

# Sherwood Forest Invertebrate Directory 2021

Complete site species list and records from the late 1800's to 2020



Trevor and Dilys Pendleton  
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## Author's preface

I would dearly have loved to have opened this 2021 edition of the Sherwood Forest Invertebrate Directory on a positive note and indeed that was my original intention when finally sitting down to write this opening introduction on a wet and windy morning in October 2021.

I was hoping that at some time since 2014, a change in site management would have brought a change in management attitude. I'd hoped that a conservation organisation like the RSPB would have placed greater emphasis on the conservation of species, rather than the emphasis continuing to be based solely on habitat. Unfortunately though, little appears to have changed and from an invertebrate recording point of view, the same problems remain and some recently instigated management practices done under the guise of habitat creation and conservation, leave much to be desired and both the entomologist and tree-loving public aghast.

The mutilation of healthy, mature Oaks within the quieter parts of the Sherwood Forest Country Park, is surely a practice that only the mis-guided and narrow-minded can honestly believe is conservation. That such practices are considered a management requirement for a range of saproxylic invertebrates, is questionable to those who actually record invertebrates on site. There should be no place in

Sherwood Forest for the deliberate vandalism of mature Oaks under the guise of 'veteranisation' - a needless term if ever there was one! The public presume that the trees within Sherwood Forest are being given protection, as the site is a nature reserve after all.

There remains plenty of standing dead wood at Sherwood and plenty of trees in varying states of stress and decay without the need to artificially create more. The methods to fast-age a tree, or deliberately shorten the life of healthy trees by removing the upper limbs, splicing the trunk or damaging trees by chainsaws in other ways, is shameful on a nature reserve and yet is somehow standard practice. Conservation they may call it, but conservation it isn't.

The only clever aspect about this, is that it has been done far away from the new visitor centre and the Major Oak, well away from the paying public and knowledgeable locals who continue to be saddened by seeing the forest and it's trees treated in such a way. As a public relations exercise, work such as 'veteranisation' is a complete failure, no matter how compassionate and sympathetic they make it sound when selling it to the public.

The disrespect showed towards the forest's Oaks and Birch is unwarranted and all done in the name of 'conservation'. Let's hope this so-called 'conservation' doesn't ultimately come back to haunt, with a number of tree diseases such as Sudden Oak Death etc knocking on the door. Now that would be a catastrophe, if such large-scale felling and limb removal eventually provided the opening to let one of any number of diseases in.

The thinning of woodland (deemed essential by woodland management) is something of a double-edged sword.

Beneficial to a degree when done correctly and sympathetically yes, but it does have knock on affects for invertebrates, affects which ultimately lead to problems for birds and mammals further up the food chain and which in all honesty, still receive the greatest thought in management plans, decisions methods and practices.

Tree removal removes invertebrates. It's as simple as that and yet no one ever gives it a thought. To put it simply, if you have three trees and take two of them out, then invertebrates on those three trees (or their successive broods) have just one tree to sustain them. This increases pressures on that tree, which it is hardly likely to be able to maintain over a lengthy period of time. An increasing lack of invertebrates leads to less available food for those species further up the food chain. An over zealous scrub removal ultimately has the same affect and has been obviously detrimental to both invertebrates and birds on Budby South Forest.

Budby has seen a great deal of work over the past few years and over grazing has had a detrimental effect on the amount of Heather coverage across the site. Continual opening up of the site through the removal of trees, which over the years have created shelter from prevailing winds and agricultural spray-drift from adjacent fields has given Budby a different 'feel'. Too much scrub removal shows how little thought is given to those invertebrates and birds found on site. And there lies the key problem at Sherwood Forest - the apparent lack of thought given towards planning.

There have been several surveys (including Botanic) over the past 20 years and it would seem doubtful that any subsequent survey reports are read, or recommendations even considered. After years of striving to find anyone in site management who properly listens to the importance of scrub, a tree, or even a particular area to a species or number of species, you eventually give up knowing that no interest is showed and no one even listens. The university origin of the 'we know best' culture, showed so often in reserve management everywhere, needs to end and site managers need to listen to those who are knowledgeable in their field.

In 2017, Dilys and I found a dark-bellied *Coranus* Assassin Bug on Budby South Forest. But because of the difficulties of *Coranus* identification and the need (in cases of those species with black undersides) to have a male to determine the identity, it took over four years to eventually find a male. The Budby *Coranus* was eventually confirmed as being *Coranus aethiops* - a species confirmed as being known from just one other UK site at Thorne Moors in South Yorkshire. It's an amazingly important discovery for the Sherwood Forest NNR and one thought completely unlikely by those more knowledgeable on UK Assassin Bugs.

The *Coranus* story illustrates a point and a point we have argued for years - that we continue to manage our nature reserves locally with little regard for the species they hold and annoyingly, no one in management ever seems interested. And I dare say, that those



involved in management of the Sherwood Forest NNR, won't have a clue about the discovery until they read this ..... if they ever do?

But then neither site management, nor the management plan, won't change to give species like *Coranus aethiops* consideration when after all, it's just about the rarest invertebrate at Sherwood Forest. Surely both it and everything else is worth more thought and it's what the public expect from conservation?

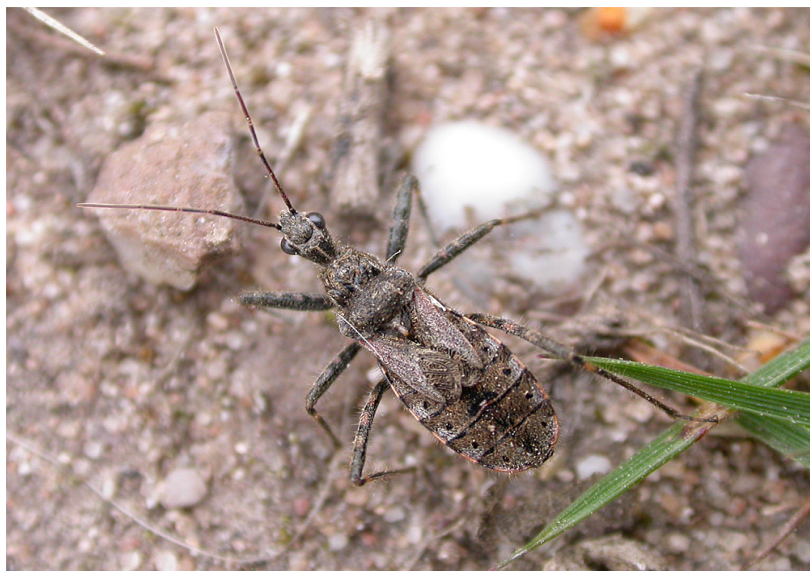
Trevor Pendleton  
November 2021

## Introduction to the Sherwood Forest Invertebrate Directory 2021

This fourth edition of the Sherwood Forest Invertebrate Directory is the first update since 2014 and I don't propose there being another for many years, as the work involved, including time spent researching, collating and sorting through the records is increasingly great and even more so since Dilys sadly died in August 2019.

This publication again collates and brings together those invertebrate records from the area known as the Sherwood Forest National Nature Reserve (NNR) into one single document. It provides, or at least should provide, those managing the area with a reliable and accurate species list and continues to be a unique publication concerning the Sherwood Forest NNR.

Once again, a huge debt of gratitude goes to those recorders who have sent their records in for inclusion since the 2014 edition. All your records continue to contribute to the overall knowledge and distribution of those species (both past and present), known to occur in Sherwood Forest.



Despite the many thousands of records which this Directory lists, the Sherwood Forest NNR is still rather poorly recorded and there has been little effort or even interest from those parties involved in running and managing the site to increase the amount of survey work given over to invertebrates.

And given the lack of recording, many new records and a healthy list of new species have still been added to the various species lists. Oppositely, the limited recording has meant that some species continue to be absent from Sherwood Forest, if they still occur at all.

However, a very useful and welcome survey for saproxylic invertebrates, in the Sherwood Forest Country Park, was conducted by a Natural England survey team in 2018 and did produce some long overdue species records

and indeed, a number of new species. And a visit to Sherwood Forest by renowned natural history author Paul Brock, together with his sister Helen and friends John and Denise Bingham around the same time, also provided a wealth of records.

Paul went on to compare Sherwood Forest with the likes of Windsor and the New Forest, both of which are ranked above Sherwood Forest on ecological continuity and site quality. He closed his account of his visit by saying there is no doubt that the New forest and Windsor are the best two sites in Britain for saproxylic invertebrates, although some of the rarest beetles have not been reported in the past 100 years. Like Sherwood though, certain beetles are difficult to find on demand and only regular visits at different times of the year, over a period of years, can hope to trace many of the rarer species. All sites have plenty of dead wood of various age but managing vast areas can be problematical (particularly in the New Forest with grazing stock pressures) including timing of tree felling and clearing vegetation causing shading out. Thanks to recorders, species found in Sherwood are well known and let's hope these beetle gems of the forests are around for years to come.

So to summarise, the 2021 edition of the Sherwood Forest Invertebrate Directory, once again contains a number of species recorded from Sherwood Forest for the first time, which will invariably will be viewed positively by site management and cited as justification as to how well the forest is being managed in press releases, or through direct engagement with the public. However, it would be more accurate to state that most of those species recorded new to the NNR since 2014, did not arrive here as a direct result of any specific habitat management. Rather their arrival is more likely the result of natural northward range expansion, influenced by changes in climatic conditions, or in some instances just purely being found after going unrecorded previously.

Disappointingly, the Sherwood Forest NNR and other nature reserves across Nottinghamshire, still continue to be unsympathetically managed towards invertebrates. Despite being at the lower end of the food chain, invertebrates remain key to all other species above them and any nature reserve should view it's invertebrate site list more importantly than they currently do. I also believe that their importance is not prioritised enough in university courses, which continually maintains a non-invertebrate mind-set in site managers. I'd like to think that eventually, the importance of insects and other invertebrates to any site will eventually be realised and given far more priority than at present.

Trevor Pendleton  
November 2021

## The Birklands and Bilhaugh, Birklands West and Ollerton Corner SSSI's and the creation of the Sherwood Forest National Nature Reserve

The Sherwood Forest National Nature Reserve encompasses most of the sites mentioned in the various species list which follow. Due to a legal loop hole at the time of notification, Natural England ended up having to notify the ancient Sherwood Forest area as two two separate Sites of Special Scientific Interest (SSSI) which they continue to regard as representing the whole of the Birklands Bilhaugh (Sherwood Forest) complex.

The two SSSI's are known as 'Birklands and Bilhaugh' and 'Birklands West and Ollerton Corner', which together form the National Nature Reserve.

### Birklands and Bilhaugh

The Birklands and Bilhaugh SSSI is made up of the Sherwood Forest Country Park, Budby South Forest, Proteus Square and Buck Gates. It also incorporate a strip of land running alongside the fence line of the former Thoresby Colliery, between the former Sherwood Forest visitor centre, the eastern edge of the Sherwood Forest CP to Sherwood Heath near Ollerton.

To save space in the records section, we have had to abbreviate the record location to Birklands and Bilhaugh, followed by the actual site. That means that the site will be Birklands and Bilhaugh / Budby SF or Birklands and Bilhaugh / Buck Gates etc.



### Birklands West and Ollerton Corner

The Birklands West and Ollerton Corner SSSI incorporates Sherwood Heath and Clipstone Old Quarter, which are quoted as Birklands West / Sherwood Heath or Birklands West / Clipstone Old Qtr in the species lists.

### Birklands West and Ollerton Corner records

Occasionally, there are records that are only quoted as Birklands West and Ollerton Corner. These records are from small areas away from Sherwood Heath and Clipstone Old Quarter and are largely attributable to areas situated to the west of the Country Park.

It is thought impractical to abbreviate all of the known sites within the SSSI's and this serves to avoid the records becoming far too over complicated to the reader.

### Grid references

To maintain some order and format within the lists, the use of grid references with records was declined from the very start of production of all the Sherwood Forest lists Dilys and myself originally compiled.

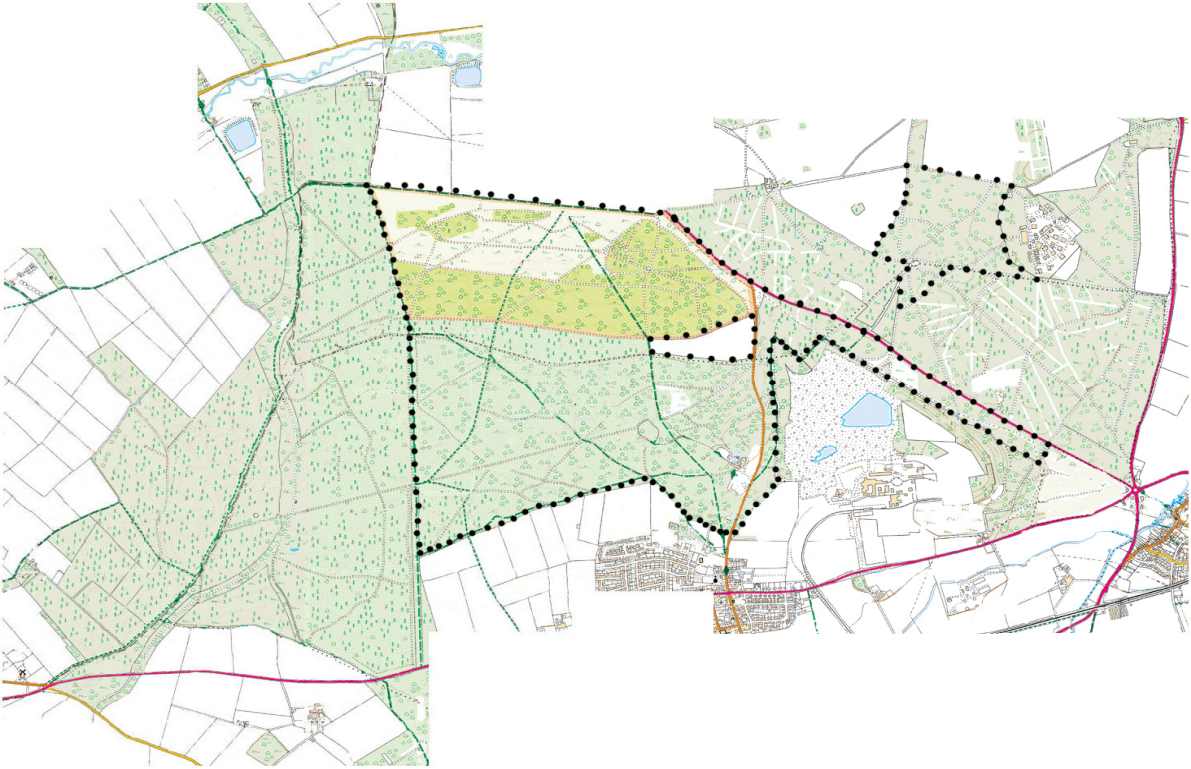
Due to the vagueness of many records we were given, it was impractical to include them, but also untidy from a presentation aspect to use grid references for most of the modern records, while leaving historical records from J.W. Carr's book documented purely as 'from the forest near Edwinstowe' without one. We ultimately decided that it was better to standardise all the records into a single format, which is why we decided on labelling all records along the lines of Birklands and Bilhaugh, or Birklands West and Ollerton Corner Sherwood Heath etc. This works out better as even today, records are sent with just a site name and no grid reference, often just loosely given as 'the Country Park' or 'Budby'.



The accurate documenting of records appears to be in danger and many hundreds (if not thousands) of records are lost each year through general laziness on the observer's part. Most casual records never reach the local Biological Records Centre, which surely has to be the first point to where all observers send their records? Some never even bother to enter their records into a spreadsheet, from which they can be used by researchers.

Biological records are perhaps more important now than ever before, as records of rare species can put pressure on site managers to manage sites more sympathetically towards threatened species, but in order to do that, it remains important to properly document and send records in, rather than just to 'iRecord' or post on Facebook or Twitter.

**Birklands and Bilhaugh SSSI map**



**Birklands West and Ollerton Corner SSSI map**



## A brief history of Invertebrate recording at Sherwood Forest

Historically, the recording of invertebrates at Sherwood Forest began well over a century ago with those Victorian naturalists and entomologists, who typically showed a more diverse interest in natural history than is evident among most recorders of today. Their species notes and the records they left behind, provided the basis for all the species lists that follow.

As mentioned previously in the introduction, a serious lack of recording in recent years means that these accounts and summaries of invertebrate recording history in Sherwood Forest, have changed very little from seven years ago. The only specific site survey has been Natural England's Birklands and Bilhaugh SSSI & Birklands West and Ollerton Corner SSSI, saproxylic invertebrate survey, by Natural England Field Unit from April-October 2018. As indicated, the survey was primarily for saproxylic species, which was largely aimed at beetles) but did produce a range of other invertebrate records from other invertebrate orders.

### Myriapoda and Isopoda Page 11

For the first time a Myriapod and Isopod list is included in the Directory, following work by Dilys and myself over a number of years on the identification and distribution of species found in Sherwood Forest, which has been the first work on these orders ever undertaken within the NNR and still continues.

### Arachnida Page 18

Arachnids have rarely been studied and recorded in the same way as other orders such as Coleoptera and Lepidoptera at Sherwood Forest. Most of the historical records sourced from Carr's "The Invertebrate Fauna of Nottinghamshire" are attributed to G.W. Chaster and dated 1904, but the considerable lack of recording is evident when no further records appeared before surveys by J. Crocker in 1977 and 1978.

The most recent work was by M.L. Denton, E.J. Green, D.G. Hemingway, G. Legg, D.R. Nellist, and Sharp, D. who surveyed the Country Park and Buck Gates areas of the Birklands and Bilhaugh SSSI in 2002. The Country Park area was also surveyed by H. Williams, T. Faulds and T. Harris, from the British Arachnological Society between 2003 and 2007. Sherwood Heath SSSI was surveyed by A. Godfrey in 2003, 2004 and 2006.

### Coleoptera Page 57

J.W. Carr's book produces many historical records from Coleopterists active during the late 1800's and early 1900's, such as W.G. Blatch, J. Kidson-Taylor, E.C. Bedwell, G.W. Chaster, Canon Fowler and several others. Carr's work in bringing all Nottinghamshire's invertebrate records, together into one publication, showed tremendous foresight on his part, as it produced an historical invertebrate site record, which provided a basis for us to work from when constructing the species lists.

A number of Coleoptera surveys have been conducted at Sherwood Forest and despite the fact that much coverage has been given over the last 40 years by numerous individuals, there still appear to be large gaps in the records of many species from around 1920 to 1940. This means that Coleoptera has perhaps not been as well recorded at Sherwood Forest, as one might have expected with such a notable site.

During the 1960's and into the 1970's, many records came from C. Johnson, P. Skidmore and F.A. Hunter and over the last 20 years, more records have come from S. Wright, A. and C. Dutton and A. and A. Binding. D.A. Lott contributed heavily in 1998 when he surveyed much of the Sherwood Forest area, which was subsequently followed by a further survey in 2000 by A.B. Drane.

Post 2000 invertebrate surveys of Sherwood Heath by A. Godfrey, contributed substantially to this less frequently recorded Sherwood Forest site and provided several new species for the Sherwood Forest NNR in return.

More recently, areas of Sherwood Forest were again surveyed by M.L. Denton, E.J. Green, D.G. Hemingway, R.J. Marsh and D. Sharp in 2001/2002, by T.A. and D.T. Pendleton in 2008 and K.N.A. Alexander in 2009 and 2010. The most recent survey works have been by J. Hackman, J. Webb, A. Drewitt, J. Small, N. Button et al, part of a Natural England Field Unit survey in 2018 and by P. Brock, H. Brock, J. Bingham and D. Bingham the same year.

### Diptera Page 202

Despite being one of the largest insect orders, the overall difficulty in Diptera identification has meant that little recording of the many species to be found at Sherwood, has been undertaken during the past 130 years. Much of the NNR's current species list, is based upon the records of L.A. Carr in 1912 and 1914. Carr must have been prolific in his work on Diptera, with most of his records being cited in J.W. Carr's book "The Invertebrate Fauna of Nottinghamshire" as "Sherwood Forest near Ollerton". We presume that this area is anywhere east of the B6034 minor road, that runs from Edwinstowe towards Budby South Forest and west of the traffic island on the A614 at Ollerton. Possibly, Carr covered much of what is now Sherwood Heath, but this remains unknown at the time of writing.

Carr was joined in his efforts by two other recorders, who seem to have remained confined to the Country Park area. R.C. Bradley and C.J. Wainwright provided many records referred by J.W. Carr as "Sherwood Forest near Edwinstowe" (Birklands and Bilhaugh in this list). Several species these men captured, were notable as being the first records for the UK at the time.

After the recording of Carr, Bradley and Wainwright in the late 1800's and early 1900's, virtually no Diptera recording was undertaken (at least from the information we have at our present disposal) and it was not until A. Godfrey's surveys at Sherwood Heath in 2003, 2004 and 2006, that any other records came from the NNR. Godfrey's Sherwood Heath surveys produced many new species recorded from Sherwood Forest for the first time, or produced the first species records since the days of Carr, Bradley and Wainwright. His most recent survey work in the Country Park and Buck Gates areas of the NNR, on behalf of Natural England East Midlands, yielded even more new Diptera and the reappearances of species not recorded for nearly a century.

Godfrey's work and that of the Victorian recorders, constitutes the backbone of the NNR Diptera species list, yet with a species count

just 587 species at the end of 2010, it is likely that we have only just sampled Sherwood Forest's Diptera diversity. There has to be some surprising species yet to be encountered here, following the discovery of the Crane fly *Ctenophora ornata* in 2009. This was a species thought confined to the New Forest and Windsor Great Park and yet another example of how Sherwood is slowly developing a reputation to hold it's own, in a direct comparison to those nationally renowned sites.

## Hemiptera Page 258

Hemiptera is another under-recorded group and most of the historical site records are attributable to just a handful of individuals such as L.A. Carr, J.W. Carr, Thornley and W.E. Ryles.

Hemiptera records from Sherwood Heath by A. Godfrey between 2003 and 2006 have contributed substantially towards the production of the species list, from this less frequently recorded Sherwood Forest site and provided several new species for the NNR. Similarly, R. Merritt's records for *Nepidae*, *Corixidae*, *Naucoridae*, *Notonectidae*, *Veliidae* and *Gerridae* were largely the only records listed for these families in the NNR until some more recent work by T.A. and D.T. Pendleton.

Today, there are few individuals making any concerted effort to record Sherwood's Hemiptera, with recent records usually coming through casual field observations, or invertebrate surveys primarily geared towards Coleoptera or Lepidoptera.

## Hymenoptera Page 287

Historically, Hymenoptera have been the least recorded of all the major invertebrate orders at Sherwood Forest, with seemingly few entomologists willing to take up the challenge.

Potentially, there remains much recording work still to be done to achieve a more accurate and balanced view of the species found at sites within the NNR.

The list of records we have compiled only includes Ants, Bees and Wasps (suborder: Apocrita; group:Aculeata). Records of Parasitic wasps, Ichneumons & Chalcids etc (suborder:Apocrita; group:Parasitica) were barely recorded even at the turn of the last century and there seems to have been no further work done on either these, Sawflies or Woodwasps (suborder:Symphita) to the present day.



The order generally represents a difficult one to study, with few species readily identifiable in the field, but good quality photographs of many species can often be identified via specialised social media groups. With the previous difficulties in identification, it is not totally surprising that so few records (both historical and modern) were available for inclusion in this publication. Much of the recent work appears to have been done by M. Archer and we are grateful to Derek Whiteley of the Sorby Natural History Society, for supplying us with the Sorby group's invertebrate records from the NNR and nearby sites. Archer's records included in the spreadsheet data from the SNHS are all listed rather vaguely as "survey 1985-1992 includes Budby SF". This could mean that he recorded the same species during each year surveyed, but this is doubtful. A look at the Invertebrate Site Register spreadsheet, given to us by Natural England, list the same species, but assign the date for most records to 1985 only. We have adopted the same policy here, until we can trace the individual species records.

Archer's survey is without doubt, the most comprehensive Hymenoptera survey undertaken in the NNR to date that we know of. Most other records have either come either through casual one-off records, during site surveys for other invert orders, or by the efforts of a handful of individuals. Andy Godfrey's surveys of Sherwood Heath NNR between 2003 and 2006, contributed several interesting and useful records, as did Derek Whiteley at the same site over a number of years from the late 1980's onwards.

Of the records listed in Carr's book, there are few that are directly attributed to Sherwood Forest, although many species Carr quoted as being "common" or "widespread throughout the county", no doubt did occur at Sherwood Forest at the turn of the last century.

## Lepidoptera Page 304

R.E. Brameld and Sterland seem to have been the most active recorders of Sherwood's Lepidoptera a century ago, possibly with some competition between the two, leading to some dubious records on Sterland's side that Carr was reluctant to list in his book "The Invertebrate Fauna of Nottinghamshire". Not surprisingly, the years marking the two world wars, produced very few records from any of the invertebrate groups and regular recording was never really taken up again until some work by Harrison in the 1960's, then by Lawrence Bee and several others at the Visitor Centre in the 1980's. Bee was aided by M.J. Sterling and J.D. Parrack, during his time at Sherwood, with I. Tillotson operating there in 1986.

