caradrina morpheus</i>	<b>Mottled Rustic</b>	UK Biodiversity Action Plan List	Priority species	1990
	2394 <i>Stilbia anomala</i>	<b>Anomalous</b>	UK Biodiversity Action Plan List	Priority species	1990
<b>Heliothinae</b>	2401 <i>Heliothis virescens</i>	<b>Marbled Clover</b>	Red Listed Pre-1994	Rare	1899
<b>Hypeninae</b>	2488 <i>Pechipogo strigilata</i>	<b>Common Fan-foot</b>	UK Biodiversity Action Plan List	Priority species	No date