A Rothamsted trap was also in continuous operation between 1986 and 1990, the cessation of which resulted in little coverage for another ten years. Sheila Wright, John Osbourne and a regular team of others, provided some coverage and many useful records from the Buck Gates and Clipstone Old Quarter areas in the early part of this century.

The trapping work of Dave Hursthouse and a regular team of recorders on Budby South Forest between 2009 and 2012, then later by Iain Leach, Kate Harte and Paul Baker at Budby South Forest from 2015 and 2016, together with the work of ourselves at the Sherwood Forest Country Park and Clipstone Old Quarter between 2008 and 2014, meant that the NNR area received it's most consistent coverage ever. The coverage now extends to leaf mine fauna, which had always produced very little interest at Sherwood.

## A note on multiple observer/recorder records

As in previous editions of this publication, for space saving reasons in the records section, records of single species when trapped by multiple observers on a single night, or on several nights, are usually credited to the recorder(s) et al, with the recorder being those who supplied the record directly to us, or who gave their permission for the record's inclusion when sourced from other publications. Examples of multiple recorder/observer records found in the following Sherwood Forest NNR lists are given below. These are largely restricted to Lepidoptera records only.

**Denton, M.L. et al 2002** - Additional recorders including Green, E.J. Hemingway, D.G. Legg, D. Nellist, D.R. and Sharp, D.

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

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

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

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

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

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

**Hursthouse, D. et al 2010** - Additional recorders from the following list:- Ashford, K. Harte, K. Leach, I. and Baker, P. Leach, I. and Baker, P.

**Hursthouse, D. et al 2011** - Additional recorders from the following list:- Harte, K. Baker, P. and Leach, I.

**Hursthouse, D. et al 2012** - Additional recorders from the following list:- Harte, K. Baker, P. and Leach, I.

## 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: 3** **BRC Printout of BAP Species Records** (1997) BRC printout of BAP List Species - Paul Harding ITE Monks Wood
- Ref: 4** Hunter, F.A.
- Ref: 5** Shirt, D.B. ed. (1987) British Red Data Books: 2 Insects (1987) Nature Conservancy Council, Peterborough
- Ref: 6** **In Victoria County History of Nottinghamshire**
- Ref: 7** Lott, D.A. (1998) Report of Beetle Survey at Sherwood Forest 1998.
- Ref: 8** Allen, A.A.
- Ref: 9** Foster, A.P.
- Ref: 10** Carr, J.W. (1935) The Invertebrate Fauna of Nottinghamshire. Supplement. Nottingham: J.& H. Bell Ltd.
- Ref: 11** Allen, A.A. (1971) *Procaerus tibialis* Lac. (Col., Elateridae) in Wilts and Herts. Entomologist's Monthly Magazine, 107:12-20
- Ref: 12** Allen, A.A. (1987) *Microscydmus minimus* and *M. nanus*: a correction, Coleopterists Newsletter, 27:6-7.
- Ref: 13** Hyman, P. Data sheets compiled for the National Review of Coleoptera. Unpublished, held in Invertebrate Site Register files, Peterborough.
- Ref: 14** Key, R.S.
- Ref: 15** Lott, D.A.
- Ref: 16** Wright, S.
- Ref: 17** Alexander, K.N.A.
- Ref: 18** Kenward, H.K. (1990) A belated record of *Procas granulicollis* Walton (Col., Curculionidae) from Galloway, with a discussion of the British *Procas* spp. Entomologist's Monthly Magazine, 126:21-25. (With a footnote by A.A. Allen.)
- Ref: 19** **BRC Files**
- Ref: 20** Kew, H.W. (1929) Notes on some Coleoptera and a Chelifer observed on Richmond Park Oak after nightfall. Entomologist's Monthly Magazine, 65: 83-86.
- Ref: 21** Skidmore, P. (1962) Insects in 1960 (part one). Entomologist's Rec. J. Var. 74: 155-161.
- Ref: 22** Levey, B.
- Ref: 23** Drane, A.B.
- Ref: 24** Solman, D. (1981) England project no. 10: Heathland Invertebrate Survey, July-Sept 1981. Nature Conservancy Council Report.
- Ref: 25** Harding, P.T.
- Ref: 26** Hodge, P.J.
- Ref: 27** Fowles, A.P.
- Ref: 28** Allen, A.A. (1964) The genus *Synchita* Hellw. (Col., Colydiidae) in Britain; with an addition to the fauna and a new synonymy. Entomologist's Monthly Magazine, 100: 36-42.
- Ref: 29** Bratton, J.H.
- Ref: 30** Clements, H.A.B. (1967) *Miscodera arctica* (Payk.) and other Carabidae (Col.) in Sherwood Forest. Entomologist's Monthly Magazine. 103: 25.
- Ref: 31** Smith, E.J.
- Ref: 32** Kirby, P.
- Ref: 33** Prance, D.A. (1982) *Carpophilus sexpustulatus* (Fabr.) (Col.:Nitidulidae) in Surrey with a note on it's habits in Entomologist's Monthly Record and Journal of Variation, 94:59.
- Ref: 34** Pendleton, T.A. and Pendleton, D.T. (2008) Sherwood Forest Bracken Control Coleoptera Survey 2008 Report.
- Ref: 35** Denton, M.L. Green, E.J. Hemingway, D.G. Marsh, R.J. and Sharp, D. 2002. Saproxyllic beetle survey of Birklands and Bilhaugh candidate Special Area of Conservation (SAC), Sherwood Forest, Nottinghamshire. Report to English Nature from Entotax consultancy 2003



- Ref: 36 **Pendleton, T.A. and Pendleton, D.T.** Privately held record (published)
- Ref: 37 **Johnson, C.** (1962) Exhibit at annual exhibition, 27/10/62. Proc. S. Lond. Entomological and Natural History Society
- Ref: 38 **Johnson, C.** (1990) Data on recent captures of Sherwood Forest beetles, based on the Manchester Museum Collection Unpublished report to Nature Conservancy Council.
- Ref: 39 **Johnson, C.** (1977) British records of *Euplectus punctatus* Mulsant (Col., Pselaphidae) with a subspecies new to Britain. Entomologist's Monthly Magazine, 113:79.
- Ref: 40 **Johnson, C.** (1975) Five species of Ptiliidae (Col.) new to Britain and corrections to the British list of the family. Entomologist's Gazette, 26: 211-223.
- Ref: 41 **Johnson, C.** (1976) Nine species of Coleoptera new to Britain. Entomologist's Monthly Magazine. (1975) 111: 177-183.
- Ref: 42 **Johnson, C.** 1978. British records of *Euplectus punctatus* Mulsant (Col., Psephalidae) with a subspecies new to Britain. Entomologist's Monthly Magazine (1977) 113: 79.
- Ref: 43 **Johnson, C. & Eccles, T.M.** 1983. *Plectoploeus erichsoni occidentalis* Besuchet (Coleoptera: Psephalidae) new to Britain. Entomologist's Gazette. 34: 267-269.
- Ref: 44 **Johnson, C.** 1972. *Eपुरaea adumbrata* Mannerheim and *E. biguttata* (Thunberg) (Col., Nitidulidae) new to Britain. Entomologist 105: 126-129.
- Ref: 45 **Johnson, C.** (1974) Studies on the genus *Corticaria* Marsham (Col., Lathridiidae) Part 1. Ann. Ent. Fennicae 40: 97-107.
- Ref: 46 **Johnson, C.** 1976b. Synonymic and other notes on British Coleoptera. Entomologist's Monthly Magazine. (1975) 111: 111-113.
- Ref: 47 **Anon.** (1973) Butterflies and Moths in 1973. Derbyshire Entomological Society Quarterly Journal No 34: 373-381.
- Ref: 48 **Harrison, F.**
- 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 Macro-lepidoptera.
- Ref: 53 **Elliott, B.**
- Ref: 54 **Statham, B.L.** (1989) Annual Lepidoptera Report, part 2: moths. Derbyshire Entomological Society Quarterly Journal, Winter 1988
- Ref: 55 **Pendleton, T.A. and Pendleton, D.T.** (2008) Sherwood Forest Lepidoptera Survey 2008 Report
- 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.
- Ref: 65 **Sterling, M.J.** (1984) Annual Lepidoptera Report, part 3. (Micro-lepidoptera) Derbyshire Entomological Society Quarterly Journal 79
- Ref: 66 **Parsons, M.S.**
- Ref: 67 **Beaumont, H.**
- Ref: 68 **Sherwood Forest Visitor Centre**, Rothamsted Trap Results 1986-1990
- Ref: 69 **Kidson Taylor, J.**
- Ref: 70 **Boroff, A.** Privately held record (unpublished)
- Ref: 71 **Rogers, R.** Privately held record (unpublished)
- Ref: 72 **Clough, J.** Privately held record (unpublished)
- Ref: 73 **Joynt, G.** Privately held record (published)
- Ref: 74 **Dutton, A. & Dutton, C.** Privately held record (published)
- Ref: 75 **Natural England East Midlands.** 2005 ISR Data
- Ref: 76 **English Nature East Midlands Team.** 1999 ISR Data
- Ref: 77 **Binding, A. and Binding, A.E.** Privately held record (unpublished)
- Ref: 78 **Sorby Natural History Society Index**
- Ref: 79 **Sorby Invertebrate Group**
- Ref: 80 **Natural England East Midlands.** 2006 ISR Data
- Ref: 81 **Sherwood Forest Visitor Centre.** Untitled handwritten document.
- 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: 87 **Denton, M.L. Green, E.J. Hemingway, D.G. Legg, G. Nellist, D.R. and Sharp, D.** Arachnid survey of Birklands and Bilhaugh candidate Special Area of Conservation (SAC), Sherwood Forest, Nottinghamshire. Entotax consultants for English Nature. Unpublished report 2003.
- Ref: 88 **Orpe, K.J.** Derbyshire Entomological Society Moth Watch Report 11/07/86
- Ref: 89 **British Arachnological Society** Sherwood Forest Country Park Arachnid Survey 1978-1979 Report
- Ref: 90 **Wright, S.** 2001. The Conservation Status of Lepidoptera in Nottinghamshire. Second edition, December 2001. Nottingham Natural History Museum.
- Ref: 91 **Lavers, C.** Privately held record (unpublished)
- Ref: 92 **Crocker, J.** (1978) Sherwood Forest Country Park - Arachnid Survey: 1978 report. MS report.
- Ref: 93 **Roberts, M.J.**
- Ref: 94 **Crocker, J.** (1979) The Sherwood Forest Arachnid survey. British Arachnological Society. Secretary's Newsletter 25:4.
- Ref: 95 **Woodward, R.** Privately held record
- Ref: 96 **Derbyshire and Nottinghamshire Entomological Society Database**
- Ref: 97 **Gray, M.** Privately held record
- Ref: 98 **Hursthouse, D.** Privately held record
- Ref: 99 **Pyke, M.** Privately held record
- Ref: 100 **Cornish, C.** Privately held record
- Ref: 101 **Stander, K.** Privately held record (published)
- Ref: 102 **Chandler, A.** Privately held record (published)

- 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: 106 **Williams, H. Faulds, T. and Harris, T.** (2003-2007) Extracted records from British Arachnological Society database.
- Ref: 107 **Frost, R.A.** (1989) Annual Lepidoptera report (1989) Part1: Butterflies. Derbyshire Entomological Society Quarterly Journal, No 97.
- Ref: 108 **Godfrey, A.** (2006) Sherwood Heath SSSI Invertebrate Survey. A report to Sherwood Forest Trust, January 2007
- Ref: 109 **Hursthouse, D.** Privately held record, via email correspondence
- Ref: 110 **Williams, H.** Two encounters with spiders. Spider Recording Scheme Newsletter, November 2007: No 59.
- 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.
- Ref: 112 **Alexander, K.N.A.** Privately held record, via email correspondence
- Ref: 113 **Dawson, M.** Privately held record, via email correspondence
- Ref: 114 **Dutton, A.** Privately held record (published)
- Ref: 115 **Joynt, G. Pendleton, T.A. Pendleton, D.T.** Sherwood Forest public moth trapping event, June 25th 2010
- Ref: 116 **Cox, K.** Privately held record.
- Ref: 117 **Alexander, K.N.A.** Invertebrate assemblage condition at Birklands and Bilhaugh SSSI. A report to Natural England Nottinghamshire Team, July 2010.
- Ref: 118 **Alexander, K.N.A.** Invertebrate assemblage condition at Birklands West and Ollerton Corner SSSI. A report to Natural England Nottinghamshire Team, July 2010.
- Ref: 119 **Pendleton, T.A. and Pendleton, D.T.** Budby South Forest Invertebrate Assemblage, July-September 2010 - A preliminary report to Natural England East Midlands
- Ref: 120 **Budworth, D.** Derbyshire and Nottinghamshire Entomological Society Database. Mothwatch at Sherwood Forest CP 19/09/09.
- Ref: 121 **Wright, S.** (2010) Nottinghamshire Macro Moth Report 2009
- Ref: 122 **Natural England East Midlands.** 2005 ISR Data
- Ref: 123 **Godfrey, A.** Saproxylic Diptera Survey of Birklands and Bilhaugh SSSI and SAC, Nottinghamshire - A report to Natural England, October 2010.
- Ref: 124 **NBN Gateway**
- Ref: 125 Specimens known to be held at Leicestershire Museum CRC, Barrow upon Soar.
- Ref: 126 **Vaughan, M.** Privately held record (unpublished)
- Ref: 127 **Frost, R.A.** Privately held record (unpublished)
- Ref: 128 **Pendleton, T.A. and Pendleton, D.T.** A brief report on the invertebrate survey results from both grazed and non-grazed areas 2012
- Ref: 129 **Major, I. Ball, W.** Privately held record (unpublished)
- Ref: 130 **Merritt, R.** Privately held record
- Ref: 131 **Hackman, J. Webb, J. Drewitt, A. Small J. Button, N. et al.** Birklands and Bilhaugh SSSI & Birklands West and Ollerton Corner SSSI, Nottinghamshire Saproxylic invertebrate survey, Natural England Field Unit, April-October 2018.
- Ref: 132 **Baker, P.S. Leach, I. and Harte, K.** Privately held record (published)
- Ref: 133 **Wright, S.** Nottinghamshire Macro Moth Report 2010
- Ref: 134 **Wright, S.** Nottinghamshire Macro Moth Report 2011
- Ref: 135 **Wright, S.** Nottinghamshire Macro Moth Report 2012
- Ref: 136 **Wright, S.** Nottinghamshire Macro Moth Report 2013
- Ref: 137 **Wright, S.** Nottinghamshire Macro Moth Report 2014
- Ref: 138 **Wright, S.** Nottinghamshire Macro Moth Report 2015
- Ref: 139 **BPGS**
- Ref: 140 **Beeley, G.** Privately held record
- Ref: 141 **Skinner, M.** Privately held record
- Ref: 142 **Musgrove, A.** Privately held record
- Ref: 143 **Whiteley, D.** Privately held record
- Ref: 144 **Heeney, W.** Privately held record
- Ref: 145 **Wright, S.** Nottinghamshire Macro Moth Report 2016
- Ref: 146 **Wright, S.** Nottinghamshire Macro Moth Report 2017
- Ref: 147 **Wright, S.** Nottinghamshire Macro Moth Report 2018
- Ref: 148 **Batty, S.** Privately held record
- Ref: 149 **Brock, P. Brock, H. Bingham, J. and Bingham, D.** Privately held records (published via Natural England Birklands and Bilhaugh SSSI & Birklands West and Ollerton Corner SSSI, Nottinghamshire Saproxylic invertebrate survey, Natural England Field Unit, April-October 2018). See Ref: 131
- Ref: 150 **RSPB**
- Ref: 151 **iRECORD**
- Ref: 152 **Evans, I. and Bee, L.** Midia midas survey on behalf of Natural England.
- Ref: 153 **Shaw, D.** Privately held record.
- Ref: 154 **Case, C.** Privately held record.
- Ref: 155 **Kirkham, E.** Privately held record
- Ref: 156 **Baker, P. Harte, K. and Leach, I.** Lepidoptera recorded from Budby South Forest 2015 and 2016.
- Ref: 157 **Nottinghamshire Glow Worm Survey.** Records published on [www.eakingbirds.com](http://www.eakingbirds.com).
- Ref: 158 **UK Glow Worm Survey.** Published records.
- Ref: 159 **Watson, C.** Occasional records from Sherwood Forest
- Ref: 160 **McGeever, D. and McGeever, V.** Privately held record.
- Ref: 161 **UK Weevil and Bark Beetle Recording Scheme.**
- Ref: 162 **Bentley, H.** Privately held record.
- Ref: 163 **Shaw, D.** Privately held record.
- Ref: 164 **Wright, S. and Osborne, J.** Privately held record.
- Ref: 165 **Dipterist's Forum Weekend.** Record taken from NBN Atlas.
- Ref: 166 **Kiemel Greene, I.** Privately held record.
- Ref: 167 **Unknown source**
- Ref: 168 **British Myriapod and Isopod Group Database**
- Ref: 169 **Brownley, N. and Brownley, S.** Privately held record.
- Ref: 170 **Butterfly Conservation record.** Recorder information withheld.

## Species List: Myriapoda and Isopoda - Centipedes Millipedes and Woodlice

CLASS CHILOPODA  
ORDER GEOPHILOMORPHA

### Himantariidae

Haplophilus Cook, 1896

*Haplophilus subterraneus* Cook, 1896

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

### Schendylidae

Schendyla Bersgoë & Meinert, 1886

*Schendyla nemorensis* (C.L. Koch, 1837)

Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
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### Geophilidae

Geophilus Leach, 1814

*Geophilus easoni* Arthur et al., 2001

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Geophilus flavus* (De Geer, 1778)

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

*Geophilus insculptus* Attems, 1895

Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Geophilus truncorum* Bergsoë & Meinert, 1886

Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## ORDER SCOLOPENDROMORPHA

### Cryptopsidae

*Cryptops* Leach, 1814

*Cryptops hortensis* Leach, 1814

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

## ORDER LITHOBIOMORPHA

### Lithobiidae

*Lithobius* Leach, 1814

*Lithobius calcaratus* C.L. Koch, 1844

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Lithobius crassipes* L. Koch, 1862

Jones, R.E. 1970	Birklands and Bilhaugh	Ref: 168
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

*Lithobius forficatus* (Linnaeus, 1758)

Barber, T. 1969	Birklands and Bilhaugh	Ref: 168
Jones, R.E. 1970	Birklands and Bilhaugh	Ref: 168
Jones, R.E. 1970	Birklands West and Ollerton Corner	Ref: 168
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Lithobius melanops* Newport, 1845

Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
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*Lithobius microps* Meinert, 1868

Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
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*Lithobius muticus* C.L. Koch, 1862

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36

CLASS DIPLOPODA  
ORDER GLOMERIDA

**Glomeridae Leach, 1815**

*Glomeris* Latreille, 1802/1803

*Glomeris marginata* (Villers, 1789)

Barber, T. 1969	Birklands and Bilhaugh	Ref: 168
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Skinner, M. 2015	Birklands and Bilhaugh	Ref: 141
Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Heeney, W. 2017	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Shaw, D. 2020	Birklands and Bilhaugh	Ref: 163
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

ORDER CHORDEUMATIDA

Craspedosomatidae Gray, 1843

**Nanogona Cook, 1895**

*Nanogona polydesmoides* (Leach, 1814)

Barber, T. 1969	Birklands and Bilhaugh	Ref: 168
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

## Chordeumatidae

Chordeuma C.L. Koch, 1847

*Chordeuma proximum* Ribaut, 1913

Pendleton, T.A. and Pendleton, D.T. 2015  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. 2020

Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36

## ORDER POLYDESMIDA

### Polydesmidae Leach, 1815

Brachydesmus Heller, 1858

*Brachydesmus superus* Latzel, 1884

Pendleton, T.A. and Pendleton, D.T. 2014

Birklands and Bilhaugh Ref: 36

Polydesmus Latreille 1802/1803

*Polydesmus angustus* Latzel, 1884

Barber, T. 1969  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2014  
Pendleton, T.A. and Pendleton, D.T. 2014  
Pendleton, T.A. and Pendleton, D.T. 2015  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 168  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Sherwood Heath Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 36

*Polydesmus denticulatus* C.L. Koch, 1847

Godfrey, A. 2006

Birklands West / Sherwood Heath Ref: 108

## ORDER JULIDA

### Blaniulidae C.L. Koch, 1847

Proteroiulus Silvestri, 1897

*Proteroiulus fuscus* (Am Stein, 1857)

Barber, T. 1969  
Alexander, K.N.A. 2009  
Alexander, K.N.A. 2009  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2014  
Pendleton, T.A. and Pendleton, D.T. 2014  
Pendleton, T.A. and Pendleton, D.T. 2014  
Pendleton, T.A. and Pendleton, D.T. 2014  
Pendleton, T.A. and Pendleton, D.T. 2015  
Pendleton, T.A. and Pendleton, D.T. 2015  
Pendleton, T.A. and Pendleton, D.T. 2015  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. 2020  
Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 168  
Birklands West and Ollerton Corner Ref: 117  
Birklands and Bilhaugh / Buck Gates Ref: 117  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands West / Sherwood Heath Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Sherwood Heath Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36

Blaniulus Gervais, 1836

*Blaniulus guttulatus* (Fabricius, 1798)

Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014

Birklands and Bilhaugh

Ref: 36

## Nemasomatidae

*Nemasoma* C.L. Koch, 1847

*Nemasoma varicorne* C.L. Koch, 1847

Pendleton, T.A. and Pendleton, D.T. 2015

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. 2020

Birklands and Bilhaugh

Ref: 36

## Julidae Leach, 1814

*Cylindroiulus* Verhoeff, 1894

*Cylindroiulus britannicus* (Verhoeff, 1891)

Pendleton, T.A. and Pendleton, D.T. 2016

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands West / Sherwood Heath

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2019

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. 2020

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. 2020

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. 2020

Birklands and Bilhaugh / Budby SF

Ref: 36

*Cylindroiulus caeruleocinctus* (Wood, 1864)

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands West / Clipstone Old Qtr

Ref: 36

*Cylindroiulus punctatus* (Leach, 1815)

Barber, T. 1969

Birklands and Bilhaugh

Ref: 168

Jones, R.E. 1970

Birklands and Bilhaugh

Ref: 168

Jones, R.E. 1970

Birklands West and Ollerton Corner

Ref: 168

Alexander, K.N.A. 2009

Birklands and Bilhaugh

Ref: 117

Alexander, K.N.A. 2009

Birklands and Bilhaugh / Buck Gates

Ref: 117

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014

Birklands West / Sherwood Heath

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2015

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2015

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2019

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. 2020

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. 2020

Birklands and Bilhaugh

Ref: 36

*Julus* Linnaeus, 1758

*Julus scandinavicus* Latzel, 1884

Pendleton, T.A. and Pendleton, D.T. 2015

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. 2020

Birklands West / Clipstone Old Qtr

Ref: 36

*Ommatoiulus* Latzel, 1884

*Ommatoiulus sabulosus* (Linnaeus, 1758)

Godfrey, A. 2006

Birklands West / Sherwood Heath

Ref: 108

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands West / Sherwood Heath

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014

Birklands and Bilhaugh

Ref: 36

Musgrove, A. 2017

Birklands and Bilhaugh

Ref: 142

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh

Ref: 36

Skinner, M. 2017

Birklands and Bilhaugh

Ref: 141

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands West / Sherwood Heath Ref: 36

### Tachypodoiulus Verhoeff, 1893

#### *Tachypodoiulus niger* (Leach, 1814)

Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2014  
Pendleton, T.A. and Pendleton, D.T. 2014  
Pendleton, T.A. and Pendleton, D.T. 2015  
Pendleton, T.A. and Pendleton, D.T. 2015  
Pendleton, T.A. and Pendleton, D.T. 2015  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. and Pendleton, D.T. 2019  
Pendleton, T.A. 2020  
Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Sherwood Heath Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West and Ollerton Corner Ref: 36  
Birklands West / Sherwood Heath Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36

## ORDER ISOPODA

### Trichoniscidae Sars, 1899

#### Haplophthalmus Schoebl, 1861

##### *Haplophthalmus danicus* Budde-Lund, 1880

Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. and Pendleton, D.T. 2019  
Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36

##### *Haplophthalmus mengii* (Zaddach, 1844)

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands West / Clipstone Old Qtr Ref: 36

#### Trichoniscus Brandt, 1833

##### *Trichoniscus provisorius* Racovitza, 1908

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands and Bilhaugh Ref: 36

##### *Trichoniscus pusillus* Brandt, 1833

Pendleton, T.A. and Pendleton, D.T. 2014  
Pendleton, T.A. and Pendleton, D.T. 2014  
Pendleton, T.A. and Pendleton, D.T. 2015  
Pendleton, T.A. and Pendleton, D.T. 2015  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. and Pendleton, D.T. 2019  
Pendleton, T.A. 2020  
Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West / Sherwood Heath Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Sherwood Heath Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36

### Philosciidae Kinahan, 1857

#### Philoscia Latreille, 1804

##### *Philoscia muscorum* (Scopoli, 1763)

Pendleton, T.A. and Pendleton, D.T. 2014  
Pendleton, T.A. and Pendleton, D.T. 2015  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Sherwood Heath Ref: 36



Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## **Oniscidae Latreille, 1806**

### **Oniscus Linnaeus, 1758**

#### *Oniscus asellus* Linnaeus, 1758

Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

## **Porcellionidae Brandt & Ratzeburg, 1831**

### **Porcellio Latreille, 1804**

#### *Porcellio scaber* Latreille, 1804

Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Species List: Arachnida - Spiders, Harvestmen and Pseudoscorpions

### ORDER ARACHNIDA

#### Pholcidae

Pholcus Walckenaer, 1805

*Pholcus phalangioides* (Fuesslin, 1775)

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36

#### Segestriidae

Segestria Latreille, 1804

*Segestria senoculata* (Linnaeus, 1758)

	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

#### Dysderidae

Harpactea Bristowe, 1939

*Harpactea hombergi* (Scopoli, 1763)

	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

## Oonopidae

Oonops Templeton, 1835

*Oonops pulcher* Templeton, 1835

BAS Survey Team 1977  
BAS Survey Team 1978  
Denton, M.L. et al 2002  
Denton, M.L. et al 2002  
Denton, M.L. et al 2002  
Williams, H. 2003  
Pendleton, T.A. and Pendleton, D.T. 2014  
Pendleton, T.A. and Pendleton, D.T. 2015  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2019  
Pendleton, T.A. 2020  
Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 1  
Birklands West and Ollerton Corner Ref: 1  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh / Buck Gates Ref: 87  
Birklands West and Ollerton Corner Ref: 87  
Birklands and Bilhaugh Ref: 87  
Birklands and Bilhaugh Ref: 106  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36

## Mimetidae

Ero C.L. Koch, 1837

*Ero cambridgei* (Kulczynski, 1911)

Chaster, G.W. 1904  
BAS Survey Team 1977  
BAS Survey Team 1978  
Godfrey, A. 2003  
Williams, H. 2003  
Pendleton, T.A. and Pendleton, D.T. 2015

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 92  
Birklands West / Sherwood Heath Ref: 104  
Birklands and Bilhaugh Ref: 106  
Birklands and Bilhaugh Ref: 36

*Ero furcata* (Villers, 1789)

Chaster, G.W. 1904  
BAS Survey Team 1977  
BAS Survey Team 1978  
Denton, M.L. et al 2002  
Godfrey, A. 2006  
Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 92  
Birklands West and Ollerton Corner Ref: 87  
Birklands West / Sherwood Heath Ref: 108  
Birklands and Bilhaugh Ref: 36

## Nesticidae

Nesticus Thorell, 1869

*Nesticus cellulanus* (Clerck, 1757)

Williams, H. 2003

Birklands and Bilhaugh Ref: 106

## Theridiidae

Episinus Walckenaer, 1809

*Episinus angulatus* (Blackwall, 1836)

Cornish, C. Crouch, N. and Pendleton, T.A. 2012  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 36

Euryopsis Menge, 1868

*Euryopsis flavomaculata* (C.L. Koch, 1836)

Denton, M.L. et al 2002

Birklands and Bilhaugh / Buck Gates Ref: 87

Crustulina Menge, 1868

*Crustulina guttata* (Wider, 1834)

BAS Survey Team 1977  
BAS Survey Team 1978  
Pendleton, T.A. and Pendleton, D.T. 2015  
Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh / Budby SF Ref: 1  
Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36

## Asagena Sundevall, 1833

### *Asagena phalerata* (Panzer, 1801)

BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36

## Steatoda Sundevall, 1833

### *Steatoda albamaculata* (De Geer, 1778)

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92

### *Steatoda bipunctata* (Linnaeus, 1758)

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Birklands and Bilhaugh / Budby SF	Ref: 36

## Anelosimus Simon, 1891

### *Anelosimus vittatus* (C.L. Koch, 1836)

Chaster, G.W. 1904	Birklands and Bilhaugh	Ref: 1
1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
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
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36

## Parasteatoda Archer, 1946

### *Parasteatoda lunata* (Clerck, 1757)

1912	Birklands and Bilhaugh	Ref: 1
1978	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36

### *Parasteatoda simulans* (Thorell, 1875)

Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
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## Phylloneta Archer, 1950

### *Phylloneta impressa* (L Koch, 1870)

Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36

*Phylloneta sisyphia* (Clerck, 1757)

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Williams, H. 2003	Birklands and Bilhaugh	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 106
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
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 28

*Theridion Walckenaer, 1805*

*Theridion melanurum* (Hahn, 1831)

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Theridion mystaceum* (L Koch, 1870)

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Buck Gates	Ref: 87
	Birklands and Bilhaugh	Ref: 36

*Theridion pictum* Walckenaer, 1802

Chaster, G.W. 1904	Birklands and Bilhaugh	Ref: 1
Chaster, G.W. 1904	Birklands and Bilhaugh / Budby SF	Ref: 1

*Theridion varians* (Hahn, 1833)

Chaster, G.W. 1904	Birklands and Bilhaugh	Ref: 1
Chaster, G.W. 1904	Birklands and Bilhaugh / Budby SF	Ref: 1
1912	Birklands and Bilhaugh	Ref: 1
1912	Birklands and Bilhaugh / Budby SF	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Platnickina Kocak & Kemal, 2008*

*Platnickina tincta* (Walckenaer, 1802)

Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36

*Simitidion Wunderlich, 1992*

*Simitidion simile* (C.L. Koch, 1836)

1977	Birklands and Bilhaugh / Budby SF	Ref: 92
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130

*Neottiura Menge, 1868*

*Neottiura bimaculatum* (Linnaeus, 1767)

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
	Birklands and Bilhaugh / Budby SF	Ref: 1
	Birklands and Bilhaugh	Ref: 92

BAS Survey Team 1978  
Binding, A.E. and Binding, A. 2009  
Merritt, R. 2012

Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 111  
Birklands and Bilhaugh / Budby SF Ref: 130

### Paidiscura Archer, 1850

#### *Paidiscura pallens* (Blackwall, 1834)

1912  
BAS Survey Team 1977  
BAS Survey Team 1978  
Binding, A.E. and Binding, A. 1999  
Denton, M.L. et al 2002  
Denton, M.L. et al 2002  
Denton, M.L. et al 2002  
Binding, A.E. and Binding, A. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2015  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 79  
Birklands and Bilhaugh / Buck Gates Ref: 87  
Birklands West / Clipstone Old Qtr Ref: 87  
Birklands and Bilhaugh Ref: 87  
Birklands and Bilhaugh Ref: 111  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 119  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West / Sherwood Heath Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West and Ollerton Corner Ref: 36  
Birklands and Bilhaugh Ref: 36

### Enoplognatha Pavesi, 1880

#### *Enoplognatha latimana* (Hipps & Oksala, 1982)

Williams, H. 2003  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh Ref: 106  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands West / Sherwood Heath Ref: 36

### *Enoplognatha ovata* (Clerck, 1757)

BAS Survey Team 1977  
BAS Survey Team 1978  
Binding, A.E. and Binding, A. 1999  
Merritt, R. 1999  
Denton, M.L. et al 2002  
Denton, M.L. et al 2002  
Williams, H. 2003  
Godfrey, A. 2006  
Binding, A.E. and Binding, A. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Godfrey, A. 2010  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Merritt, R. 2012  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2014  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2018

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 79  
Birklands and Bilhaugh / Budby SF Ref: 130  
Birklands and Bilhaugh / Buck Gates Ref: 87  
Birklands and Bilhaugh Ref: 87  
Birklands and Bilhaugh Ref: 106  
Birklands West / Sherwood Heath Ref: 108  
Birklands and Bilhaugh Ref: 111  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands West / Sherwood Heath Ref: 36  
Birklands and Bilhaugh / Buck Gates Ref: 123  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 119  
Birklands and Bilhaugh / Budby SF Ref: 130  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West / Sherwood Heath Ref: 128  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands West / Sherwood Heath Ref: 36  
Birklands West and Ollerton Corner Ref: 36

*Enoplognatha thoracica* (Hahn, 1833)

Chaster, G.W. 1904  
BAS Survey Team 1977  
BAS Survey Team 1978

Birklands and Bilhaugh / Budby SF Ref: 1  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 92

Robertus O.P.-Cambridge, 1879

*Robertus lividus* (Blackwall, 1836)

BAS Survey Team 1977  
BAS Survey Team 1978  
Denton, M.L. et al 2002  
Denton, M.L. et al 2002  
Williams, H. 2003  
Godfrey, A. 2006  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2018

Birklands and Bilhaugh Ref: 1  
Birklands West and Ollerton Corner Ref: 1  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh / Buck Gates Ref: 87  
Birklands and Bilhaugh Ref: 87  
Birklands and Bilhaugh Ref: 106  
Birklands West / Sherwood Heath Ref: 108  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36

Pholcomma Thorell, 1869

*Pholcomma gibbum* (Westring, 1851)

Crocker, J. 1971  
Crocker, J. 1971  
BAS Survey Team 1977  
BAS Survey Team 1978  
Denton, M.L. et al 2002

Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh / Buck Gates Ref: 92  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh / Buck Gates Ref: 87

Theonoe Simon, 1881

*Theonoe minutissima* (O.P.-Cambridge, 1879)

Crocker, J. 1971  
BAS Survey Team 1977  
BAS Survey Team 1978

Birklands and Bilhaugh / Buck Gates Ref: 92  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 92

**Linyphiidae**

Ceratinella Emerton, 1882

*Ceratinella brevipes* (Westring, 1851)

BAS Survey Team 1977  
BAS Survey Team 1978  
Godfrey, A. 2006

Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 92  
Birklands West / Sherwood Heath Ref: 108

*Ceratinella brevis* (Wider, 1834)

Jackson, A.R. 1912  
BAS Survey Team 1977  
BAS Survey Team 1978  
Denton, M.L. et al 2002  
Denton, M.L. et al 2002  
Denton, M.L. et al 2002  
Godfrey, A. 2003  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh / Buck Gates Ref: 87  
Birklands West and Ollerton Corner Ref: 87  
Birklands and Bilhaugh Ref: 87  
Birklands West / Sherwood Heath Ref: 104  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West and Ollerton Corner Ref: 36  
Birklands and Bilhaugh Ref: 36

Walckenaeria Blackwall, 1833

*Walckenaeria accuminata* (Blackwall, 1833)

BAS Survey Team 1977  
BAS Survey Team 1978  
Merritt, R. 1998  
Denton, M.L. et al 2002  
Denton, M.L. et al 2002  
Williams, H. 2003

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 92  
Birklands West / Clipstone Old Qtr Ref: 130  
Birklands and Bilhaugh / Buck Gates Ref: 87  
Birklands and Bilhaugh Ref: 87  
Birklands and Bilhaugh Ref: 106

Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Walckenaeria antica</i> (Wider, 1834)		
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
<i>Walckenaeria atrotibialis</i> (O.P.-Cambridge, 1878)		
BAS Survey Team 1977	Birklands and Bilhaugh / Budby SF	Ref: 92
<i>Walckenaeria cucullata</i> (C.L. Koch, 1836)		
Jackson, A.R. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
<i>Walckenaeria cuspidata</i> Blackwall, 1833		
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
<i>Walckenaeria dysderoides</i> (Wider, 1834)		
Chaster, G.W. 1904	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
<i>Walckenaeria furcillata</i> (Menge, 1869)		
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
1979	Birklands and Bilhaugh	Ref: 94
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
<i>Walckenaeria incisa</i> (O.P.-Cambridge, 1871)		
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
<i>Walckenaeria nudipalpis</i> (Westring, 1851)		
Crocker, J. 1971	Birklands and Bilhaugh / Buck Gates	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
<i>Walckenaeria obtusa</i> Blackwall, 1836		
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
<i>Walckenaeria unicornis</i> O.P.-Cambridge, 1861		
Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Dicymbium</i> Menge, 1868		
<i>Dicymbium nigrum</i> (Blackwall, 1834)		
Chaster, G.W. 1904	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
<i>Entelecara</i> Simon 1884		
<i>Entelecara acuminata</i> (Wider, 1834)		
Chaster, G.W. 1904	Birklands and Bilhaugh	Ref: 1
Jackson, A.R. 1912	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West and Ollerton Corner	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<i>Entelecara congenera</i> (O.P.-Cambridge, 1869)		
BAS Survey Team 1977	Birklands and Bilhaugh / Budby SF	Ref: 92
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92



*Entelecara erythropus* (Westring, 1851)

BAS Survey Team 1978

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 92

*Moebelia* Dahl, 1886

*Moebelia penicillata* (Westring, 1851)

Jackson, A.R. 1912

BAS Survey Team 1978

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 92

*Gongylidium* Menge, 1868

*Gongylidium rufipes* (Linnaeus, 1758)

BAS Survey Team 1977

BAS Survey Team 1978

Denton, M.L. et al 2002

Denton, M.L. et al 2002

Binding, A.E. and Binding, A. 2009

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

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2016

Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 92  
Birklands West and Ollerton Corner Ref: 87  
Birklands and Bilhaugh Ref: 87  
Birklands and Bilhaugh Ref: 111  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36

*Dismodicus* Simon, 1884

*Dismodicus bifrons* (Blackwall, 1841)

Merritt, R. 1999

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh / Budby SF Ref: 130

*Hypomma* Dahl, 1886

*Hypomma bituberculatum* (Wider, 1834)

1977

Birklands and Bilhaugh Ref: 92

*Hypomma cornutum* (Blackwall, 1833)

Denton, M.L. et al 2002

Denton, M.L. et al 2002

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh / Buck Gates Ref: 87  
Birklands and Bilhaugh Ref: 87

*Metopobactrus* Simon, 1884

*Metopobactrus prominulus* (O.P.-Cambridge, 1872)

Chaster, G.W. 1904

Jackson, A.R. 1912

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

*Gonatium* Menge, 1868

*Gonatium rubens* (Blackwall, 1833)

BAS Survey Team 1978

Denton, M.L. et al 2002

Denton, M.L. et al 2002

Godfrey, A. 2003

Williams, H. 2003

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

Merritt, R. 2012

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 92  
Birklands West and Ollerton Corner Ref: 87  
Birklands and Bilhaugh Ref: 87  
Birklands West / Sherwood Heath Ref: 104  
Birklands and Bilhaugh Ref: 106  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 130  
Birklands West / Sherwood Heath Ref: 128

*Gonatium rubellum* (Blackwall, 1841)

BAS Survey Team 1978

Denton, M.L. et al 2002

Denton, M.L. et al 2002

Birklands and Bilhaugh Ref: 92  
Birklands West / Clipstone Old Qtr Ref: 87  
Birklands and Bilhaugh Ref: 87

*Maso* Simon, 1884

*Maso sundevalli* (Westring, 1851)

Chaster, G.W. 1904

Jackson, A.R. and Carr, L.A. 1912

BAS Survey Team 1977

BAS Survey Team 1978

Denton, M.L. et al 2002

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh / Buck Gates Ref: 87

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
<b>Peponocranium Simon, 1884</b>		
<i>Peponocranium ludicrum</i> (O.P.-Cambridge, 1872)		
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Merritt, R. 2012	Birklands and Bilhaugh	Ref: 92
	Birklands and Bilhaugh / Budby SF	Ref: 130
<b>Pocadicnemis Simon, 1884</b>		
<i>Pocadicnemis juncea</i> Locket & Millidge, 1953		
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
<i>Pocadicnemis pumila</i> (Blackwall, 1841) sensu stricto		
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Williams, H. 2003	Birklands and Bilhaugh	Ref: 87
	Birklands and Bilhaugh	Ref: 106
<b>Oedothorax Bertkau, 1883</b>		
<i>Oedothorax apicatus</i> (Blackwall, 1850)		
BAS Survey Team 1977	Birklands and Bilhaugh / Budby SF	Ref: 92
<i>Oedothorax fuscus</i> (Blackwall, 1834)		
BAS Survey Team 1977	Birklands and Bilhaugh / Budby SF	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Oedothorax gibbosus</i> (Blackwall, 1834)		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
<b>Silometopus Simon, 1926</b>		
<i>Silometopus elegans</i> (O.P.-Cambridge, 1872)		
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<b>Cnephlocotes Simon, 1884</b>		
<i>Cnephlocotes obscurus</i> (Blackwall, 1834)		
Chaster, G.W. 1904	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<b>Styloctetor Simon, 1881</b>		
<i>Styloctetor compar</i> (Westring, 1861)		
1979	Birklands and Bilhaugh	Ref: 94
<b>Tiso Simon, 1884</b>		
<i>Tiso vagans</i> (Blackwall, 1834)		
Chaster, G.W. 1904	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
<b>Minyriolus Simon, 1884</b>		
<i>Minyriolus pusillus</i> (Wider, 1834)		
Jackson, A.R. 1912	Birklands and Bilhaugh	Ref: 1
<b>Tapinocyba Simon, 1884</b>		
<i>Tapinocyba pallens</i> (O.P.-Cambridge, 1872)		
Crocker, J. 1971	Birklands and Bilhaugh / Buck Gates	Ref: 92
Vincent, M. 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
<i>Tapinocyba praecox</i> (O.P.-Cambridge, 1873)		
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
<b>Thyreosthenius Simon, 1884</b>		
<i>Thyreosthenius parasiticus</i> (Westring, 1851)		
Jackson, A.R. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
<b>Monocephalus Smith, 1906</b>		
<i>Monocephalus fuscipes</i>		
Jackson, A.R. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West and Ollerton Corner	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
<b>Lophomma Menge, 1868</b>		
<i>Lophomma punctatum</i> (Blackwall, 1841)		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
<b>Gongylidiellum Simon, 1884</b>		
<i>Gongylidiellum latebricola</i> (O.P.-Cambridge, 1871)		
Crocker, J. 1971	Birklands and Bilhaugh / Buck Gates	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
<b>Gongylidiellum vivum</b> (O.P.-Cambridge, 1875)		
Vincent, M. 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
<b>Micragus Dahl, 1886</b>		
<i>Micragus apertus</i> (O.P.-Cambridge, 1871)		
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
<i>Micragus herbigradus</i> (Blackwall, 1854) sensu stricto		
Chaster, G.W. 1904	Birklands and Bilhaugh	Ref: 1
Crocker, J. 1971	Birklands and Bilhaugh / Buck Gates	Ref: 92
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Micragus subaequalis</i> (Westring, 1851)		
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
1979	Birklands and Bilhaugh	Ref: 94
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<b>Erigonella Dahl, 1901</b>		
<i>Erigonella hiemalis</i> (Blackwall, 1841)		
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
<b>Savignia Blackwall, 1833</b>		
<i>Savignia frontata</i> (Blackwall, 1833)		
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
<b>Diplocephalus Bertkau, 1883</b>		
<i>Diplocephalus cristatus</i> (Blackwall, 1833)		
BAS Survey Team 1977	Birklands and Bilhaugh / Budby SF	Ref: 92

<i>Diplocephalus latifrons</i> (O.P.-Cambridge, 1863)		
Jackson, A.R. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
<i>Diplocephalus permixtus</i> (O.P.-Cambridge, 1871)		
Merritt, R. 1998	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Diplocephalus picinus</i> (Blackwall, 1841)		
Jackson, A.R. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
<b>Erigone Audoin, 1826</b>		
<i>Erigone atra</i> Blackwall, 1833		
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 1
Merritt, R. 1998	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands West / Clipstone Old Qtr	Ref: 130
Williams, H. 2003	Birklands and Bilhaugh / Buck Gates	Ref: 87
Godfrey, A. 2006	Birklands and Bilhaugh	Ref: 106
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 108
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
<i>Erigone dentipalpis</i> (Wider, 1834)		
BAS Survey Team 1978	Birklands West and Ollerton Corner	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Merritt, R. 2012	Birklands and Bilhaugh / Buck Gates	Ref: 87
	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Collinsia</i> O.P.-Cambridge, 1913		
<i>Collinsia inerrans</i> (O.P.-Cambridge, 1885)		
1979	Birklands and Bilhaugh	Ref: 94
<b>Porrhomma Simon, 1884</b>		
<i>Porrhomma pallidum</i> Jackson, 1913		
Crocker, J. 1971	Birklands and Bilhaugh / Buck Gates	Ref: 92
Crocker, J. 1971	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<i>Porrhomma pygmaeum</i> (Blackwall, 1834)		
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
<b>Agyneta Hull, 1911</b>		
<i>Agyneta affinis</i> (Kulczynski, 1898)		
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
<i>Agyneta cauta</i> (O.P.-Cambridge, 1902)		
BAS Survey Team 1977	Birklands and Bilhaugh / Buck Gates	Ref: 92
1979	Birklands and Bilhaugh	Ref: 94
<i>Agyneta conigera</i> (O.P.-Cambridge, 1863)		
Jackson, A.R. and Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
<i>Agyneta innotabilis</i> (O.P.-Cambridge, 1863)		
Jackson, A.R. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92

<i>Agyneta rurestris</i> (C.L. Koch, 1836)		
Crocker, J. 1977	Birklands and Bilhaugh / Budby SF	Ref: 92
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Agyneta saxatilis</i> (Blackwall, 1844) sensu stricto		
Chaster, G.W. 1904	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
Microneta Menge, 1869		
<i>Microneta viaria</i> (Blackwall, 1841)		
Jackson, A.R. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West and Ollerton Corner	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Centromerus Dahl, 1886		
<i>Centromerus dilutus</i> (O.P.-Cambridge, 1875)		
Crocker, J. 1971	Birklands and Bilhaugh / Buck Gates	Ref: 92
Crocker, J. 1971	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
<i>Centromerus prudens</i> (O.P.-Cambridge, 1873)		
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands West and Ollerton Corner	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Centromerus sylvaticus</i> (Blackwall, 1841)		
Crocker, J. 1971	Birklands and Bilhaugh / Buck Gates	Ref: 92
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Centromerita Dahl, 1912		
<i>Centromerita bicolor</i> (Blackwall, 1833)		
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
<i>Centromerita concinna</i> (Thorell, 1875)		
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Sintula Simon, 1884		
<i>Sintula cornigera</i> (Blackwall, 1856)		
Crocker, J. 1971	Birklands and Bilhaugh / Buck Gates	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Saaristoa Millidge, 1978		
<i>Saaristoa abnormis</i> (Blackwall, 1841)		
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 1
	Birklands and Bilhaugh	Ref: 92
<i>Saaristoa firma</i> (O.P.-Cambridge, 1905)		
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
Macrargus Dahl, 1886		
<i>Macrargus rufus</i> (Wider, 1834)		
	Birklands and Bilhaugh	Ref: 1

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Bathyphantes Menge, 1866</b>		
<i>Bathyphantes gracilis</i> (Blackwall, 1841)		
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Merritt, R. 1998	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Bathyphantes nigrinus</i> (Westring, 1851)		
	Birklands and Bilhaugh	Ref: 1
<i>Bathyphantes parvulus</i> (Westring, 1851)		
Chaster, G.W. 1904	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
<b>Kaestneria Wiehle, 1956</b>		
<i>Kaestneria dorsalis</i> (Wider, 1834)		
	Birklands and Bilhaugh	Ref: 1
	Birklands and Bilhaugh / Budby SF	Ref: 1
<i>Kaestneria pullata</i> (O.P.-Cambridge, 1875)		
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
<b>Diplostyla Emerson, 1882</b>		
<i>Diplostyla concolor</i> (Wider, 1834)		
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Poeciloneta Kulczynski, 1894</b>		
<i>Poeciloneta variegata</i> (Blackwall, 1841)		
	Birklands and Bilhaugh	Ref: 1
	Birklands and Bilhaugh / Budby SF	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
<b>Drapetisca Menge, 1866</b>		
<i>Drapetisca socialis</i> (Sundevall, 1833)		
Chaster, G.W. 1904	Birklands and Bilhaugh	Ref: 1
1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands West / Clipstone Old Qtr	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Tapinopa Westring, 1851</b>		
<i>Tapinopa longidens</i> (Wider, 1834)		
Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
<b>Labulla Simon, 1884</b>		
<i>Labulla thoracica</i> (Simon, 1884)		
	Birklands West and Ollerton Corner	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92

## Stemonyphantes Menge, 1886

### *Stemonyphantes lineatus* (Linnaeus, 1758)

Chaster, G.W. 1904	Birklands and Bilhaugh	Ref: 1
Chaster, G.W. 1904	Birklands West and Ollerton Corner	Ref: 1
1912	Birklands and Bilhaugh	Ref: 1
1912	Birklands West and Ollerton Corner	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36

## Bolyphantes C.L. Koch, 1837

### *Bolyphantes alticeps* (Sundevall, 1833)

1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92

### *Bolyphantes luteolus* (Blackwall, 1833)

Chaster, G.W. 1904	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92

## Megalephyphantes Wunderlich, 1994

### *Megalephyphantes nebulosus* (Sundevall, 1830)

1912	Birklands and Bilhaugh	Ref: 1
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## Lepthyphantes Menge, 1886

### *Lepthyphantes minutus* (Blackwall, 1833)

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands West / Clipstone Old Qtr	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
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. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36

## Obscuriphantes Saaristo & Tanasevitch, 2000

### *Obscuriphantes obscurus* (Blackwall, 1841)

Birklands and Bilhaugh	Ref: 1
Birklands and Bilhaugh / Budby SF	Ref: 1

## Tenuiphantes Saaristo & Tanasevitch, 1996

### *Tenuiphantes alacris* (Blackwall, 1853)

Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

### *Tenuiphantes cristatus* (Menge, 1866)

Denton, M.L. et al 2002	Birklands West and Ollerton Corner	Ref: 87
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### *Tenuiphantes flavipes* (Blackwall, 1854)

Crocker, J. 1971	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West / Clipstone Old Qtr	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106

*Tenuiphantes mengei* (Kulczynski, 1887)

Crocker, J. 1971	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands West and Ollerton Corner	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87

*Tenuiphantes tenebricola* (Wider, 1834)

Jackson, A.R. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36

*Tenuiphantes tenuis* (Blackwall, 1852)

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Merritt, R. 1998	Birklands and Bilhaugh	Ref: 92
Merritt, R. 1999	Birklands West / Clipstone Old Qtr	Ref: 130
Denton, M.L. et al 2002	Birklands and Bilhaugh / Budby SF	Ref: 130
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West and Ollerton Corner	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36

*Tenuiphantes zimmermanni* (Bertkau, 1890)

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West / Clipstone Old Qtr	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36

*Palliduphantes* Saaristo & Tanasevitch, 2001

*Palliduphantes ericaeus* (Blackwall, 1853)

Crocker, J. 1971	Birklands and Bilhaugh	Ref: 92
Crocker, J. 1971	Birklands and Bilhaugh / Buck Gates	Ref: 92
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands West and Ollerton Corner	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104

*Palliduphantes insignis* (O.P.-Cambridge, 1913)

1912	Birklands and Bilhaugh	Ref: 1
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*Palliduphantes pallidus* (O.P.-Cambridge, 1871)

Crocker, J. 1971	Birklands and Bilhaugh / Buck Gates	Ref: 92
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92

*Midia* Saaristo & Wunderlich, 1995

*Midia midas* (Simon, 1884)

Jackson, A.R. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Evans, I. and Bee, L. et al 2014	Birklands and Bilhaugh	Ref: 152



## Helophora Menge, 1866

### *Helophora insignis* (Blackwall, 1841)

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands West / Clipstone Old Qtr	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36

## Linyphia Latreille, 1804

### *Linyphia hortensis* Sundevall, 1830

	Birklands West and Ollerton Corner	Ref: 1
	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36

## *Linyphia triangularis* (Clerck, 1757)

	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West / Clipstone Old Qtr	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
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 / 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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36

## Neriere Blackwall, 1833

### *Neriere clathrata* (Sundevall, 1830)

	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## *Neriere montana* (Clerck, 1757)

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36

## *Neriere peltata* (Wider, 1834)

	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

## Microlinyphia Gerhardt, 1928

### *Microlinyphia pusilla* (Sundevall, 1830)

BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 1
Merritt, R. 1999	Birklands and Bilhaugh	Ref: 92
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
	Birklands and Bilhaugh / Budby SF	Ref: 36

## Tetragnathidae

### Tetragnatha Latreille, 1804

#### *Tetragnatha extensa* (Linnaeus, 1758)

Chaster, G.W. 1904	Birklands and Bilhaugh / Budby SF	Ref: 1
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
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. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

#### *Tetragnatha pinicola* L. Koch, 1870

Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
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#### *Tetragnatha montana* (Simon, 1874)

Merritt, R. 1998	Birklands West / Clipstone Old Qtr	Ref: 130
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

#### *Tetragnatha obtusa* C.L. Koch, 1837

BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
	Birklands West and Ollerton Corner	Ref: 36

Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>Pachygnatha Sundevall, 1823</b>		
<i>Pachygnatha clercki</i> (Sundevall, 1823)		
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 1
Merritt, R. 1998	Birklands and Bilhaugh	Ref: 92
Godfrey, A. 2006	Birklands West / Clipstone Old Qtr	Ref: 130
	Birklands West / Sherwood Heath	Ref: 108
 <i>Pachygnatha listeri</i> (Sundevall, 1830)		
Crocker, J. 1971	Birklands and Bilhaugh / Buck Gates	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
 <i>Pachygnatha degeeri</i> (Sundevall, 1830)		
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Godfrey, A. 2003	Birklands West / Clipstone Old Qtr	Ref: 87
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
 <b>Metellina Chamberlin &amp; Ivie, 1941</b>		
<i>Metellina mengi</i> (Chamberlin & Ivie, 1941)		
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
 <i>Metellina meriana</i> (Scopoli, 1763)		
Crocker, J. 1971	Birklands and Bilhaugh / Buck Gates	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
 <i>Metellina segmentata</i> (Clerck, 1757)		
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Merritt, R. 1998	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands West / Clipstone Old Qtr	Ref: 130
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West / Clipstone Old Qtr	Ref: 87
Godfrey, A. 2003	Birklands and Bilhaugh	Ref: 87
Williams, H. 2003	Birklands West / Sherwood Heath	Ref: 104
	Birklands and Bilhaugh	Ref: 106

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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 / 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. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36

## Meta C.L. Koch, 1836

### *Meta bournetii* (Simon, 1922)

BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Williams, H. 2006	Birklands and Bilhaugh	Ref: 106
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
Joynt, G. Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. et al 2012	Birklands and Bilhaugh	Ref: 36

## Araneidae

### Gibbaranea Archer, 1951

#### *Gibbaranea gibbosa* (Walckenaer, 1802)

BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Williams, H. 2003	Birklands and Bilhaugh / Buck Gates	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 106
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36

## Araneus Clerck, 1758

### *Araneus diadematus* Clerck, 1757

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West / Clipstone Old Qtr	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36

#### *Araneus marmoreus* Clerck, 1757

BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36

#### *Araneus quadratus* Clerck, 1757

Jackson, A.R. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Binding, A.E. and Binding, A. 1999	Birklands and Bilhaugh	Ref: 79
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
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
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

#### *Araneus sturmi* (Hahn, 1831)

Carr, L.A. Carr, J.W. and Jackson, A.R. 1912	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36

#### Larinioides Di Caporiacco, 1934

##### *Larinioides cornutus* (Clerck, 1757)

Merritt, R. 1999	Birklands and Bilhaugh	Ref: 1
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 111
	Birklands and Bilhaugh / Budby SF	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh / Budby SF Ref: 119

## Nuctenea Simon, 1864

### *Nuctenea umbratica* (Clerck, 1757)

BAS Survey Team 1977  
BAS Survey Team 1978  
Denton, M.L. et al 2002  
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. 2010  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2014  
Pendleton, T.A. and Pendleton, D.T. 2015  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. and Pendleton, D.T. 2019

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh / Buck Gates Ref: 87  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Sherwood Heath Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36

## Araniella Chamberlin & Ivie, 1942

### *Araniella cucurbitina* (Clerck, 1757) sensu stricto

Denton, M.L. et al 2002  
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  
Binding, A.E. and Binding, A. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Merritt, R. 2012  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2014  
Pendleton, T.A. and Pendleton, D.T. 2014  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. and Pendleton, D.T. 2019

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh / Buck Gates Ref: 87  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 111  
Birklands West / Sherwood Heath Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh / Budby SF Ref: 130  
Birklands and Bilhaugh Ref: 36  
Birklands West / Sherwood Heath Ref: 128  
Birklands West / Sherwood Heath Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West / Sherwood Heath Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36

### *Araniella opisthographa* (Kulczynski, 1905)

Denton, M.L. et al 2002  
Denton, M.L. et al 2002

Birklands and Bilhaugh / Buck Gates Ref: 87  
Birklands and Bilhaugh Ref: 87

Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36

### Hypsosinga Ausserer, 1881

#### *Hypsosinga albovittata* (Westring, 1851)

BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 119
	Birklands West / Sherwood Heath	Ref: 128

### *Hypsosinga pygmaea* (Sundevall, 1831)

BAS Survey Team 1977	Birklands and Bilhaugh / Budby SF	Ref: 92
1979	Birklands and Bilhaugh	Ref: 94
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36

### Cercidia Thorell, 1869

#### *Cercidia prominens* (Westring, 1851)

Mackie, D. 1971	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

### Zygiella F.O.P.-Cambridge, 1902

#### *Zygiella atrica* (C.L. Koch, 1845)

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36

### *Zygiella x-notata* (Clerck, 1757)

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36

### Cyclosa Menge, 1866

#### *Cyclosa conica* (Pallas, 1772)

BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36

## Lycosidae

*Pardosa* C.L. Koch, 1847

*Pardosa amentata* (Clerck, 1757)

BAS Survey Team 1978

Godfrey, A. 2006

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

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2012

Pendleton, T.A. and Pendleton, D.T. 2012

Pendleton, T.A. and Pendleton, D.T. 2015

Pendleton, T.A. and Pendleton, D.T. 2015

Pendleton, T.A. and Pendleton, D.T. 2016

Pendleton, T.A. and Pendleton, D.T. 2019

Birklands and Bilhaugh	Ref: 1
Birklands and Bilhaugh	Ref: 92
Birklands West / Sherwood Heath	Ref: 108
Birklands and Bilhaugh	Ref: 36
Birklands and Bilhaugh / Budby SF	Ref: 36
Birklands and Bilhaugh	Ref: 36
Birklands and Bilhaugh	Ref: 36
Birklands West / Sherwood Heath	Ref: 128
Birklands and Bilhaugh / Budby SF	Ref: 36
Birklands and Bilhaugh	Ref: 36
Birklands and Bilhaugh	Ref: 36
Birklands and Bilhaugh / Budby SF	Ref: 36

*Pardosa monticola* (Clerck, 1757)

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2011

Merritt, R. 2012

Pendleton, T.A. and Pendleton, D.T. 2017

Pendleton, T.A. 2020

Birklands and Bilhaugh	Ref: 1
Birklands and Bilhaugh / Budby SF	Ref: 36
Birklands and Bilhaugh / Budby SF	Ref: 36
Birklands West / Sherwood Heath	Ref: 36
Birklands and Bilhaugh / Budby SF	Ref: 130
Birklands and Bilhaugh / Budby SF	Ref: 36
Birklands and Bilhaugh	Ref: 36

*Pardosa nigriceps* (Thorell, 1856)

BAS Survey Team 1978

Godfrey, A. 2003

Pendleton, T.A. and Pendleton, D.T. 2010

Merritt, R. 2012

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands and Bilhaugh	Ref: 1
Birklands West and Ollerton Corner	Ref: 1
Birklands and Bilhaugh	Ref: 92
Birklands West / Sherwood Heath	Ref: 104
Birklands and Bilhaugh / Budby SF	Ref: 36
Birklands and Bilhaugh / Budby SF	Ref: 130
Birklands West / Sherwood Heath	Ref: 128

*Pardosa palustris* (Linnaeus, 1758)

Birklands and Bilhaugh	Ref: 1
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*Pardosa prativaga* (L. Koch, 1870)

BAS Survey Team 1978

Binding, A.E. and Binding, A. 2009

Birklands and Bilhaugh	Ref: 1
Birklands West and Ollerton Corner	Ref: 1
Birklands and Bilhaugh	Ref: 92
Birklands and Bilhaugh	Ref: 111

*Pardosa pullata* (Clerck, 1757)

BAS Survey Team 1978

Merritt, R. 1999

Denton, M.L. et al 2002

Denton, M.L. et al 2002

Binding, A.E. and Binding, A. 2009

Merritt, R. 2012

Birklands and Bilhaugh	Ref: 1
Birklands and Bilhaugh	Ref: 92
Birklands and Bilhaugh / Budby SF	Ref: 130
Birklands and Bilhaugh / Buck Gates	Ref: 87
Birklands and Bilhaugh	Ref: 87
Birklands and Bilhaugh	Ref: 111
Birklands and Bilhaugh / Budby SF	Ref: 130

*Pardosa saltans* (Töpfer-Hofmann, 2000)

BAS Survey Team 1977

BAS Survey Team 1978

Denton, M.L. et al 2002

Binding, A.E. and Binding, A. 2009

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2011

Merritt, R. 2012

Pendleton, T.A. and Pendleton, D.T. 2012

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh	Ref: 1
Birklands and Bilhaugh	Ref: 92
Birklands and Bilhaugh	Ref: 92
Birklands and Bilhaugh / Buck Gates	Ref: 87
Birklands and Bilhaugh	Ref: 111
Birklands and Bilhaugh / Budby SF	Ref: 119
Birklands West / Clipstone Old Qtr	Ref: 36
Birklands West / Clipstone Old Qtr	Ref: 36
Birklands and Bilhaugh	Ref: 36
Birklands and Bilhaugh / Budby SF	Ref: 130
Birklands and Bilhaugh	Ref: 36
Birklands and Bilhaugh / Budby SF	Ref: 36
Birklands and Bilhaugh	Ref: 36



Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

### Hygrolycosa Dahl, 1908

#### *Hygrolycosa rubrofasciata* (Ohlert, 1865)

Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92

### Alopecosa (Latreille, 1817) misident

#### *Alopecosa barbipes* (Sundevall, 1833)

BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Buck Gates	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Merritt, R. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 130
	Birklands and Bilhaugh / Budby SF	Ref: 36

### *Alopecosa pulverulenta* (Clerck, 1757)

BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Buck Gates	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36

### Trochosa C.L. Koch, 1847

#### *Trochosa terricola* Thorell, 1856

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West and Ollerton Corner	Ref: 87
Williams, H. 2003	Birklands and Bilhaugh	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 106
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

### Arctosa C.L. Koch, 1847

#### *Arctosa perita* (Latreille, 1799)

BAS Survey Team 1977	Birklands and Bilhaugh / Budby SF	Ref: 92
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36

## Pirata Sundevall, 1833

### *Pirata piraticus* (Clerck, 1757)

Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

### *Pirata hygrophila* Thorell, 1872

Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
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## Pisauridae

### Pisaura Simon, 1885

#### *Pisaura mirabilis* (Clerck, 1757)

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Merritt, R. 1999	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Budby SF	Ref: 130
Godfrey, A. 2003	Birklands and Bilhaugh / Buck Gates	Ref: 87
Williams, H. 2003	Birklands West / Sherwood Heath	Ref: 104
Williams, H. 2005	Birklands and Bilhaugh	Ref: 106
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 106
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 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. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Agelenidae

### Agelena Walckenaer, 1805

#### *Agelena labrynthica* (Clerck, 1757)

Major, I. Ball, W. 2012	Birklands West / Sherwood Heath	Ref: 129
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36

Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Textrix Sundevall, 1833</b>		
<i>Textrix denticulata</i> (Olivier, 1789)		
Carr, L.A. Carr, J.W. and Jackson, A.R. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West and Ollerton Corner	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>Eratigena Bolzern, Burckhardt &amp; Hänggi, 2013</b>		
<i>Eratigena agrestis</i> (Walckenaer, 1802)		
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
<b>Eratigena duellica Simon, 1875</b>		
1977	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Coelotes Blackwall, 1841</b>		
<i>Coelotes atropos</i> (Walckenaer, 1830)		
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Hahniidae</b>		
<b>Antistea Simon, 1898</b>		
<i>Antistea elegans</i> (Blackwall, 1841)		
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
<b>Iberina Simon, 1881</b>		
<i>Iberina montana</i> (Blackwall, 1841)		
Jackson, A.R. and Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West and Ollerton Corner	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
<b>Hahnia C.L. Koch, 1841</b>		
<i>Hahnia helveola</i> Simon, 1875		
Jackson, A.R. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands West and Ollerton Corner	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
<b>Hahnia nava</b> (Blackwall, 1841)		
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Dictynidae</b>		
<b>Dictyna Sundevall, 1833</b>		
<i>Dictyna arundinacea</i> (Linnaeus, 1758)		
Chaster, G.W. 1904	Birklands and Bilhaugh / Budby SF	Ref: 1

BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 1
Merritt, R. 1999	Birklands and Bilhaugh	Ref: 92
Godfrey, A. 2003	Birklands and Bilhaugh / Budby SF	Ref: 130
Binding, A.E. and Binding, A. 2009	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 111
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
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36

*Dictyna pusilla* Thorell, 1856

Chaster, G.W. 1904	Birklands and Bilhaugh	Ref: 1
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*Dictyna uncinata* Thorell, 1856

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West and Ollerton Corner	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Sherwood Heath	Ref: 36
	Birklands and Bilhaugh	Ref: 36

*Brigittea* Lehtinen, 1967

*Brigittea latens* (Fabricius, 1775)

Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
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*Lathys* Simon, 1884

*Lathys humilis* (Blackwall, 1855)

Jackson, A.R. and Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
	Birklands West and Ollerton Corner	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

*Mastigusa* Menge, 1854

*Mastigusa macrophthalma* (Kulczynski, 1897)

Chaster, G.W. 1904	Birklands and Bilhaugh	Ref: 1
Jackson, A.R. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West and Ollerton Corner	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36

## Amaurobiidae

*Amaurobius* C.L. Koch, 1837

*Amaurobius fenestralis* (Stroem, 1768)

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West / Clipstone Old Qtr	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

*Amaurobius ferox* (Walckenaer, 1830)

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
	Birklands and Bilhaugh	Ref: 36

*Amaurobius similis* (Blackwall, 1861)

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Birklands and Bilhaugh / Budby SF	Ref: 36

## Anyphaenidae

*Anyphaena* Sundevall, 1833

*Anyphaena accentuata* (Walckenaer, 1802)

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 1
Williams, H. 2003	Birklands and Bilhaugh / Buck Gates	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 106
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
	Birklands West / Clipstone Old Qtr	Ref: 36

## Liocranidae

*Agroeca* Westring, 1861

*Agroeca brunnea* (Blackwall, 1833)

BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
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*Agroeca proxima* (O.P.-Cambridge, 1871)

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36

**Phrurolithidae**

*Phrurolithus* C. L. Koch, 1839

*Phrurolithus festivus* (C. L. Koch, 1835)

Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36

**Clubionidae**

*Clubiona* Latreille, 1804

*Clubiona brevipes* Blackwall, 1841

BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands West / Sherwood Heath	Ref: 36
	Birklands and Bilhaugh	Ref: 36

*Clubiona compta* C. L. Koch, 1839

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
	Birklands and Bilhaugh	Ref: 36
	Birklands and Bilhaugh	Ref: 36

*Clubiona corticalis* (Walckenaer, 1802)

BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Buck Gates	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

*Clubiona diversa* O.P.-Cambridge, 1862

Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130

*Clubiona lutescens* Westring, 1851

Birklands and Bilhaugh	Ref: 1
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<i>Clubiona neglecta</i> O.P.-Cambridge, 1862 sensu stricto		
Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
<i>Clubiona pallidula</i> (Clerck, 1757)		
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Clubonia phragmitis</i> C. L. Koch, 1843		
	Birklands and Bilhaugh	Ref: 1
	Birklands and Bilhaugh / Budby SF	Ref: 1
<i>Clubonia reclusa</i> O.P.-Cambridge, 1863		
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 1
	Birklands and Bilhaugh	Ref: 111
<i>Clubiona terrestis</i> Westring, 1851		
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West / Clipstone Old Qtr	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
<i>Clubonia trivialis</i> C. L. Koch, 1843		
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West / Clipstone Old Qtr	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
<b>Cheiracanthiidae</b>		
<i>Cheiracanthium</i> C. L. Koch, 1839		
<i>Cheiracanthium erraticum</i> (Walckenaer, 1802)		
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
<i>Cheiracanthium virescens</i> (Sundevall, 1833)		
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>Gnaphosidae</b>		
<i>Drassodes</i> Westring, 1851		
<i>Drassodes cupreus</i> (Blackwall, 1834)		
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh / Buck Gates	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 111
	Birklands West / Sherwood Heath	Ref: 36
<i>Drassodes lapidosus</i> (Walckenaer, 1802)		
Bee, L. 1989	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 110
	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Drassodes pubescens</i> (Thorell, 1856)		
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36

## Haplodrassus Chamberlin, 1922

### *Haplodrassus signifer* (C.L. Koch, 1839)

Chaster, G.W. 1904

BAS Survey Team 1978

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 92

### *Haplodrassus silvestris* (Blackwall, 1833)

Chaster, G.W. 1904

BAS Survey Team 1978

Pendleton, T.A. 2020

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 92

Birklands West / Clipstone Old Qtr

Ref: 36

## Zelotes Gistel, 1848

### *Zelotes latreillei* (Simon, 1878)

BAS Survey Team 1978

Binding, A.E. and Binding, A. 2009

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2016

Birklands and Bilhaugh

Ref: 92

Birklands and Bilhaugh

Ref: 111

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 36

Birklands West / Clipstone Old Qtr

Ref: 36

## Micaria Westring 1851

### *Micaria pulicaria* (Sundevall, 1831)

BAS Survey Team 1977

Denton, M.L. et al 2002

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 92

Birklands and Bilhaugh / Buck Gates

Ref: 87

Birklands and Bilhaugh

Ref: 36

## Miturgiidae

### Zora C. L. Koch, 1847

#### *Zora nemoralis* (Blackwall, 1861)

Denton, M.L. et al 2002

Birklands and Bilhaugh

Ref: 87

#### *Zora spinimana* (Sundevall, 1833)

BAS Survey Team 1977

BAS Survey Team 1978

Denton, M.L. et al 2002

Denton, M.L. et al 2002

Denton, M.L. et al 2002

Williams, H. 2003

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

Pendleton, T.A. and Pendleton, D.T. 2010

Joynt, G. 2010

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2011

Merritt, R. 2012

Pendleton, T.A. and Pendleton, D.T. 2012

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2014

Pendleton, T.A. and Pendleton, D.T. 2015

Pendleton, T.A. and Pendleton, D.T. 2017

Pendleton, T.A. and Pendleton, D.T. 2017

Pendleton, T.A. and Pendleton, D.T. 2018

Pendleton, T.A. and Pendleton, D.T. 2019

Pendleton, T.A. 2020

Birklands and Bilhaugh

Ref: 1

Birklands West and Ollerton Corner

Ref: 1

Birklands and Bilhaugh

Ref: 92

Birklands and Bilhaugh

Ref: 92

Birklands and Bilhaugh / Buck Gates

Ref: 87

Birklands West and Ollerton Corner

Ref: 87

Birklands and Bilhaugh

Ref: 87

Birklands and Bilhaugh

Ref: 106

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 119

Birklands and Bilhaugh / Budby SF

Ref: 36

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 130

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 36

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh

Ref: 36

Birklands West / Clipstone Old Qtr

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 36

Birklands and Bilhaugh

Ref: 36

Birklands West / Clipstone Old Qtr

Ref: 36

Birklands and Bilhaugh

Ref: 36

#### *Zora silvestris* Kulczynski, 1897

BAS Survey Team 1978

Roberts, M.J. 1987

Denton, M.L. et al 2002

Williams, H. 2003

Faulds, T. 2003

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 92

Birklands and Bilhaugh

Ref: 93

Birklands and Bilhaugh

Ref: 87

Birklands and Bilhaugh

Ref: 106

Birklands and Bilhaugh

Ref: 106

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 119



Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. et al 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36

## Philodromidae

### Philodromus Walckenaer, 1826

#### *Philodromus aureolus* (Clerck, 1757)

BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Godfrey, A. 2003	Birklands and Bilhaugh	Ref: 87
Binding, A.E. and Binding, A. 2009	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36

#### *Philodromus cespitum* (Walckenaer, 1802)

Jackson, A.R. and Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36

#### *Philodromus collinus* C.L. Koch, 1835

Williams, H. 2005	Birklands and Bilhaugh	Ref: 106
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36

#### *Philodromus dispar* Walckenaer, 1826

1912	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<b><i>Philodromus praedatus</i> O.P.-Cambridge, 1871</b>		
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Thanatus C.L. Koch, 1837</b>		
<b><i>Thanatus striatus</i> C.L. Koch, 1845</b>		
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>Tibellus Simon, 1875</b>		
<b><i>Tibellus oblongus</i> (Walckenaer, 1802)</b>		
Merritt, R. 1999	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2003	Birklands and Bilhaugh / Budby SF	Ref: 130
Binding, A.E. and Binding, A. 2009	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Thomasidae</b>		
<b><i>Diaea</i> Thorell, 1870</b>		
<b><i>Diaea dorsata</i> (Fabricius, 1777)</b>		
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Xysticus C.L. Koch, 1835</b>		
<b><i>Xysticus audax</i> (Schrank, 1803)</b>		
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
<b><i>Xysticus cristatus</i> (Clerck, 1757)</b>		
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Williams, H. 2003	Birklands and Bilhaugh	Ref: 92
Godfrey, A. 2006	Birklands and Bilhaugh	Ref: 106
Binding, A.E. and Binding, A. 2009	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
<b><i>Xysticus erraticus</i> (Blackwall, 1834)</b>		
Chaster, G.W. 1904	Birklands and Bilhaugh	Ref: 1

BAS Survey Team 1978  
Denton, M.L. et al 2002  
Godfrey, A. 2003  
Harris, T. 2003  
Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 87  
Birklands West / Sherwood Heath Ref: 104  
Birklands and Bilhaugh Ref: 106  
Birklands and Bilhaugh Ref: 36

*Xysticus lanio* C.L. Koch, 1835

BAS Survey Team 1978  
Denton, M.L. et al 2002  
Binding, A.E. and Binding, A. 2009

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh / Buck Gates Ref: 87  
Birklands and Bilhaugh Ref: 111

*Ozyptila* Simon, 1864

*Ozyptila atomaria* (Panzer, 1801)

Williams, H. 2003  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 106  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36

*Ozyptila brevipes* (Hahn, 1826)

Carr, L.A. 1912

Birklands West and Ollerton Corner Ref: 1

*Ozyptila trux* (Blackwall, 1846)

1912  
BAS Survey Team 1978  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 92  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36

**Salticidae**

*Salticus* Latreille, 1804

*Salticus cingulatus* (Panzer, 1797)

Williams, H. 2005  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 106  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36

*Salticus scenicus* (Clerck, 1757)

Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2015

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36

*Heliophanus* C.L. Koch, 1833

*Heliophanus flavipes* (Hahn, 1832)

BAS Survey Team 1978  
Godfrey, A. 2006  
Binding, A.E. and Binding, A. 2009  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Merritt, R. 2012  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 92  
Birklands West / Sherwood Heath Ref: 108  
Birklands and Bilhaugh Ref: 111  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh / Budby SF Ref: 130  
Birklands West / Sherwood Heath Ref: 128  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands West / Sherwood Heath Ref: 128

Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

### Neon Simon, 1876

#### *Neon reticulatus* (Blackwall, 1853)

Jackson, A.R. and Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

### Euophrys C.L. Koch, 1834

#### *Euophrys frontalis* (Walckenaer, 1802)

	Birklands and Bilhaugh	Ref: 1
	Birklands and Bilhaugh / Budby SF	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

### Pseudeuophrys Dahl, 1902

#### *Pseudeuophrys lanigera* (O.P.-Cambridge, 1871)

Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
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### Talavera Peckham & Peckham, 1909

#### *Talavera aequipes* (O.P.-Cambridge, 1871)

BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
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### Hypositticus Lohmander, 1944

#### *Hypositticus pubescens* (Fabricius, 1775)

Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36

### Evarcha Simon, 1902

#### *Evarcha falcata* (Clerck, 1757)

	Birklands and Bilhaugh	Ref: 1
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Binding, A.E. and Binding, A. 1999	Birklands and Bilhaugh	Ref: 79
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Species List: Pseudoscorpions - False Scorpions

ORDER PSEUDOSCORPIONES Latreille, 1825

### Chthoniidae Daday, 1889

Chthonius C.L.Koch, 1843

*Chthonius (Chthonius) ischnocheles* (Herman, 1804)

1969

BAS Survey Team 1979

Birklands and Bilhaugh Ref: 131

Birklands and Bilhaugh Ref: 92

### Cheiridiidae Chamberlin, 1931

Cheiridium Menge, 1855

*Cheiridium museorum* (Leach, 1817)

BAS Survey Team 1978

Birklands and Bilhaugh Ref: 92

### Chernetidae Menge, 1855

Lamprochernes Tömövary, 1882

*Lamprochernes chyzeri* (Tömövary, 1882)

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh Ref: 36

*Lamprochernes nodosus* (Schränk, 1803)

1969

Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 131

Birklands and Bilhaugh Ref: 36

*Lamprochernes savignyi* (Simon, 1879)

Denton, M.L. et al 2002

Birklands and Bilhaugh Ref: 87

Allochernes Beier, 192

*Allochernes wideri* (C.L. Koch, 1843)

Wallis Kew, H. 1906

BAS Survey Team 1978

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2016

Pendleton, T.A. and Pendleton, D.T. 2016

Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 1

Birklands and Bilhaugh Ref: 92

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands West / Clipstone Old Qtr Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh Ref: 36

Chernes Menge, 1855

*Chernes cimicoides* (Fabricius, 1793)

Wallis Kew, H. 1906

1963

1965

1969

1973

BAS Survey Team 1977

BAS Survey Team 1978

Denton, M.L. et al 2002

Denton, M.L. et al 2002

Denton, M.L. et al 2002

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2016

Pendleton, T.A. and Pendleton, D.T. 2016

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh Ref: 1

Birklands and Bilhaugh Ref: 131

Birklands and Bilhaugh Ref: 131

Birklands and Bilhaugh Ref: 131

Birklands and Bilhaugh Ref: 131

Birklands and Bilhaugh Ref: 131

Birklands and Bilhaugh Ref: 131

Birklands and Bilhaugh Ref: 92

Birklands and Bilhaugh / Buck Gates Ref: 87

Birklands West / Clipstone Old Qtr Ref: 87

Birklands and Bilhaugh Ref: 87

Birklands and Bilhaugh Ref: 36

Birklands West / Clipstone Old Qtr Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands West / Clipstone Old Qtr Ref: 36

Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018  
 Pendleton, T.A. and Pendleton, D.T. 2018  
 Pendleton, T.A. 2020  
 Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 149  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36

**Dendrochernes** L. Koch, 1873

*Dendrochernes cyrneus* (L. Koch, 1873)

1905  
 Wallis Kew, H. 1906  
 Jackson, A.R. 1912  
 Bee, L. 1976  
 BAS Survey Team 1978  
 Jones, P.E. 1978  
 Jones, P.E. 1979  
 Foster, A.P. 1987

Birklands and Bilhaugh Ref: 131  
 Birklands and Bilhaugh Ref: 1  
 Birklands and Bilhaugh Ref: 1  
 Birklands and Bilhaugh Ref: 76  
 Birklands and Bilhaugh Ref: 92  
 Birklands and Bilhaugh Ref: 76  
 Birklands and Bilhaugh Ref: 76  
 Birklands and Bilhaugh Ref: 76

**Neobisiidae** Chamberlin, 1931

*Neobisium* Chamberlin, 1931

*Neobisium (Neobisium) carcinoides* (Herman, 1804)

1912  
 1979

Birklands and Bilhaugh Ref: 1  
 Birklands and Bilhaugh Ref: 131

**Species List: Opiliones - False Scorpions**

ORDER OPILIONES

**Nemastomatidae**

*Nemastoma* C.L. Koch in Hahn & C.L. Koch, 1836

*Nemastoma bimaculatum* (Fabricius, 1775)

BAS Survey Team 1977  
 BAS Survey Team 1978  
 Denton, M.L. et al 2002  
 Denton, M.L. et al 2002  
 Denton, M.L. et al 2002  
 Williams, H. 2003  
 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. 2010  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2013  
 Pendleton, T.A. and Pendleton, D.T. 2013  
 Pendleton, T.A. and Pendleton, D.T. 2013  
 Pendleton, T.A. and Pendleton, D.T. 2013  
 Pendleton, T.A. and Pendleton, D.T. 2014  
 Pendleton, T.A. and Pendleton, D.T. 2015  
 Pendleton, T.A. and Pendleton, D.T. 2015  
 Skinner, M. 2015  
 Pendleton, T.A. and Pendleton, D.T. 2016  
 Pendleton, T.A. and Pendleton, D.T. 2017  
 Pendleton, T.A. and Pendleton, D.T. 2017  
 Pendleton, T.A. and Pendleton, D.T. 2018  
 Pendleton, T.A. 2020  
 Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 1  
 Birklands and Bilhaugh Ref: 92  
 Birklands and Bilhaugh Ref: 92  
 Birklands and Bilhaugh / Buck Gates Ref: 87  
 Birklands West and Ollerton Corner Ref: 87  
 Birklands and Bilhaugh Ref: 87  
 Birklands and Bilhaugh Ref: 106  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh Ref: 111  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Sherwood Heath Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh Ref: 141  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 36

*Mitostoma* Roewer, 1951

*Mitostoma chrysomelas* (Hermann, 1804)

BAS Survey Team 1978  
 Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh Ref: 92  
 Birklands West / Sherwood Heath Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36

## Phalangiidae

### Oligophilus C.L. Koch, 1872

#### *Oligophilus hansei* (Kraepelin, 1896)

Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

#### *Oligolophus tridens* (C.L. Koch, 1836)

Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

### Paroligolophus Lohmander, 1945

#### *Paroligolophus agrestis* (Meade, 1855)

Bee, L. 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West / Clipstone Old Qtr	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

#### *Paroligolophus meadii* (O.P.-Cambridge, 1890)

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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## Lacinius Thorell, 1876

### *Lacinius ephippiatus* (C.L. Koch, 1835)

BAS Survey Team 1977	Birklands and Bilhaugh / Budby SF	Ref: 92
BAS Survey Team 1977	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87

## Odiellus Roewer, 1923

### *Odiellus spinosus* (Bosc, 1792)

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
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## Mitopus Thorell, 1876

### *Mitopus morio* (Fabricius, 1779)

BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West / Clipstone Old Qtr	Ref: 87
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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Skinner, M. 2015	Birklands and Bilhaugh	Ref: 141
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

## Phalangium Linnaeus, 1758

### *Phalangium opilio* (Linnaeus, 1758)

Denton, M.L. et al 2002	Birklands West and Ollerton Corner	Ref: 87
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

## Opilio Herbst, 1798

### *Opilio canestrinii* (Thorell, 1876)

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
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## *Opilio parietinus* (De Geer, 1778)

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 1
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

## Megabunus Meade, 1855

### *Megabunus diadema* (Fabricius, 1779)

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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## Platybunus C.L. Koch, 1848

### *Platybunus triangularis* (Herbst, 1799)

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West and Ollerton Corner	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36



Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Lophopilio Hadži, 1931

### *Lophopilio palpinalis* (Herbst, 1799)

Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36

## Leiobunidae

### Dicranopalpus Doleschall, 1852

#### *Dicranopalpus ramosus* (Simon, 1909)

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
Williams, H. 2003	Birklands and Bilhaugh	Ref: 106
Boroff, A. and Joynt, G. 2009	Birklands and Bilhaugh	Ref: 70
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
Alexander, K.N.A. 2009	Birklands West / White Lodge	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36

## Leiobunum C.L. Koch, 1839

### *Leiobunum rotundum* (Latreille, 1798)

BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

*Leiobunum blackwalli* (Meade, 1861)

Bee, L. 1977	Birklands and Bilhaugh	Ref: 92
BAS Survey Team 1978	Birklands and Bilhaugh	Ref: 92
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 87
Denton, M.L. et al 2002	Birklands West and Ollerton Corner	Ref: 87
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 87
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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Species List: Coleoptera - Beetles

ORDER COLEOPTERA Latreille, 1825

### Gyrinidae Latreille, 1810

Gyrinus Geoffroy, 1762

*Gyrinus substriatus* Stephens, 1828

Merritt, R. 1999

Birklands and Bilhaugh / Budby SF

Ref: 130

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 130

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

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2015

Birklands and Bilhaugh / Budby SF

Ref: 36

### Haliplidae Aube 1836

Haliplus Latreille, 1802

*Haliplus lineatocollis* (Marsham, 1802)

Merritt, R. 2000

Birklands West / Clipstone Old Qtr

Ref: 130

*Haliplus ruficollis* (De Geer, 1774)

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 130

Merritt, R. 2000

Birklands West / Clipstone Old Qtr

Ref: 130

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

Birklands and Bilhaugh / Budby SF

Ref: 36

### Noteridae Thomson, C.G., 1860

Noterus Clairville, 1806

*Noterus clavicornis* (De Geer, 1774)

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 130

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

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh / Budby SF

Ref: 36

### Hygrobiidae Erichson, 1837

Hygrobia Latreille, 1804

*Hygrobia hermannii* **Screech Beetle** (Fabricius, 1775)

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 130

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

Birklands and Bilhaugh / Budby SF

Ref: 36

### Dytiscidae Leach, 1815

Agabus Leach, 1817

*Agabus bipustulatus* (Linnaeus, 1767)

Merritt, R. 1998

Birklands West / Clipstone Old Qtr

Ref: 130

Merritt, R. 1999

Birklands and Bilhaugh / Budby SF

Ref: 130

Merritt, R. 2000

Birklands West / Clipstone Old Qtr

Ref: 130

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 130

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

*Agabus nebulosus* (Forster, 1771)

Merritt, R. 1998

Birklands West / Clipstone Old Qtr

Ref: 130

Merritt, R. 1999

Birklands and Bilhaugh / Budby SF

Ref: 130

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 130

Pendleton, T.A. 2020

Birklands and Bilhaugh / Budby SF

Ref: 36

*Agabus sturmii* (Gyllenhal, 1808)

Merritt, R. 1998

Birklands West / Clipstone Old Qtr

Ref: 130

Merritt, R. 1999

Birklands and Bilhaugh / Budby SF

Ref: 130

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 130

Merritt, R. 2000

Birklands West / Clipstone Old Qtr

Ref: 130

Pendleton, T.A. 2020

Birklands and Bilhaugh / Budby SF

Ref: 36

Ilybius Erichson, 1832

*Ilybius ater* (De Geer, 1774)

Merritt, R. 1999

Birklands and Bilhaugh / Budby SF

Ref: 130

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Ilybius fuliginosus</i> (Fabricius, 1792)		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Ilybius montanus</i> (Stephens, 1828)		
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Ilybius quadriguttatus</i> (Lacordaire, 1835)		
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Colymbetes Clairville, 1806		
<i>Colymbetes fuscus</i> (Linnaeus, 1758)		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Rhantus Dejean, 1833		
<i>Rhantus suturalis</i> (MacLeay, 1825)		
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Liopterus Dejean, 1833		
<i>Liopterus haemorrhoidalis</i> (Fabricius, 1787)		
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Acilius Leach, 1817		
<i>Acilius sulcatus</i> (Linnaeus, 1758)		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Dytiscus Linnaeus, 1758		
<i>Disticus marginalis</i> <b>Great Diving Beetle</b> Linnaeus, 1758		
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Hydroporus Clairville, 1806		
<i>Hydroporus angustatus</i> Sturm, 1835		
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Hydroporus erythrocephalus</i> (Linnaeus, 1758)		
Merritt, R. 1998	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 2000	Birklands West / Clipstone Old Qtr	Ref: 130
<i>Hydroporus gyllenhalii</i> Schiödte, 1841		
Merritt, R. 1998	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Hydroporus incognitus</i> Sharp, 1869		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Hydroporus melanarius</i> Sturm, 1835		
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130

<i>Hydroporus memnonius</i> Nicolai, 1822		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Hydroporus neglectus</i> Schaum, 1845		
Merritt, R. 1998	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Hydroporus palustris</i> (Linnaeus, 1761)		
Merritt, R. 1998	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Hydroporus planus</i> (Fabricius, 1782)		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Hydroporus pubescens</i> (Gyllenhal, 1808)		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Hydroporus tessellatus</i> (Drapiez, 1819)		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Hydroporus tristis</i> (Paykull, 1798)		
Merritt, R. 1998	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 2000	Birklands West / Clipstone Old Qtr	Ref: 130
Suphrodytes des Gozis, 1914		
<i>Suphrodytes dorsalis</i> (Fabricius, 1787)		
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Hygrotus Stephens, 1828		
<i>Hygrotus impressopunctatus</i> (Schaller, 1783)		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Hygrotus inaequalis</i> (Fabricius, 1777)		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Hygrotus nigrilineatus</i> (Steven, 1808)		
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Hyphydrus Illiger, 1802		
<i>Hyphydrus ovatus</i> (Linnaeus, 1761)		
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Laccophilus Leach, 1815		
<i>Laccophilus minutus</i> (Linnaeus, 1758)		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130

**Carabidae** Latreille, 1802**Cicindela** Linnaeus, 1758***Cicindela campestris*** **Green Tiger Beetle** Linnaeus, 1758

1935

Lazenby, A. 1991

Whiteley, D. 2001

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

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

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

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2012

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2014

Pendleton, T.A. and Pendleton, D.T. 2014

Pendleton, T.A. and Pendleton, D.T. 2015

Shaw, D. 2016

Pendleton, T.A. and Pendleton, D.T. 2017

Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018

Pendleton, T.A. and Pendleton, D.T. 2018

Case, C. 2018

Huskisson, D. 2018

Pendleton, T.A. and Pendleton, D.T. 2019

Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 10

Birklands West / Sherwood Heath Ref: 79

Birklands West / Sherwood Heath Ref: 79

Birklands West / Clipstone Old Qtr Ref: 36

Birklands West / Clipstone Old Qtr Ref: 36

Birklands and Bilhaugh Ref: 34

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands West / Sherwood Heath Ref: 36

Birklands West / Clipstone Old Qtr Ref: 36

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands West / Clipstone Old Qtr Ref: 36

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands West / Sherwood Heath Ref: 36

Birklands West / Clipstone Old Qtr Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands West / Sherwood Heath Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands West / Clipstone Old Qtr Ref: 36

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands West and Ollerton Corner Ref: 153

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh Ref: 149

Birklands West / Clipstone Old Qtr Ref: 36

Birklands and Bilhaugh Ref: 154

Birklands and Bilhaugh / Budby SF Ref: 151

Birklands West / Clipstone Old Qtr Ref: 36

Birklands and Bilhaugh Ref: 36

**Carabus** Linnaeus, 1758***Carabus arvensis*** Herbst, 1784

Hunter, F.A. 1987

Birklands and Bilhaugh Ref: 4

***Carabus nemoralis*** Müller, O.F., 1764

Kidson Taylor, J. 1904

Denton, M.L. et al 2002

Lavers, C. 2008

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

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

Dutton, A. &amp; Dutton, C. 2010

Heeney, W. 2014

Birklands and Bilhaugh Ref: 1

Birklands and Bilhaugh / Buck Gates Ref: 35

Birklands and Bilhaugh / Buck Gates Ref: 91

Birklands and Bilhaugh Ref: 34

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands and Bilhaugh / Budby SF Ref: 74

Birklands and Bilhaugh Ref: 144

***Carabus problematicus*** Herbst, 1786

Freestone and Kidson Taylor, J.

Drane, A.B. 2000

Dutton, A. &amp; Dutton, C. 2007

Lavers, C. 2008

Alexander, K.N.A. 2009/2010

Pendleton, T.A. and Pendleton, D.T. 2010

Joynt, G. 2010

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2014

Pendleton, T.A. and Pendleton, D.T. 2015

Pendleton, T.A. and Pendleton, D.T. 2015

Heeney, W. 2017

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh Ref: 1

Birklands and Bilhaugh Ref: 75

Birklands and Bilhaugh Ref: 74

Birklands and Bilhaugh / Buck Gates Ref: 91

Birklands and Bilhaugh Ref: 117

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands and Bilhaugh Ref: 73

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands West / Clipstone Old Qtr Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh Ref: 144

Birklands and Bilhaugh Ref: 36

Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149

***Carabus violaceus* Violet Ground Beetle Linnaeus, 1758**

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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: 34
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
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
Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Joynt, G. 2011	Birklands and Bilhaugh	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36

***Cychrus Fabricius, 1794***

***Cychrus caraboides* Fabricius, 1794**

Kidson Taylor, J. 1912	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh / Proteus Sq	Ref: 35
Dutton, A. & Dutton, C. 2007	Birklands and Bilhaugh	Ref: 74
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Heeney, W. 2014	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Heeney, W. 2017	Birklands and Bilhaugh	Ref: 144
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149

***Leistus Frölich, 1799***

***Leistus ferrugineus* (Linnaeus, 1758)**

Bedwell, E.C. Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
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 West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Leistus fulvibarbis</i> Dejean, 1826		
Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
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. 2013	Birklands West / Sherwood Heath	Ref: 36
<i>Leistus rufomarginatus</i> (Duftschmid, 1812)		
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
<i>Leistus spinibarbis</i> (Fabricius, 1775)		
Bedwell, E.C. Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Kirby, P. 1987	Birklands and Bilhaugh	Ref: 76
Binding, A.E. 1995	Birklands and Bilhaugh	Ref: 77
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
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: 34
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Leistus terminatus</i> (Hellwig in Panzer, 1793)		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
<i>Nebria Latreille, 1802</i>		
<i>Nebria brevicollis</i> (Fabricius, 1792)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
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. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Heeney, W. 2017	Birklands and Bilhaugh	Ref: 144
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36



*Nebria salina* Fairmaire & Laboulbène, 1854

Denton, M.L. et al 2002  
Lavers, C. 2008

Birklands and Bilhaugh Ref: 35  
Birklands and Bilhaugh / Buck Gates Ref: 91

*Notiophilus* Duméril, 1806

*Notiophilus aquaticus* (Linnaeus, 1758)

Jones, H.P. 1924  
Marsh, B. 2003  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2014

Birklands and Bilhaugh  
Birklands West / Sherwood Heath Ref: 105  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36

*Notiophilus biguttatus* (Fabricius, 1779)

Binding, J. and Harris, A. 1995  
Binding, A.E. 1999  
Denton, M.L. et al 2002  
Godfrey, A. 2003  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2008  
Lavers, C. 2008  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009  
Binding, A.E. and Binding, A. 2009  
Joynt, G. 2010  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2014  
Pendleton, T.A. and Pendleton, D.T. 2017  
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. and Pendleton, D.T. 2018  
Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 77  
Birklands and Bilhaugh Ref: 77  
Birklands and Bilhaugh Ref: 35  
Birklands West / Sherwood Heath Ref: 104  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 34  
Birklands and Bilhaugh / Buck Gates Ref: 91  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 111  
Birklands and Bilhaugh Ref: 73  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands West / Sherwood Heath Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Sherwood Heath Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36

*Notiophilus palustris* (Duftschmid, 1812)

Kidson Taylor, J.  
Denton, M.L. et al 2002  
Lavers, C. 2008  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2015  
Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh / Buck Gates Ref: 35  
Birklands and Bilhaugh / Buck Gates Ref: 91  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36

*Notiophilus rufipes* Curtis, 1829

Jones, H.P. 1924  
Hunter, F.A. 1978  
Binding, A.E. 1999  
Lavers, C. 2008

Birklands and Bilhaugh Ref: 10  
Birklands and Bilhaugh Ref: 76  
Birklands and Bilhaugh Ref: 77  
Birklands and Bilhaugh / Buck Gates Ref: 91

*Notiophilus substriatus* Waterhouse, G.R., 1833

Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2016

Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Sherwood Heath Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36

## Loricera Latreille, 1802

### *Loricera pilicornis* (Fabricius, 1775)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Brosicus Panzer, 1813

### *Brosicus cephalotes* (Linnaeus, 1758)

Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
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## Miscodera Eschacholtz, 1830

### *Miscodera arctica* (Paykull, 1798)

1964	Birklands and Bilhaugh	Ref: 30
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76

## Trechus Clairville, 1806

### *Trechus quadristriatus* (Schrank, 1781)

Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

## *Trechus obtusus* Erichson, 1837

Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
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. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119

## Asaphidion des Gozis, 1886

### *Asaphidion curtum* (Heyden, 1870)

Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
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## Ocys Stephens, 1828

### *Ocys harpaloides* (Audinet-Serville, 1821)

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
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## Bembidion Latreille, 1802

### *Bembidion aeneum* Germar, 1824

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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### *Bembidion articulatum* (Panzer, 1795)

Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
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### *Bembidion biguttatum* (Fabricius, 1779)

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
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### *Bembidion femoratum* Sturm, 1825

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
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### *Bembidion guttula* (Fabricius, 1792)

Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
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### *Bembidion lampros* (Herbst, 1784)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77

Denton, M.L. et al. 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b><i>Bembidion obtusum</i> Audinet-Serville, 1821</b>		
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<b><i>Bembidion quadrimaculatum</i> (Linnaeus, 1761)</b>		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
<b><i>Bembidion tetracolum</i> Say, 1825</b>		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<b>Stomis Clairville, 1806</b>		
<b><i>Stomis pumicatus</i> (Panzer, 1795)</b>		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al. 2002	Birklands and Bilhaugh	Ref: 35
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
<b>Poecilus Bonelli, 1810</b>		
<b><i>Poecilus cupreus</i> (Linnaeus, 1758)</b>		
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
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. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
<b><i>Poecilus kugelanni</i> (Panzer, 1797)</b>		
1882	Birklands and Bilhaugh	Ref: 3
<b><i>Poecilus versicolor</i> (Sturm, 1824)</b>		
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
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. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
<b>Pterostichus Bonelli, 1810</b>		
<b><i>Pterostichus diligens</i> (Sturm, 1824)</b>		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1

*Pterostichus madidus* (Fabricius, 1775)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Heeney, W. 2017	Birklands and Bilhaugh	Ref: 144
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

*Pterostichus melanarius* (Illiger, 1798)

Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36

*Pterostichus niger* (Schaller, 1783)

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Pterostichus nigrita* (Paykull, 1790)

Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119

*Pterostichus oblongopunctatus* (Fabricius, 1787)

Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Johnson, C. 1984	Birklands and Bilhaugh	Ref: 38
Wright, S. and Lott, D. 1986	Birklands and Bilhaugh	Ref: 76
Fowles, A.P. 1988	Birklands and Bilhaugh	Ref: 76
Binding, J. and Harris, A. 1995	Birklands and Bilhaugh	Ref: 77
Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drevitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Pterostichus quadriveolatus* Letzner, 1852

1964	Birklands and Bilhaugh	Ref: 30
Johnson, C. 1984	Birklands and Bilhaugh	Ref: 38

*Pterostichus strenuus* (Panzer, 1796)

Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36

*Pterostichus vernalis* (Panzer, 1795)

Pendleton, T.A. and Pendleton, D.T. 2009		
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Abax Bonelli, 1810

*Abax parallelepipedus* (Piller & Mitterpacher, 1783)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36

Synuchus Gyllenhal, 1810

*Synuchus vivalis* (Illiger, 1798)

Ryles, W.E.	Birklands and Bilhaugh	Ref: 1
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Calathus Bonelli, 1810

*Calathus erratus* (Sahlberg, C.R., 1827)

Ryles, W.E. 1922	Birklands and Bilhaugh	Ref: 10
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*Calathus fuscipes* (Goeze, 1777)

Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91

*Calathus melanocephalus* (Linnaeus, 1758)

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36

<i>Calathus rotundicollis</i> Dejean, 1828			
Ryles, W.E.		Birklands and Bilhaugh	Ref: 1
Binding, A.E. 1999		Birklands and Bilhaugh	Ref: 77
Denton, M.L. et al 2002		Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008		Birklands and Bilhaugh	Ref: 34
Lavers, C. 2008		Birklands and Bilhaugh / Buck Gates	Ref: 91
 <i>Laemostenus</i> Bonelli, 1810			
<i>Laemostenus terricola</i> (Herbst, 1784)			
Lavers, C. 2008		Birklands and Bilhaugh / Buck Gates	Ref: 91
 <i>Olisthopus</i> Dejean, 1828			
<i>Olisthopus rotundatus</i> (Paykull, 1790)			
Tomlin, J.R. le B.		Birklands and Bilhaugh	Ref: 1
 <i>Anchomenus</i> Bonelli, 1810			
<i>Anchomenus dorsalis</i> (Pontoppidan, 1763)			
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
Lavers, C. 2008		Birklands and Bilhaugh / Buck Gates	Ref: 91
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. 2010		Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016		Birklands West / Clipstone Old Qtr	Ref: 36
 <i>Agonum</i> Bonelli, 1810			
<i>Agonum fuliginosum</i> (Panzer, 1809)			
Merritt, R. 1999		Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2013		Birklands and Bilhaugh / Budby SF	Ref: 36
 <i>Agonum gracile</i> Sturm, 1824			
Merritt, R. 2000		Birklands and Bilhaugh / Budby SF	Ref: 130
 <i>Agonum muelleri</i> (Herbst, 1784)			
Pendleton, T.A. and Pendleton, D.T. 2009		Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010		Birklands and Bilhaugh / Budby SF	Ref: 119
 <i>Agonum thoreyi</i> Dejean, 1828			
Merritt, R. 1999		Birklands and Bilhaugh / Budby SF	Ref: 130
 <i>Amara</i> Bonelli, 1810			
<i>Amara aenea</i> (De Geer, 1774)			
Kidson Taylor, J.		Birklands and Bilhaugh	Ref: 1
Binding, A.E. 1999		Birklands and Bilhaugh	Ref: 77
Denton, M.L. et al 2002		Birklands and Bilhaugh	Ref: 35
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 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. 2010		Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011		Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011		Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011		Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011		Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013		Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013		Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014		Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016		Birklands and Bilhaugh	Ref: 36
 <i>Amara apricaria</i> (Paykull, 1790)			
Golding, J.		Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002		Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2011		Birklands West / Clipstone Old Qtr	Ref: 36

<i>Amara communis</i> (Panzer, 1797)		
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
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
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
<i>Amara convexior</i> Stephens, 1828		
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Amara equestris</i> (Duftschmid, 1812)		
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
<i>Amara eurynota</i> (Panzer, 1796)		
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<i>Amara familiaris</i> (Duftschmid, 1812)		
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Amara fulva</i> (Müller, O.F., 1776)		
	Birklands and Bilhaugh	Ref: 10
<i>Amara lunicollis</i> Schiødte, 1837		
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
<i>Amara ovata</i> (Fabricius, 1792)		
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
<i>Amara plebeja</i> (Gyllenhal, 1810)		
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. 2011	Birklands and Bilhaugh	Ref: 36
<i>Amara similata</i> (Gyllenhal, 1810)		
Lavers, C. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 91
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
<i>Amara tibialis</i> (Paykull, 1798)		
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<b>Harpalus</b> Latreille, 1802		
<i>Harpalus affinis</i> (Schrank, 1781)		
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
<i>Harpalus rubripes</i> (Duftschmid, 1812)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<i>Harpalus rufipalpis</i> Sturm, 1818		
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Harpalus rufipes</i> (De Geer, 1774)		
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Harpalus tardus</i> (Panzer, 1796)		
Ryles, W.E.	Birklands and Bilhaugh	Ref: 1
<i>Anisodactylus</i> Dejean, 1829		
<i>Anisodactylus binotatus</i> (Fabricius, 1787)		
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 / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Bradycellus</i> Erichson, 1837		
<i>Bradycellus caucasicus</i> (Chaudoir, 1846)		
	Birklands and Bilhaugh	Ref: 1
<i>Bradycellus harpalinus</i> (Audinet-Serville, 1821)		
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Bradycellus ruficollis</i> (Stephens, 1828)		
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Bradycellus verbasci</i> (Duftschmid, 1812)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Whiteley, D. 2000	Birklands and Bilhaugh / Budby SF	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 105
<i>Stenolophus</i> Dejean, 1821		
<i>Stenolophus mixtus</i> (Herbst, 1784)		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Dutton, A. and Dutton, C. 2010	Birklands and Bilhaugh / Budby SF	Ref: 74
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Acupalpus</i> Latreille, 1829		
<i>Acupalpus dubius</i> Schilsky, 1888		
Merritt, R. 1998	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Acupalpus parvulus</i> (Sturm, 1825)		
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Anthracus</i> Motschulsky, 1850		
<i>Anthracus consputus</i> (Duftschmid, 1812)		
<i>Licinus</i> Latreille, 1802		
<i>Licinus depressus</i> (Paykull, 1790)		
Ryles, W.E.	Birklands and Bilhaugh	Ref: 1
<i>Badister</i> Clairville, 1806		
<i>Badister bullatus</i> (Schränk, 1798)		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Demetrias</i> Bonelli, 1810		
<i>Demetrias atricapillus</i> (Linnaeus, 1758)		
Ryles, W.E. 1922	Birklands and Bilhaugh	Ref: 10
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104



Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

### Paradromius Fowler, 1887

#### *Paradromius linearis* (Olivier, 1795)

Tomlin, J.R. le B. 1906	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2003	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 104
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
	Birklands and Bilhaugh	Ref: 36

### Dromius Bonelli, 1810

#### *Dromius agilis* (Fabricius, 1787)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35

### *Dromius angustus* Brullé, 1834

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36

### *Dromius meridionalis* Dejean, 1825

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

### *Dromius quadrimaculatus* (Linnaeus, 1758)

Tomlin, J.R. le B. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36

## Calodromius Reitter, 1905

### *Calodromius spilotus* (Illiger, 1798)

Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36

## Philorhizus Hope, 1838

### *Philorhizus melanocephalus* (Dejean, 1825)

1913	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36

### *Philorhizus quadrisignatus* (Dejean, 1825)

1978	Birklands and Bilhaugh	Ref: 2
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## Syntomus Hope, 1838

### *Syntomus foveatus*

Ryles, W.E. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36

## Helophoridae Leach, 1815

### Helophorus Fabricius, 1775

#### *Helophorus aequalis* Thomson, C.G., 1868

Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130

#### *Helophorus brevipalpis* Bedel, 1881

Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130

#### *Helophorus flavipes* Fabricius, 1792

Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130

#### *Helophorus grandis* Illiger, 1798

Merritt, R. 2000	Birklands West / Clipstone Old Qtr	Ref: 130
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#### *Helophorus nubilus* Fabricius, 1777

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
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#### *Helophorus obscurus* Mulsant, 1844

Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130

#### *Helophorus rufipes* (Bosc d'Antic, 1791)

Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
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## Hydrophilidae Latreille, 1802

### Anacaena Thomson, C. G. 1859

#### *Anacaena globulus* (Paykull, 1798)

Merritt, R. 1998	Birklands West / Clipstone Old Qtr	Ref: 130
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Merritt, R. 2000	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Anacaena limbata</i> (Fabricius, 1792)		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Anacaena lutescens</i> (Stephens, 1829)		
Merritt, R. 1998	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Enochrus Thomson, C. G 1859		
<i>Enochrus testaceus</i> (Fabricius, 1801)		
Johnson, C. 1970	Birklands and Bilhaugh	Ref: 38
Merritt, R. 1998	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Helochaes Mulsant, 1844		
<i>Helochaes lividus</i> (Forster, 1771)		
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Helochaes punctatus</i> Sharp, 1869		
Merritt, R. 1998	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands West / Clipstone Old Qtr	Ref: 130
Hydrobius Leach, 1815		
<i>Hydrobius fuscipes</i> (Linnaeus, 1758)		
Merritt, R. 1998	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
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. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Cercyon Leach, 1817		
<i>Cercyon analis</i> (Paykull, 1798)		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
<i>Cercyon convexiusculus</i> Stephens, 1829		
Merritt, R. 2000	Birklands West / Clipstone Old Qtr	Ref: 130
<i>Cercyon haemorrhoidalis</i> (Fabricius, 1775)		
Kidson Taylor, J. Tomlin, J.R. le B. and Donisthorpe, H.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
<i>Cercyon impressus</i> (Sturm, 1807)		
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
<i>Cercyon melanocephalus</i> (Linnaeus, 1758)		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
<b><i>Cercyon obsoletus</i> (Gyllenhal, 1808)</b>		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
<b><i>Cercyon quisquilius</i> (Linnaeus, 1761)</b>		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
<b>Megasternum Mulsant, 1844</b>		
<b><i>Megasternum concinnum</i> (Marsham, 1802)</b>		
Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<b>Cryptopleurum Mulsant, 1844</b>		
<b><i>Cryptopleurum minutum</i> (Fabricius, 1775)</b>		
Bedwell, E.C. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
<b>Sphaeridium Fabricius, 1775</b>		
<b><i>Sphaeridium bipustulatum</i> Fabricius, 1781</b>		
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
<b><i>Sphaeridium lunatum</i> (Fabricius, 1792)</b>		
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b><i>Sphaeridium scarabaeoides</i> (Linnaeus, 1758)</b>		
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Histeridae Gyllenhal, 1808</b>		
<b><i>Abraeus</i> Leach, 1817</b>		
<b><i>Abraeus purpusillus</i> (Marsham, 1802)</b>		
Blatch, W.G. 1885	Birklands and Bilhaugh	Ref: 1
Skidmore, P. 1962	Birklands and Bilhaugh	Ref: 38
<b><i>Abraeus granulum</i> Erichson, 1839</b>		
Blatch, W.G. 1889	Birklands and Bilhaugh	Ref: 1
<b>Plegaderus Erichson, 1834</b>		
<b><i>Plegaderus dissectus</i></b>		
Kidson Taylor, J. 1870	Birklands and Bilhaugh	Ref: 1
1960	Birklands and Bilhaugh	Ref: 21
Skidmore, P. 1960	Birklands West and Ollerton Corner	Ref: 38
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Johnson, C. 1983	Birklands and Bilhaugh	Ref: 38
Wright, S. 1986	Birklands and Bilhaugh	Ref: 76
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

<b>Acritus</b> LeConte, 1853		
<i>Acritus nigricornis</i> (Hoffmann, J., 1803)		
Beare, T.H. 1907	Birklands and Bilhaugh	Ref: 10
<b>Saprinus</b> Erichson, 1834		
<i>Saprinus semistriatus</i> (Scriba, 1790)		
Bedwell, E.C. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Dutton, A. and Dutton, C. 2006	Birklands and Bilhaugh	Ref: 74
<b>Hypocaccus</b> Thomson, C. G. 1867		
<i>Hypocaccus rugifrons</i> (Paykull, 1798)		
Fowler, Canon. 1899	Birklands and Bilhaugh	Ref: 1
<b>Gnathoncus</b> Jacquelin du Val, 1857		
<i>Gnathoncus nannetensis</i> (Marseul, 1862)		
Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
Bedwell, E.C. 1905	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
<i>Gnathoncus rotundatus</i> (Kugelann, 1792)		
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Dutton, A. and Dutton, C. 2004	Birklands and Bilhaugh	Ref: 74
<b>Dendrophilus</b> Leach, 1817		
<i>Dendrophilus punctatus</i> (Herbst, 1792)		
Lott, D.A. 2006	Birklands and Bilhaugh	Ref: 124
<b>Carcinops</b> Marseul, 1855		
<i>Carcinops pumilio</i> (Erichson, 1834)		
Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1
<b>Paromalus</b> Erichson, 1834		
<i>Paromalus flavicornis</i> (Herbst, 1792)		
Skidmore, P. 1962	Birklands and Bilhaugh	Ref: 38
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 4
Dutton, A. and Dutton, C. 1998	Birklands and Bilhaugh	Ref: 74
<b>Onthophilus</b> Leach, 1817		
<i>Onthophilus striatus</i> (Forster, 1771)		
Dutton, A. and Dutton, C. 2007	Birklands and Bilhaugh	Ref: 74
<b>Margarinotus</b> Marseul, 1854		
<i>Margarinotus brunneus</i> (Fabricius, 1775)		
Bedwell, E.C. Chaster, G.W. Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Dutton, A. and Dutton, C. 2006	Birklands and Bilhaugh	Ref: 74
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Margarinotus carbonaris</i> (Hoffmann, 1803)		
Chaster, G.W. Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
<i>Margarinotus marginatus</i> (Erichson, 1834)		
Chaster, G.W.	Birklands and Bilhaugh	Ref: 1
Dutton, A. and Dutton, C. 2004	Birklands and Bilhaugh	Ref: 74
<i>Margarinotus merdarius</i> (Hoffmann, J., 1803)		
Blatch, W.G. 1886	Birklands and Bilhaugh	Ref: 1
<i>Margarinotus neglectus</i> (Germar, 1813)		
Dutton, A. and Dutton, C. 2006	Birklands and Bilhaugh	Ref: 74
<i>Margarinotus purpurascens</i> (Herbst, 1792)		
Fowler, Canon. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<i>Margarinotus striola</i> (Sahlberg, C.R., 1819)		
Blatch, W.G. 1886	Birklands and Bilhaugh	Ref: 1

Dutton, A. and Dutton, C. 1998	Birklands and Bilhaugh	Ref: 74
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Margarinotus ventralis</b> (Marseul, 1854)		
Dutton, A. and Dutton, C. 2004	Birklands and Bilhaugh	Ref: 74
<b>Hister</b> Linnaeus, 1758		
<b>Hister unicolor</b> Linnaeus, 1758		
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
<b>Hydraenidae</b> Mulsant, 1844		
<b>Ochthebius</b> Leach, 1815		
<b>Ochthebius minimus</b> (Fabricius, 1792)		
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
<b>Ptiliidae</b> Erichson, 1845		
<b>Ptenidium</b> Erichson, 1845		
<b>Ptenidium gressneri</b> Erichson, 1845		
Blatch, W.G. 1884	Birklands and Bilhaugh	Ref: 1
Blatch, W.G. 1907	Birklands and Bilhaugh	Ref: 1
<b>Ptenidium turgidum</b> Thomson, C.G., 1855		
Blatch, W.G. 1889	Birklands and Bilhaugh	Ref: 1
<b>Euryptilium</b> Matthews, A. 1872		
<b>Euryptilium saxonicum</b> (Gillmeister, 1845)		
Joy and Tomlin, J.R. le B. 1916	Birklands and Bilhaugh	Ref: 1
<b>Ptiliolium</b> Flach, 1888		
<b>Ptiliolium marginatum</b> (Aubé, 1850)		
Blatch, W.G. and Fowler, Canon. 1899	Birklands and Bilhaugh	Ref: 1
<b>Micridium</b> Motschulsky, 1869		
<b>Micridium halidaii</b> (Matthews, A., 1868)		
Matthews, Rev. A. 1867	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1977	Birklands and Bilhaugh	Ref: 5
Johnson, C. 1983	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1984	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1985	Birklands and Bilhaugh	Ref: 38
<b>Ptinella</b> Motschulsky, 1844		
<b>Ptinella aptera</b> (Guérin-Méneville, 1839)		
Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1
Fowler, Canon. Matthews, Rev. A. and Rye 1863	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1970	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
<b>Ptinella denticollis</b> (Fairmaire, 1858)		
Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1
<b>Ptinella errabunda</b> Johnson, 1975		
Johnson, C. 1964	Birklands and Bilhaugh	Ref: 40
Johnson, C. 1970	Birklands and Bilhaugh	Ref: 40
Johnson, C. 1973	Birklands and Bilhaugh	Ref: 40
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
<b>Ptinella limbata</b> (Heer, 1841)		
Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1

**Pteryx Matthews, A., 1858**

*Pteryx suturalis* (Heer, 1841)

Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1964	Birklands and Bilhaugh	Ref: 41
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75

**Acrotrichis Motschulsky, 1848**

*Acrotrichis atomaria* (De Geer, 1774)

Fowler, Canon.	Birklands and Bilhaugh	Ref: 1
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*Acrotrichis brevipennis* (Erichson, 1845)

Matthews, Rev. A. 1868	Birklands and Bilhaugh	Ref: 1
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*Acrotrichis cognata* (Matthews, A., 1877)

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104

*Acrotrichis fascicularis* (Herbst, 1793)

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104

*Acrotrichis grandicollis* (Mannerheim, 1844)

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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*Acrotrichis insularis* (Mäklin, 1852)

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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*Acrotrichis intermedia* (Gillmeister, 1845)

Kidson Taylor, J. 1904	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35

*Acrotrichis montandonii* (Allibert, 1844)

Fowler, Canon.	Birklands and Bilhaugh	Ref: 1
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*Acrotrichis rosskotheni* Sundt, 1971

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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*Acrotrichis sericans* (Heer, 1841)

Matthews, Rev. A. 1867	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104

*Acrotrichis silvatica* Rosskothén, 1935

Johnson, C. 1970	Birklands and Bilhaugh	Ref: 41
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*Acrotrichis thoracica* (Waltl, 1838)

Matthews, Rev. A. and Fowler, Canon.	Birklands and Bilhaugh	Ref: 1
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**Leioididae Fleming, 1821**

*Leiodes* Latreille, 1796

*Leiodes calcarata* (Erichson, 1845)

Bedwell, E.C. Chaster, G.W. Ryles, W.E. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
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*Leiodes cinnamomea* (Panzer, 1793)

Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
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*Leiodes dubia* (Kugelann, 1794)

Blatch, W.G. 1889	Birklands and Bilhaugh	Ref: 1
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*Leiodes obesa* (Schmidt, W.L.E., 1841)

Fowler, Canon.	Birklands and Bilhaugh	Ref: 1
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*Leiodes oblonga* (Erichson, 1845)

Fowler, Canon. 1899	Birklands and Bilhaugh	Ref: 1
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Colenis Erichson, 1845

*Colenis immunda* (Sturm, 1807)

Kidson Taylor, J. 1868

Blatch, W.G. 1889

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 1

Anisotoma Panzer, 1797

*Anistoma humeralis* (Fabricius, 1792)

Bedwell, E.C. Chaster, G.W. Ryles, W.E. Kidson Taylor, J.  
and Tomlin, J.R. le B.

Johnson, C. 1962

Hunter, F.A. 1978

Wright, S. and Lott, D. 1986

Bratton, J.H. 1987

Lott, D.A. 1998

Drane, A.B. 2000

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

Alexander, K.N.A. 2009/2010

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. *et al* 2018

Pendleton, T.A. and Pendleton, D.T. 2018

Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 38

Birklands and Bilhaugh

Ref: 76

Birklands and Bilhaugh

Ref: 75

Birklands and Bilhaugh

Ref: 75

Birklands and Bilhaugh

Ref: 7

Birklands and Bilhaugh

Ref: 75

Birklands and Bilhaugh

Ref: 34

Birklands and Bilhaugh

Ref: 117

Birklands and Bilhaugh

Ref: 131

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh

Ref: 149

*Anistoma orbicularis* (Herbst, 1792)

Blatch, W.G. 1906

Wright, S. and Lott, D. 1986

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 75

Amphicyllis Erichson, 1845

*Amphicyllis globus*

Blatch, W.G. 1906

Wright, S. and Lott, D. 1986

Dutton, A. and Dutton, C. 2007

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 75

Birklands and Bilhaugh

Ref: 74

Agathidium Panzer, 1797

*Agathidium atrum* (Paykull, 1798)

Fowler, Canon. and Kidson Taylor, J.

Drane, A.B. 2000

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh / Proteus Sq

Ref: 80

*Agathidium confusum* Brisout de Barneville, 1863

Alexander, K.N.A. 2009/2010

Birklands West and Ollerton Corner

Ref: 118

*Agathidium convexum* Sharp, 1866

Smith, E.J. 1905

Birklands and Bilhaugh

Ref: 69

*Agathidium laevigatum* Erichson, 1845

Blatch, W.G. and Homer 1886

Marsh, B. 2003

Godfrey, A. 2006

Birklands and Bilhaugh

Ref: 1

Birklands West / Sherwood Heath

Ref: 105

Birklands West / Sherwood Heath

Ref: 108

*Agathidium marginatum* Sturm, 1807

Blatch, W.G. and Homer 1886

Birklands and Bilhaugh

Ref: 1

*Agathidium nigrinum* Sturm, 1807

Johnson, C. 1985

Denton, M.L. *et al* 2002

Birklands and Bilhaugh

Ref: 38

Birklands and Bilhaugh

Ref: 35

*Agathidium nigripenne* (Fabricius, 1792)

Blatch, W.G. and Homer 1886

Hunter, F.A. 1978

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 76

*Agathidium rotundatum* (Gyllenhal, 1827)

Fowler, Canon. and Chaster, G.W.

Birklands and Bilhaugh

Ref: 1

*Agathidium seminulum* (Linnaeus, 1758)

Skidmore, P. 1960

Johnson, C. 1963

Hunter, F.A. 1978

Birklands West and Ollerton Corner

Ref: 38

Birklands and Bilhaugh

Ref: 38

Birklands and Bilhaugh

Ref: 76



Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Agathidium varians</i> Beck, 1817		
Beare, T.H. 1907	Birklands and Bilhaugh	Ref: 10
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Nargus</i> Thompson, C. G., 1867		
<i>Nargus velox</i> (Spence, 1813)		
Blatch, W.G. Horner, Bedwell, E.C. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Nargus wilkinii</i> (Spence, 1813)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<i>Choleva</i> Latreille, 1796		
<i>Choleva angustata</i> (Fabricius, 1781)		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
<i>Choleva glauca</i> Britten, 1918		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
<i>Choleva jeanneli</i> Britten, 1922		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
<i>Sciodrepoides</i> Hatch, 1933		
<i>Sciodrepoides fumatus</i> (Spence, 1813)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
<i>Sciodrepoides watsoni</i> (Spence, 1813)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<i>Catops</i> Paykull, 1798		
<i>Catops chrysomeloides</i> (Panzer, 1798)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
<i>Catops coracinus</i> Kellner, 1846		
Bedwell, E.C. 1903	Birklands and Bilhaugh	Ref: 1
<i>Catops fuliginosus</i> Erichson, 1837		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Catops grandicollis</i> Erichson, 1837		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
<i>Catops kirbii</i> (Spence, 1813)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
<i>Catops morio</i> (Fabricius, 1787)		
Fowler, Canon.	Birklands and Bilhaugh	Ref: 1
<i>Catops nigricans</i> (Spence, 1813)		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<i>Catops nigrita</i> Erichson, 1837		
Kidson Taylor, J. 1906	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35

<b>Catops tristis</b> (Panzer, 1793)		
Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
<b>Ptomaphagus Illiger, 1798</b>		
<b>Ptomaphagus medius</b> Rey, 1889		
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
<b>Ptomaphagus varicornis</b> (Rosenhauer, 1847)		
Fowler, Canon.	Birklands and Bilhaugh	Ref: 1
<b>Leptinus Müller, P.W.J., 1817</b>		
<b>Leptinus testaceus</b> Müller, P.W.J., 1817		
Willoughby, H.	Birklands and Bilhaugh	Ref: 1
<b>Silphidae Latreille, 1807</b>		
<b>Necrodes Leach, 1815</b>		
<b>Necrodes littoralis</b> (Linnaeus, 1758)		
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Thanatophilus Leach, 1815</b>		
<b>Thanatophilus rugosus</b> (Linnaeus, 1758)		
Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Dutton, A. and Dutton, C. 2004	Birklands and Bilhaugh	Ref: 74
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Esh, M. 2016	Birklands and Bilhaugh / Budby SF	Ref: 151
<b>Thanatophilus sinuatus</b> (Fabricius, 1775)		
Ryles, W.E. Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Dutton, A. and Dutton, C. 2004	Birklands and Bilhaugh	Ref: 74
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Esh, M. 2016	Birklands and Bilhaugh / Budby SF	Ref: 151
<b>Oiceoptoma Leach, 1815</b>		
<b>Oiceoptoma thoracicum</b> (Linnaeus, 1758)		
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 36
Dutton, A. and Dutton, C. 2007	Birklands and Bilhaugh	Ref: 74
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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Dendroxena Motschulsky, 1858</b>		
<b>Dendroxena quadrimaculata</b> (Scopoli, 1772)		
Bedwell, E.C. Fowler, Canon. Ryles, W.E.	Birklands and Bilhaugh	Ref: 1
Kidson Taylor, J. Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
<b>Silpha Linnaeus, 1758</b>		
<b>Silpha atrata</b> Linnaeus, 1758		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Binding, J. and Harris, A. 1995	Birklands and Bilhaugh	Ref: 77
Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80

Denton, M.L. et al. 2002	Birklands and Bilhaugh	Ref: 35
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: 34
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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
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
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

### *Silpha tristis* Illiger, 1798

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36

### *Nicrophorus* Fabricius, 1775

#### *Nicrophorus humator* (Gleditsch, 1767)

Golding, J. Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Esh, M. 2016	Birklands and Bilhaugh / Budby SF	Ref: 151

#### *Nicrophorus investigator* Zetterstedt, 1824

Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Ball, W. Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Esh, M. 2016	Birklands and Bilhaugh / Budby SF	Ref: 151

#### *Nicrophorus vespillo* (Linnaeus, 1758)

Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Esh, M. 2016	Birklands and Bilhaugh / Budby SF	Ref: 151

*Nicrophorus vespilloides* Herbst, 1783

Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Esh, M. 2016	Birklands and Bilhaugh / Budby SF	Ref: 151
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36

**Staphylinidae** Latreille, 1802

*Acidota* Stephens, 1829

*Acidota crenata* (Fabricius, 1792)

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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*Anthobium* Leach, 1819

*Anthobium atrocephalum* (Gyllenhal, 1827)

Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

*Anthobium unicolor* (Marsham, 1802)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

*Lesteva* Latreille, 1796

*Lesteva longolytrata* (Goeze, 1777)

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
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*Lesteva sicula* Fauvel, 1871

Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
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*Olophrum* Erichson, 1839

*Olophrum piceum* (Gyllenhal, 1810)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Merritt, R. 2000	Birklands West / Clipstone Old Qtr	Ref: 130
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36

*Philorinum* Kraatz, 1857

*Philorinum sordidum* (Stephens, 1834)

Fowler, Canon.	Birklands and Bilhaugh	Ref: 1
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Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<b>Coryphium Stephens, 1834</b>		
<i>Coryphium angusticolle</i> Stephens, 1834		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1973	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1984	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<b>Eusphalerum Kraatz, 1858</b>		
<i>Eusphalerum luteum</i> (Marsham, 1802)		
Kidson Taylor, J. 1906	Birklands and Bilhaugh	Ref: 1
<i>Eusphalerum torquatum</i> (Marsham, 1802)		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
<b>Acrulia Thomson, C. G. 1858</b>		
<i>Acrulia inflata</i> Thomson, C.G., 1858		
Johnson, C. 1964	Birklands and Bilhaugh	Ref: 38
Clarke, R.O. 1964	Birklands and Bilhaugh	Ref: 79
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<b>Dropephylla Mulsant &amp; Rey, 1880</b>		
<i>Dropephylla ioptera</i> (Stephens, 1832)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Bedwell, E.C. Chaster, G.W. Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<i>Dropephylla vilis</i> (Erichson, 1840)		
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<b>Hapalaraea Thomson, C. G. 1858</b>		
<i>Hapalaraea pygmaea</i> (Paykull, 1800)		
Kidson Taylor, J. 1904	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
<b>Omalium Gravenhorst, 1802</b>		
<i>Omalium allardi</i> Fairmaire & Brisout de Barneville, 1859		
Chaster, G.W.	Birklands and Bilhaugh	Ref: 1
<i>Omalium caesum</i> Gravenhorst, 1806		
Blatch, W.G. Horner and Tomlin, J.R. le B. 1886	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
<i>Omalium excavatum</i> Stephens, 1834		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
<i>Omalium exiguum</i> Gyllenhal, 1810		
Fowler, Canon.	Birklands and Bilhaugh	Ref: 1
<i>Omalium italicum</i> Bernhauer, 1902		
Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
<i>Omalium oxyacanthae</i> Gravenhorst, 1806		
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
<i>Omalium rivulare</i> (Paykull, 1789)		
Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

<i>Omalium rugatum</i> Mulsant & Rey, 1880 Hodge, P.J. 1977	Birklands and Bilhaugh	Ref: 76
<b>Phloeonomus Heer, 1839</b> <i>Phloeonomus punctipennis</i> Thomson, C.G., 1867 Blatch, W.G. and Homer 1886 Johnson, C. 1964 Lott, D.A. 1998 Denton, M.L. et al 2002	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 38 Ref: 7 Ref: 35
<i>Phloeonomus pusillus</i> (Gravenhorst, 1806) Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1
<b>Phyllodrepa Thomson, C. G. 1859</b> <i>Phyllodrepa floralis</i> (Paykull, 1789) Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Phyllodrepa salicis</i> (Gyllenhal, 1810) Blatch, W.G. 1916	Birklands and Bilhaugh	Ref: 1
<b>Xylodromus Heer, 1839</b> <i>Xylodromus concinnus</i> (Marsham, 1802) Blatch, W.G. and Homer 1886 Drane, A.B. 2000	Birklands and Bilhaugh Birklands and Bilhaugh / Proteus Sq	Ref: 1 Ref: 80
<b>Megarthus Stephens, 1829</b> <i>Megarthus bellevoeyi</i> (Saulcy, 1862) Beare, T.H. 1909	Birklands and Bilhaugh	Ref: 10
<i>Megarthus denticollis</i> (Beck, 1817) Fowler, Canon.	Birklands and Bilhaugh	Ref: 1
<i>Megarthus depressus</i> (Paykull, 1789) Kidson Taylor, J. 1906 Denton, M.L. et al 2002	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 35
<b>Metopsia Wollaston, 1854</b> <i>Metopsia clypeata</i> (Müller, P.W.J., 1821) Marsh, B. 2003 Godfrey, A. 2006 Pendleton, T.A. 2020	Birklands West / Sherwood Heath Birklands West / Sherwood Heath Birklands and Bilhaugh	Ref: 105 Ref: 108 Ref: 36
<b>Proteinus Latreille, 1796</b> <i>Proteinus brachypterus</i> (Fabricius, 1792) Kidson Taylor, J. and Tomlin, J.R. le B. Denton, M.L. et al 2002 Pendleton, T.A. 2020	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 35 Ref: 36
<i>Proteinus crenulatus</i> Pandellé, 1867 Beare, T.H. 1924	Birklands and Bilhaugh	Ref: 10
<i>Proteinus ovalis</i> Stephens, 1834 Kidson Taylor, J. and Tomlin, J.R. le B. Denton, M.L. et al 2002 Marsh, B. 2003 Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Sherwood Heath Birklands and Bilhaugh	Ref: 1 Ref: 35 Ref: 105 Ref: 131
<b>Arrhenopeplus Koch, 1937</b> <i>Arrhenopeplus tesserula</i> Curtis, 1828 Fowler, Canon. 1880	Birklands and Bilhaugh	Ref: 1
<b>Micropeplus Latreille, 1809</b> <i>Micropeplus staphylinoides</i> (Marsham, 1802) Godfrey, A. 2003 Marsh, B. 2003	Birklands West / Sherwood Heath Birklands West / Sherwood Heath	Ref: 104 Ref: 105

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<b>Batrisodes Reitter, 1882</b>		
<i>Batrisodes venustus</i> (Reichenbach, 1816)		
Fowler, Canon. 1913	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1924	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 10
Johnson, C. 1969	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1977	Birklands and Bilhaugh	Ref: 38
Hodge, P.J. 1977	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1984	Birklands and Bilhaugh	Ref: 76
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 38
Drane, A.B. 2000	Birklands West and Ollerton Corner	Ref: 7
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 75
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
	Birklands and Bilhaugh	Ref: 36
<b>Euplectus Leach, 1817</b>		
<i>Euplectus infirmus</i> Raffray, 1910		
Johnson, C. 1983	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1984	Birklands and Bilhaugh	Ref: 38
<b><i>Euplectus karstenii</i> (Reichenbach, 1816)</b>		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1977	Birklands and Bilhaugh	Ref: 38
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<b><i>Euplectus nanus</i> (Reichenbach, 1816)</b>		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1977	Birklands and Bilhaugh	Ref: 38
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Johnson, C. 1984	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
<b><i>Euplectus piceus</i> Motschulsky, 1835</b>		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1924	Birklands and Bilhaugh	Ref: 10
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1969	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1970	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1989	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
<b><i>Euplectus punctatus</i> Mulsant, 1861</b>		
Matthews, Rev. A. Fowler, Canon. Blatch, W.G. Horner, Chaster, G.W. & Tomlin, J.R. <i>le B.</i> 1916	Birklands and Bilhaugh	Ref: 1
Blatch, W.G.	Birklands and Bilhaugh	Ref: 1
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 4
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
<b><i>Euplectus sanguineus</i> Denny, 1825</b>		
	Birklands and Bilhaugh	Ref: 1
<b><i>Euplectus signatus</i> (Reichenbach, 1816)</b>		
Blatch, W.G. 1886	Birklands and Bilhaugh	Ref: 1
<b><i>Euplectus tholini</i> Guillebeau, 1888</b>		
Johnson, C. 1973	Birklands and Bilhaugh	Ref: 42
<b>Plectophloeus Reitter, 1891</b>		
<i>Plectophloeus nitidus</i> (Fairmaire, 1857)		
1889	Birklands and Bilhaugh	Ref: 1

Johnson, C. 1977	Birklands and Bilhaugh	Ref: 8
Johnson, C. 1984	Birklands and Bilhaugh	Ref: 43
Johnson, C. 1985	Birklands and Bilhaugh	Ref: 43
<b>Bibloporus Thomson, C. G. 1859</b>		
<i>Bibloporus bicolor</i> (Denny, 1825)		
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1977	Birklands and Bilhaugh	Ref: 38
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<b><i>Bibloporus minutus</i> Raffray, 1914</b>		
Chaster, G.W.	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1977	Birklands and Bilhaugh	Ref: 38
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
<b>Bryaxis Kugelann, 1794</b>		
<i>Bryaxis curtisi</i> (Leach, 1817)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
<b>Tychus Leach, 1817</b>		
<i>Tychus niger</i> (Paykull, 1800)		
Kidson Taylor, J. and Tomlin, J.R. <i>le B.</i>	Birklands and Bilhaugh	Ref: 1
<b>Pselaphus Herbst, 1792</b>		
<i>Pselaphus heisei</i> Herbst, 1792		
Tomlin, J.R. <i>le B.</i>	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<b>Phloeocharis Mannerheim, 1830</b>		
<i>Phloeocharis subtilissima</i> Mannerheim, 1830		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1924	Birklands and Bilhaugh	Ref: 10
Johnson, C. 1964	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<b>Bolitobius Leach, 1819</b>		
<i>Bolitobius castaneus</i> (Stephens, 1832)		
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
<b><i>Bolitobius cingulatus</i> (Mannerheim, 1830)</b>		
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
<b>Coproporus Kraatz, 1857</b>		
<i>Coproporus immigrans</i> (Schülke, 2007)		
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Ischnosoma Stephens, 1829</b>		
<i>Ischnosoma splendidum</i> (Gravenhorst, 1806)		
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36



<b>Lordithon Thomson, C. G. 1858</b>		
<i>Lordithon exoletus</i> (Erichson, 1839)		
Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1907	Birklands and Bilhaugh	Ref: 10
<i>Lordithon lunulatus</i> (Linnaeus, 1761)		
Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
<i>Lordithon thoracicus</i> (Fabricius, 1777)		
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<i>Lordithon trinotatus</i> (Erichson, 1839)		
Kidson Taylor, J. and Tomlin, J.R. le B. 1909	Birklands and Bilhaugh	Ref: 1
1917	Birklands and Bilhaugh	Ref: 10
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
<b>Mycetoporus Mannerheim, 1830</b>		
<i>Mycetoporus angularis</i> Mulsant & Rey, 1853		
1908	Birklands and Bilhaugh	Ref: 1
<i>Mycetoporus lepidus</i> (Gravenhorst, 1806)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Mycetoporus longulus</i> Mannerheim, 1830		
Chaster, G.W.	Birklands and Bilhaugh	Ref: 1
<i>Mycetoporus nigricollis</i> Stephens, 1835		
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
1916	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
<i>Mycetoporus punctus</i> (Gravenhorst, 1806)		
Fowler, Canon.	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
<i>Mycetoporus rufescens</i> (Stephens, 1832)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
<b>Parabolitobius Li, Zhao &amp; Sakai, 2000</b>		
<i>Parabolitobius inclinans</i> (Gravenhorst, 1806)		
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
<b>Cilea Jacquelin du Val, 1856</b>		
<i>Cilea silphoides</i> (Linnaeus, 1767)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
<b>Sepedophilus Gistel, 1856</b>		
<i>Sepedophilus immaculatus</i> (Stephens, 1832)		
Chaster, G.W. Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Sepedophilus littoreus* (Linnaeus, 1758)

Chaster, G.W. Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36

*Sepedophilus marshami* (Stephens, 1832)

Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al / 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Sepedophilus nigripennis* (Stephens, 1832)

Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al / 2018	Birklands and Bilhaugh	Ref: 131

*Sepedophilus testaceus* (Fabricius, 1792)

Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1983	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1985	Birklands and Bilhaugh	Ref: 38

*Tachinus* Gravenhorst, 1802

*Tachinus humeralis* Gravenhorst, 1802

Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119

<i>Tachinus laticollis</i> Gravenhorst, 1802		
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
<i>Tachinus marginellus</i> (Fabricius, 1781)		
Tomlin, J.R. le B. 1909	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<i>Tachinus pallipes</i> (Gravenhorst, 1806)		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<i>Tachinus proximus</i> Kraatz, 1855		
Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
<i>Tachinus rufipes</i> (Linnaeus, 1758)		
Tomlin, J.R. le B. 1909	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Tachinus subterraneus</i> (Linnaeus, 1758)		
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
<i>Tachyporus</i> Gravenhorst, 1802		
<i>Tachyporus atriceps</i> Stephens, 1832		
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Tachyporus chrysomelinus</i> (Linnaeus, 1758)		
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Tachyporus dispar</i> (Paykull, 1789)		
Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Tachyporus hypnorum</i> (Fabricius, 1775)		
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Merritt, R. 2000	Birklands West / Clipstone Old Qtr	Ref: 130
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Heaney, W. 2015	Birklands and Bilhaugh	Ref: 144

Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Tachyporus nitidulus* (Fabricius, 1781)

Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

*Tachyporus obtusus* (Linnaeus, 1767)

Pegler, S.	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
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: 34
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36

*Tachyporus pallidus* Sharp, 1871

Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108

*Tachyporus pusillus* Gravenhorst, 1806

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
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*Tachyporus solutus* Erichson, 1839

Kidson Taylor, J. 1912	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Tachyporus tersus* Erichson, 1839

Kidson Taylor, J. 1912	Birklands and Bilhaugh	Ref: 1
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35

Trichophya Mannerheim, 1830

*Trichophya pilicornis* (Gyllenhal, 1810)

Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1
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Habrocerus Erichson, 1839

*Habrocerus capillaricornis* (Gravenhorst, 1806)

Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

Pendleton, T.A. 2020	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Aleochara Gravenhorst, 1802</b>		
<i>Aleochara curtula</i> (Goeze, 1777)		
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<i>Aleochara kamila</i> Likovský, 1984		
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<i>Aleochara lanuginosa</i> Gravenhorst, 1802		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
<i>Aleochara lata</i> Gravenhorst, 1802		
Kidson Taylor, J. 1906	Birklands and Bilhaugh	Ref: 1
<i>Aleochara moerens</i> Gyllenhal, 1827		
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
<i>Aleochara moesta</i> Gravenhorst, 1802		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
<i>Aleochara sparsa</i> Heer, 1839		
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
<b>Tinotus Sharp, 1883</b>		
<i>Tinotus morion</i> (Gravenhorst, 1802)		
Chaster, G.W. Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
<b>Acrotona Thomson, C. G. 1859</b>		
<i>Acrotona muscorum</i>		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<b>Alaobia Thomson, C. G. 1858</b>		
<i>Alaobia gagatina</i> (Baudi, 1848)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
<i>Alaobia pallidicornis</i> (Thomson, C.G., 1856)		
Blatch, W.G. 1886, 1889 and 1905	Birklands and Bilhaugh	Ref: 1
Blatch, W.G. 1889	Birklands and Bilhaugh	Ref: 1
Blatch, W.G. 1905	Birklands and Bilhaugh	Ref: 1
Smith, E.J.	Birklands and Bilhaugh	Ref: 76
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
<i>Alaobia scapularis</i> (Sahlberg, C.R., 1831)		
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Alaobia sodalis</i> (Erichson, 1837)		
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
<i>Alaobia taxiceroides</i> Munster, 1932		
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<i>Alaobia trinotata</i> (Kraatz, 1856)		
Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75

Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<b>Aloconota Thomson, C. G. 1858</b>		
<i>Aloconota gregaria</i> (Erichson, 1839)		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<b>Amischa Thomson, C. G. 1858</b>		
<i>Amischa analis</i> (Gravenhorst, 1802)		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<b>Anopleta Mulsant &amp; Rey, 1874</b>		
<i>Anopleta corvina</i> (Thomson, C.G., 1856)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<b>Atheta Thomson, C. G. 1858</b>		
<i>Atheta aeneicollis</i> (Sharp, 1869)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<i>Atheta aquatica</i> (Thomson, C.G., 1852)		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Atheta britanniae</i> (Bernhauer & Scheerpeltz, 1926)		
Johnson, C. 1989	Birklands and Bilhaugh	Ref: 38
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<i>Atheta boletophila</i> (Thomson, C.G., 1856)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
<i>Atheta castanoptera</i> (Mannerheim, 1830)		
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Atheta crassicornis</i> (Fabricius, 1792)		
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Atheta divisa</i> (Märkel, 1844)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
<i>Atheta euryptera</i> (Stephens, 1832)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<i>Atheta fungicola</i> (Thomson, C.G., 1852)		
Kidson Taylor, J. 1907	Birklands and Bilhaugh	Ref: 1
<i>Atheta graminicola</i> (Gravenhorst, 1806)		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Atheta harwoodi</i> (Williams, 1930)		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35

<i>Atheta liturata</i> (Stephens, 1832)	Blatch, W.G. 1889	Birklands and Bilhaugh	Ref: 1
<i>Atheta oblita</i> (Erichson, 1839)	Johnson, C. 1985	Birklands and Bilhaugh	Ref: 38
	Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<i>Atheta ravilla</i> (Erichson, 1839)	Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
<i>Atheta triangulum</i> (Kraatz, 1856)	Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
	Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
<i>Atheta vaga</i> (Heer, 1839)	Blatch, W.G. and Horner 1886 and 1905	Birklands and Bilhaugh	Ref: 1
	Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
	Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
	Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
	Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
	Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<i>Atheta xanthopus</i>	Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
	Johnson, C. 1983	Birklands and Bilhaugh	Ref: 38
	Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
	Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
	Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Badura Mulsant & Rey, 1873			
<i>Badura macrocera</i> (Thomson, C.G., 1856)	Blatch, W.G. 1889	Birklands and Bilhaugh	Ref: 1
Bessobia Thomson, C. G. 1858			
<i>Bessobia fungivora</i> (Thomson, C.G., 1867)	Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
	Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Boreophilia Benick, 1973			
<i>Boreophilia eremita</i> (Rye, 1866)	Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Cadaverota Yosii & Sawada, 1976			
<i>Cadaverota cadaverina</i> (Brisout de Barneville, 1860)	Blatch, W.G. 1889	Birklands and Bilhaugh	Ref: 1
	Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Callicerus Gravenhorst, 1802			
<i>Callicerus rigidicornis</i> (Erichson, 1839)	Chaster, G.W. 1907	Birklands and Bilhaugh	Ref: 1
	Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Chaetida Mulsant & Rey, 1874			
<i>Chaetida longicornis</i> (Gravenhorst, 1802)	Bedwell, E.C. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
	Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Dadobia Thomson, C. G. 1858			
<i>Dadobia immersa</i> (Erichson, 1837)	Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
	Smith, E.J.	Birklands and Bilhaugh	Ref: 76
Datomicra Mulsant & Rey, 1874			
<i>Datomicra celata</i> (Erichson, 1837)	Blatch, W.G. 1889	Birklands and Bilhaugh	Ref: 1

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
<i>Datomicra dadopora</i> (Thomson, C.G., 1867)		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Datomicra nigra</i> (Kraatz, 1856)		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Dimetrota Mulsant & Rey, 1873		
<i>Dimetrota atramentaria</i> (Gyllenhal, 1810)		
Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
<i>Dimetrota marcida</i> (Erichson, 1837)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Dinaraea Thomson, C. G. 1858		
<i>Dinaraea aequata</i> (Erichson, 1837)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Dinaraea angustula</i> (Gyllenhal, 1810)		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
<i>Dinaraea linearis</i> (Gravenhorst, 1802)		
Blatch, W.G. and Horner 1887	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Geostiba Thomson, C. G. 1858		
<i>Geostiba circellaris</i> (Gravenhorst, 1806)		
Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Liogluta Thomson, C. G. 1858		
<i>Liogluta longiuscula</i> Thomson, C.G., 1858		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Microdota Mulsant & Rey, 1873		
<i>Microdota amricula</i> (Stephens, 1832)		
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
<i>Microdota atricolor</i> (Sharp, 1869)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
<i>Microdota benickiella</i> (Brundin, 1948)		
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
<i>Microdota indubia</i> (Sharp, 1869)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Microdota subtilis</i> (Scriba, 1866)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Mocyta Mulsant & Rey 1874		
<i>Mocyta fungi</i> (Gravenhorst, 1806)		
Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35



Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<b>Mycetota Ádám, 1987</b>		
<i>Mycetota laticollis</i> (Stephens, 1832)		
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
<b>Nehemitropia Lohse, 1971</b>		
<i>Nehemitropia lividipennis</i> (Mannerheim, 1830)		
Kidson Taylor, J. and Tomlin, J.R. <i>le B.</i>	Birklands and Bilhaugh	Ref: 1
<b>Pachyatheta Munster, 1925</b>		
<i>Pachyatheta cribrata</i> (Kraatz, 1856)		
Blatch, W.G. and Horner 1887	Birklands and Bilhaugh	Ref: 1
<b>Plataraea Thomson, C. G. 1858</b>		
<i>Plataraea brunnea</i> (Fabricius, 1798)		
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
<b>Traumoecia Mulsant &amp; Rey, 1874</b>		
<i>Traumoecia picipes</i> (Thomson, C.G., 1856)		
Fowler, Canon.	Birklands and Bilhaugh	Ref: 1
<b>Autalia Leach, 1819</b>		
<i>Autalia impressa</i> (Olivier, 1795)		
Kidson Taylor, J. and Tomlin, J.R. <i>le B.</i>	Birklands and Bilhaugh	Ref: 1
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 104
<b><i>Autalia longicornis</i> Scheerpeltz, 1947</b>		
Johnson, C. 1964	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1964	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1989	Birklands and Bilhaugh	Ref: 38
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<b><i>Autalia rivularis</i> (Gravenhorst, 1802)</b>		
Tomlin, J.R. <i>le B.</i>	Birklands and Bilhaugh	Ref: 1
<b>Cordalia Jacobs, 1925</b>		
<i>Cordalia obscura</i> (Gravenhorst, 1802)		
Thornley 1899	Birklands and Bilhaugh	Ref: 1
<b>Bolitochara Mannerheim, 1830</b>		
<i>Bolitochara bella</i> Märkel, 1844		
Johnson, C. 1985	Birklands and Bilhaugh	Ref: 38
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
<b><i>Bolitochara lucida</i> (Gravenhorst, 1802)</b>		
Blatch, W.G. 1889	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1984	Birklands and Bilhaugh	Ref: 38
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
<b><i>Bolitochara obliqua</i> Erichson, 1837</b>		
Kidson Taylor, J. and Tomlin, J.R. <i>le B.</i> 1907	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

## Leptusa Kraatz, 1856

### *Leptusa fumida* (Erichson, 1839)

Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

## Agaricochara Kraatz, 1856

### *Agaricochola latissima* (Stephens, 1832)

Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

## Encephalus Stephens, 1832

### *Encephalus complicans* Stephens, 1832

Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 104

## Gyrophaena Mannerheim, 1830

### *Gyrophaena affinis* Mannerheim, 1830

Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35

### *Gyrophaena fasciata* (Marsham, 1802)

Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
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### *Gyrophaena gentilis* Erichson, 1839

Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
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### *Gyrophaena joyioides* Wüsthoff, 1937

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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### *Gyrophaena manca* Erichson, 1839

Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117

### *Gyrophaena minima* Erichson, 1837

Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

### *Gyrophaena nana* (Paykull, 1800)

Kidson Taylor, J. 1906	Birklands and Bilhaugh	Ref: 1
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## Anomognathus Solier, 1849

### *Anomognathus cuspidatus* (Erichson, 1839)

Johnson, C. 1969	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

## Cypha Leach, 1819

### *Cypha longicornis* (Paykull, 1800)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104

### *Cypha seminulum* (Erichson, 1839)

Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80

## Oligota Mannerheim, 1830

### *Oligota apicata* (Erichson, 1837)

Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
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1907		Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1924		Birklands and Bilhaugh	Ref: 10
Johnson, C. 1977		Birklands and Bilhaugh	Ref: 38
Johnson, C. 1989		Birklands and Bilhaugh	Ref: 38
Drane, A.B. 2000		Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002		Birklands and Bilhaugh	Ref: 35
Denton, M.L. et al 2002		Birklands and Bilhaugh / Buck Gates	Ref: 35
<i>Oligota inflata</i> (Mannerheim, 1830)			
Blatch, W.G. and Horner 1886		Birklands and Bilhaugh	Ref: 1
<i>Oligota picipes</i> (Stephens, 1832)			
Beare, T.H. 1924		Birklands and Bilhaugh	Ref: 10
<i>Oligota pusillima</i> (Gravenhorst, 1806)			
Blatch, W.G. and Horner 1886		Birklands and Bilhaugh	Ref: 1
Drusilla Leach, 1819			
<i>Drusilla canaliculata</i> (Fabricius, 1787)			
Kidson Taylor, J. 1905		Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002		Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003		Birklands West / Sherwood Heath	Ref: 104
Pella Stephens, 1835			
<i>Pella limbata</i> (Paykull, 1789)			
Fowler, Canon.		Birklands and Bilhaugh	Ref: 1
Myllaena Erichson, 1837			
<i>Myllaena fowleri</i> Matthews, A., 1883			
Fowler, Canon.		Birklands and Bilhaugh	Ref: 1
Dexiogyia Thomson, C. G. 1858			
<i>Dexiogyia corticina</i> (Erichson, 1837)			
Fowler, Canon. 1916		Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1924		Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000		Birklands and Bilhaugh	Ref: 75
Haploglossa Kraatz, 1856			
<i>Haploglossa villosula</i> (Stephens, 1832)			
Fowler, Canon.		Birklands and Bilhaugh	Ref: 1
Ilyobates Kraatz, 1856			
<i>Ilyobates nigricollis</i> (Paykull, 1800)			
Chaster, G.W.		Birklands and Bilhaugh	Ref: 1
Ischnoglossa Kraatz, 1856			
<i>Ischnoglossa prolixa</i> (Gravenhorst, 1802)			
Kidson Taylor, J. 1905		Birklands and Bilhaugh	Ref: 1
Mniusa Mulsant & Rey, 1875			
<i>Mniusa incrassata</i> (Mulsant & Rey, 1852)			
Blatch, W.G. and Horner 1886		Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000		Birklands and Bilhaugh / Proteus Sq	Ref: 80
Oxypoda Mannerhiem, 1830			
<i>Oxypoda alternans</i> (Gravenhorst, 1802)			
Kidson Taylor, J. and Tomlin, J.R. le B.		Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002		Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018		Birklands and Bilhaugh	Ref: 131
<i>Oxypoda annularis</i> Mannerheim, 1830			
Chaster, G.W. 1905		Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2003		Birklands West / Sherwood Heath	Ref: 104
<i>Oxypoda brevicornis</i> (Stephens, 1832)			
Blatch, W.G. 1889		Birklands and Bilhaugh	Ref: 1

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<i>Oxypoda haemorrhoea</i> (Mannerheim, 1830)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
<i>Oxypoda opaca</i> (Gravenhorst, 1802)		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<i>Oxypoda recondita</i> Kraatz, 1856		
Johnson, C. 1969	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1985	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
<i>Oxypoda spectabilis</i> Märkel, 1844		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<i>Phloeopora</i> Erichson, 1837		
<i>Phloeopora corticalis</i> (Gravenhorst, 1802)		
Fowler, Canon. Chaster, G.W. Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1924	Birklands and Bilhaugh	Ref: 10
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
<i>Phloeopora testacea</i> (Mannerheim, 1830)		
Johnson, C. 1969	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<i>Placusa</i> Erichson, 1837		
<i>Placusa pumilio</i> (Gravenhorst, 1802)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
<i>Placusa tachyporoides</i> (Waltl, 1838)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
<i>Scaphidium</i> Olivier, 1790		
<i>Scaphidium quadrimaculatum</i> Olivier, 1790		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1983	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1984	Birklands and Bilhaugh	Ref: 38
Alexander, K.N.A. 1984	Birklands and Bilhaugh	Ref: 76
Wright, S. and Lott, D. 1986	Birklands and Bilhaugh	Ref: 76
Kirby, P. 1987	Birklands and Bilhaugh	Ref: 76
Binding, J. and Harris, A. 1995	Birklands and Bilhaugh	Ref: 77
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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 West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Heeney, W. 2014	Birklands and Bilhaugh	Ref: 144
Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Scaphisoma Leach, 1815

### *Scaphisoma agaricinum* (Linnaeus, 1758)

Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Smith, E.J.	Birklands and Bilhaugh	Ref: 76
Skidmore, P. 1962	Birklands and Bilhaugh	Ref: 38
Key, R.S. 1987	Birklands and Bilhaugh	Ref: 76
Fowles, A.P. 1988	Birklands and Bilhaugh	Ref: 76
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

### *Scaphisoma boleti* (Panzer, 1793)

Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76

## Deleaster Erichson, 1839

### *Deleaster dichrous* (Gravenhorst, 1802)

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36

## Syntomium Curtis, 1828

### *Syntomium aeneum* (Müller, P.W.J., 1821)

Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35

## Anotylus Thomson, C. G, 1859

### *Anotylus inustus* (Gravenhorst, 1806)

Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
	Birklands and Bilhaugh	Ref: 10

### *Anotylus rugosus* (Fabricius, 1775)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

### *Anotylus tetracarيناتus* (Block, 1799)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

## Oxytelus Gravenhorst, 1802

### *Oxytelus fulvipes* Erichson, 1839

Kidson Taylor, J. and Tomlin, J.R. le B. 1905	Birklands and Bilhaugh	Ref: 1
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### *Oxytelus laqueatus* (Marsham, 1802)

Whiteley, D. 1998	Birklands and Bilhaugh / Buck Gates	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36

### *Oxytelus sculptus* Gravenhorst, 1806

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
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Platystethus Mannerheim, 1930 <i>Platystethus arenarius</i> (Fourcroy, 1785) Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Oxyporus Fabricius, 1775 <i>Oxyporus rufus</i> (Linnaeus, 1758) Kidson Taylor, J. 1903 Hunter, F.A. 1978	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 76
Eutheia Stephens, 1830 <i>Eutheia linearis</i> Mulsant, 1861 Blatch, W.G. 1883 Fowler, Canon. 1886	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1
Cephennium Müller, P.W. J. & Kunze, 1822 <i>Cephennium gallicum</i> Ganglbauer, 1899 Lott, D.A. 1998 Lott, D.A. 1998	Birklands West and Ollerton Corner Birklands and Bilhaugh	Ref: 7 Ref: 7
Microscydmus Saulcy & Croissandeau, 1893 <i>Microscydmus minimus</i> (Chaudoir, 1845) Willoughby, H. and Ellis Bedwell, E.C. 1913 Hammond, P. Johnson, C. 1969 Johnson, C. 1977 Johnson, C. 1983 Lott, D.A. 1998 Lott, D.A. 1998	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: 10 Ref: 12 Ref: 38 Ref: 38 Ref: 38 Ref: 7 Ref: 7
<i>Microscydmus nanus</i> (Schaum, 1844) 1886 Bedwell, E.C. 1913 Lott, D.A. 1998 Lott, D.A. 1998	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner	Ref: 1 Ref: 10 Ref: 7 Ref: 7
Neuraphes Thomson, C. G. 1859 <i>Neuraphes angulatus</i> (Müller, P.W.J. & Kunze, 1822) Fowler, Canon. and Chaster, G.W.	Birklands and Bilhaugh	Ref: 1
<i>Neuraphes elongatulus</i> (Müller, P.W.J. & Kunze, 1822) Fowler, Canon. and Chaster, G.W. Godfrey, A. 2006	Birklands and Bilhaugh Birklands West / Sherwood Heath	Ref: 1 Ref: 108
<i>Neuraphes plicicollis</i> Reitter, 1879 Blatch, W.G. 1884 and 1885 1889 Lott, D.A. 1998 Lott, D.A. 1998 Drane, A.B. 2000	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh	Ref: 1 Ref: 1 Ref: 7 Ref: 7 Ref: 75
Scydmoraphes Reitter, 1891 <i>Scydmoraphes sparshalli</i> (Denny, 1825) Bedwell, E.C. 1916	Birklands and Bilhaugh	Ref: 1
Stenichnus Thomson, C. G. 1859 <i>Stenichnus bicolor</i> (Denny, 1825) Fowler, Canon. 1886 Beare, T.H. 1924 Johnson, C. 1965 Hunter, F.A. 1978 Drane, A.B. 2000 Denton, M.L. et al 2002	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 10 Ref: 38 Ref: 76 Ref: 75 Ref: 35
<i>Stenichnus collaris</i> (Müller, P.W.J. & Kunze, 1822) Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Stenichnus godarti</i> (Latreille, 1806)		
Fowler, Canon. 1886	Birklands and Bilhaugh	Ref: 1
<i>Stenichnus scutellaris</i> (Müller, P.W.J. & Kunze, 1822)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
<i>Stenus Latreille, 1796</i>		
<i>Stenus atratulus</i> Erichson, 1839		
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Stenus bifoveolatus</i> Gyllenhal, 1827		
Merritt, R. 2000	Birklands West / Clipstone Old Qtr	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2012	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Stenus binotatus</i> Ljungh, 1804		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Stenus boops</i> Ljungh, 1810		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Stenus brunnipes</i> Stephens, 1833		
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
<i>Stenus cincindeloides</i> (Schaller, 1783)		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Stenus clavicornis</i> (Scopoli, 1763)		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Stenus flavipes</i> Stephens, 1833		
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
<i>Stenus fulvicornis</i> Stephens, 1833		
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Stenus impressus</i> Germar, 1824		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Stenus juno</i> (Paykull, 1789)		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
<i>Stenus nanus</i> Stephens, 1833		
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
<i>Stenus ossium</i> Stephens, 1833		
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Stenus providus</i> Erichson, 1839		
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Sherwood Heath	Ref: 36
<i>Stenus pubescens</i> Stephens, 1833		
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Stenus similis</i> (Herbst, 1784)		
Ryles, W.E.	Birklands and Bilhaugh	Ref: 10
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Stenus solutus</i> Erichson, 1840		
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
<i>Astenus</i> Dejean, 1833		
<i>Astenus lyonessius</i> (Joy, 1908)		
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
<i>Astenus pulchellus</i> (Heer, 1839)		
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Lathrobium</i> Gravenhorst, 1802		
<i>Lathrobium brunnipes</i> (Fabricius, 1792)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 130
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Lathrobium elongatum</i> (Linnaeus, 1767)		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
<i>Lathrobium terminatum</i> Gravenhorst, 1802		
Merritt, R. 1999	Birklands and Bilhaugh / Budby SF	Ref: 130
Merritt, R. 2000	Birklands West / Clipstone Old Qtr	Ref: 130
<i>Lithocharis</i> Dejean, 1833		
<i>Lithocharis nigriceps</i> (Kraatz, 1859)		
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Rugilus</i> Leach, 1819		
<i>Rugilus orbiculatus</i> (Paykull, 1789)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1



Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<i>Rugilus rufipes</i> Germar, 1836		
Blatch, W.G. 1889	Birklands and Bilhaugh	Ref: 1
Heeney, W. 2017	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Atrecus</i> Jacquelin du Val, 1856		
<i>Atrecus affinis</i> (Paykull, 1789)		
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Othius</i> Stephens, 1829		
<i>Othius angustus</i> Stephens, 1833		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
<i>Othius laeviusculus</i> Stephens, 1833		
Fowler and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
<i>Othius punctulatus</i> (Goeze, 1777)		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Othius subuliformis</i> Stephens, 1833		
Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Bisnius</i> Stephens, 1829		
<i>Bisnius cephalotes</i> (Gravenhorst, 1802)		
Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1
<i>Bisnius fimetarius</i> (Gravenhorst, 1802)		
Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands West and Ollerton Corner	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35

<i>Bisnius puella</i> (Nordmann, 1837)	Fowler, Canon.	Birklands and Bilhaugh	Ref: 1
<i>Bisnius subuliformis</i> (Gravenhorst, 1802)	Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Gabrius Stephens, 1829			
<i>Gabrius splendidulus</i> (Gravenhorst, 1802)	Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
	Johnson, C. 1964	Birklands and Bilhaugh	
	Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
	Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
	Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
	Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
	Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
	Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
	Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Gabrius trossulus</i> (Nordmann, 1837)	Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Philonthus Stephens, 1829			
<i>Philonthus addendus</i> Sharp, 1867	Blatch, W.G.	Birklands and Bilhaugh	Ref: 1
<i>Philonthus albipes</i> (Gravenhorst, 1802)	Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
<i>Philonthus carbonarius</i> (Gravenhorst, 1802)	Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
	Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Philonthus cognatus</i> Stephens, 1832	Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
<i>Philonthus cruentatus</i> (Gmelin in Linnaeus, 1790)	Blatch, W.G. and Horner	Birklands and Bilhaugh	Ref: 1
<i>Philonthus decorus</i> (Gravenhorst, 1802)	Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
	Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Philonthus laminatus</i> (Creutzer, 1799)	Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<i>Philonthus marginatus</i> (Müller, O.F., 1764)	Tomlin, J.R. le B. and Carr, J.W.	Birklands and Bilhaugh	Ref: 1
<i>Philonthus politus</i> (Linnaeus, 1758)	Kidson Taylor, J. Tomlin, J.R. le B. and Carr, J.W.	Birklands and Bilhaugh	Ref: 1
<i>Philonthus succicola</i> Thomson, C.G., 1860	Denton, M.L. et al 2002	Birklands and Bilhaugh / Proteus Sq	Ref: 35
<i>Philonthus tenuicornis</i> Mulsant & Rey, 1853	Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
	Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
<i>Philonthus varians</i> (Paykull, 1789)	Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Philonthus ventralis</i> (Gravenhorst, 1802)		
Fowler, Canon.	Birklands and Bilhaugh	Ref: 1
Heterothops Stephens, 1829		
<i>Heterothops dissimilis</i> (Gravenhorst, 1802)		
Kidson Taylor, J. 1906	Birklands and Bilhaugh	Ref: 1
Quedius Stephens, 1829		
<i>Quedius boops</i> (Gravenhorst, 1802)		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
<i>Quedius cinctus</i> (Paykull, 1790)		
Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
<i>Quedius cruentus</i> (Olivier, 1795)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Quedius curtipennis</i> Bernhauer, 1908		
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Quedius fulgidus</i> (Fabricius, 1792)		
Fowler, Canon. 1916	Birklands and Bilhaugh	Ref: 1
<i>Quedius fuliginosus</i> (Gravenhorst, 1802)		
Tomlin, J.R. le B. 1912	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Quedius lateralis</i> (Gravenhorst, 1802)		
Blatch, W.G. and Horner	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Quedius levicollis</i> (Brullé, 1832)		
Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
<i>Quedius mesomelinus</i> (Marsham, 1802)		
Ryles, W.E.	Birklands and Bilhaugh	Ref: 1
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
<i>Quedius maurorufus</i> (Gravenhorst, 1806)		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
<i>Quedius maurus</i> (Sahlberg, C.R., 1830)		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<i>Quedius mesomelinus</i> (Marsham, 1802)		
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Quedius molochinus</i> (Gravenhorst, 1806)		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35

*Quedius nigriceps* Kraatz, 1857

Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

*Quedius picipes* (Mannerheim, 1830)

Fowler, Canon. Blatch, W.G. Horner and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
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*Quedius puncticollis* (Thomson, C.G., 1867)

Fowler, Canon. Blatch, W.G. Horner and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
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*Quedius scintillans* (Gravenhorst, 1806)

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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*Quedius scitus* (Gravenhorst, 1806)

Kidson Taylor, J. 1889	Birklands and Bilhaugh	Ref: 1
1916	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Fowler, Canon. Blatch, W.G. Horner and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1

*Quedius semiaeneus* (Stephens, 1833)

Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
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*Quedius semiobscurus* (Marsham, 1802)

Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
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*Quedius truncicola* Fairmaire & Laboulbène, 1856

Fowler, Canon.	Birklands and Bilhaugh	Ref: 1
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*Quedius xanthopus* Erichson, 1839

Fowler, Canon. Blatch, W.G. Horner and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1963	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1964	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1964	Birklands and Bilhaugh	Ref: 38
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Johnson, C. 1983	Birklands and Bilhaugh	Ref: 38
Key, R.S. 1987	Birklands and Bilhaugh	Ref: 76
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Fowler, Canon. Blatch, W.G. Horner and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1

*Creophilus* Leach, 1819

*Creophilus maxillosus* (Linnaeus, 1758)

Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36

*Ocypus* Leach, 1819

*Ocypus aeneocephalus* (De Geer, 1774)

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Ocypus brunnipes</i> (Fabricius, 1781)		
Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Quarter	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Ocypus fuscatus</i> (Gravenhorst, 1802)		
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Ocypus olens</i> <b>Devil's Coach-horse</b> (Müller, O.F., 1764)		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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. 2012	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Heaney, W. 2013	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Ocypus ophthalmicus</i> (Scopoli, 1763)		
1916	Birklands and Bilhaugh	Ref: 1
<i>Ontholestes</i> Ganglbauer, 1895		
<i>Ontholestes murinus</i> (Linnaeus, 1758)		
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Heaney, W. 2014	Birklands and Bilhaugh	Ref: 144
<i>Ontholestes tessellatus</i> (Geoffroy, 1785)		
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
Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Platydracus</i> Thomson, C. G. 1858		
<i>Platydracus fulvipes</i> (Scopoli, 1763)		
Blatch, W.G. 1886	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36

Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
<i>Platydacus stercorarius</i> (Olivier, 1795)		
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
<b>Staphylinus Linnaeus, 1758</b>		
<i>Staphylinus caesareus</i> Cederhjelm, 1798		
Carr, J.W. 1912	Birklands and Bilhaugh	Ref: 1
<b>Tasgius Stephens, 1829</b>		
<i>Tasgius ater</i> (Gravenhorst, 1802)		
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
<i>Tasgius morsitans</i> (Rossi, 1790)		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
<b>Gauropterus Thomson, C. G. 1860</b>		
<i>Gauropterus fulgidus</i> (Fabricius, 1787)		
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
<b>Leptacinus Erichson, 1839</b>		
<i>Leptacinus pusillus</i> (Stephens, 1833)		
Kidson Taylor, J. 1906	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Megalinus Mulsant &amp; Rey, 1877</b>		
<i>Megalinus glabratus</i> (Gravenhorst, 1802)		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
<b>Xantholinus Dejean, 1821</b>		
<i>Xantholinus elegans</i> (Olivier, 1795)		
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
<i>Xantholinus linearis</i> (Olivier, 1795)		
Tomlin, J.R. le B. 1906	Birklands and Bilhaugh	Ref: 1
Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Xantholinus longiventris</i> Heer, 1839		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Geotrupidae Latreille, 1802</b>		
<b>Typhaeus Leach, 1815</b>		
<i>Typhaeus typhoeus</i> <b>Minotaur Beetle</b> (Linnaeus, 1758)		
Carr 1918	Birklands and Bilhaugh	Ref: 10
Dutton, A. and Dutton, C. 2005	Birklands and Bilhaugh	Ref: 74
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 / 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 West / Sherwood Heath	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Boroff, A. and Joynt, G. 2009	Birklands and Bilhaugh	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Boroff, A. 2010	Birklands and Bilhaugh / Budby SF	Ref: 70
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Kirkham, E. 2018	Birklands and Bilhaugh	Ref: 155
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

### Geotrupes Latreille, 1766

#### *Geotrupes spiniger* (Marshall, 1802)

Kidson Taylor, J. 1906	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West and Ollerton Corner	Ref: 36
Heeney, W. 2014	Birklands and Bilhaugh	Ref: 144

#### *Geotrupes stercorarius* (Linnaeus, 1758)

Dutton, A. and Dutton, C. 2006	Birklands and Bilhaugh	Ref: 74
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36

### Trypocopris Motschulsky, 1860

#### *Trypocopris vernalis* (Linnaeus, 1758)

Howitt 1916	Birklands and Bilhaugh	Ref: 1
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### Trogidae Macleay, 1819

#### Trox Fabricius, 1775

#### *Trox scaber* (Linnaeus, 1767)

Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36

### Lucanidae Latreille, 1804

#### Sinodendron Hellwig, 1792

#### *Sinodendron cylindricum* **Rhinoceros Beetle** (Linnaeus, 1758)

1988	Birklands and Bilhaugh	Ref: 75
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36

**Dorcus MacLeay, 1819**

***Dorcus parallelipedus* Lesser Stag Beetle (Linnaeus, 1758)**

Skidmore, P. 1960	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1963	Birklands and Bilhaugh	Ref: 38
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Boroff, A. 2008	Birklands and Bilhaugh	Ref: 70
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
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

**Scarabaeidae Latreille, 1766**

**Aphodius Illiger, 1798**

***Aphodius ater* (De Geer, 1774)**

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. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36

***Aphodius coenosus* (Panzer, 1798)**

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
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***Aphodius contaminatus* (Herbst, 1783)**

Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36

***Aphodius depressus* (Kugelann, 1792)**

Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36

***Aphodius distinctus* (Müller, O.F., 1776)**

1916	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36

***Aphodius fimetarius* (Linnaeus, 1758)**

Dutton, A. and Dutton, C. 2007	Birklands and Bilhaugh	Ref: 74
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***Aphodius foetens* (Fabricius, 1787)**

Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF	Ref: 36

***Aphodius foetidus* (Herbst, 1783)**

Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36



*Aphodius fossor* (Linnaeus, 1758)

Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144
Skinner, M. 2015	Birklands and Bilhaugh	Ref: 141
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36

*Aphodius granarius* (Linnaeus, 1767)

Dutton, A. and Dutton, C. 2007	Birklands and Bilhaugh	Ref: 74
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36

*Aphodius haemorrhoidalis* (Linnaeus, 1758)

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36

*Aphodius luridus* (Fabricius, 1775)

Dutton, A. and Dutton, C. 2007	Birklands and Bilhaugh	Ref: 74
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. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36

*Aphodius paykulli* Bedel, 1907

Blatch, W.G. Chaster, G.W. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36

*Aphodius pedellus* (De Geer, 1774)

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36

*Aphodius prodromus* (Brahm, 1790)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
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: 34
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
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<b><i>Aphodius rufipes</i> (Linnaeus, 1758)</b>		
Golding, J. 1899	Birklands and Bilhaugh	Ref: 1
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: 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 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. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
<b><i>Aphodius rufus</i> (Moll, 1782)</b>		
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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
<b><i>Aphodius sphaelatus</i> (Panzer, 1798)</b>		
Marsh, B. 2003	Birklands and Bilhaugh	Ref: 10
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 105
	Birklands West / Clipstone Old Qtr	Ref: 36
<b><i>Aphodius sticticus</i> (Panzer, 1798)</b>		
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Hoplia Illiger, 1803</b>		
<b><i>Hoplia philanthus</i> Welsh Chafer (Füessly, 1775)</b>		
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
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Melolontha Fabricius, 1775</b>		
<b><i>Melolontha melolontha</i> Common Cockchafer (Linnaeus, 1758)</b>		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Amphimallon Latreille, 1825</b>		
<b><i>Amphimallon solstitale</i> Summer Chafer (Linnaeus, 1758)</b>		
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Serica MacLeay, 1819</b>		
<b><i>Serica brunnea</i> Brown Chafer (Linnaeus, 1758)</b>		
Binding, A.E. 1995	Birklands and Bilhaugh	Ref: 77

Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	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 / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

## Phyllopertha Stephens, 1830

### *Phyllopertha horticola* Garden Chafer Stephens, 1830

Kidson Taylor, J. 1912	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Whiteley, D. 2003	Birklands and Bilhaugh	Ref: 79
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: 34
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
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
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Scirtidae Fleming, 1821

### Elodes Latreille, 1796

#### *Elodes minuta* (Linnaeus, 1767)

Bedwell, E.C.	Birklands and Bilhaugh	Ref: 1
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### Cyphon Paykull, 1799

#### *Cyphon coarctatus* Paykull, 1799

Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
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#### *Cyphon pubescens* (Fabricius, 1792)

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
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#### *Cyphon variabilis* (Thunberg, 1787)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
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Prionocyphon Redtenbacher, 1858  
*Prionocyphon serricornis* (Müller, P.W.J., 1821)  
Matthews, Rev. A. 1870  
Kidson Taylor, J. and Tomlin, J.R. le B. 1904

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

## Buprestidae Leach, 1815

Agrilus Curtis, 1825  
*Agrilus angustulus* (Illiger, 1803)

Tomlin, J.R. le B.  
Levey, B. 1899  
1916  
Dutton, A. 2010  
Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 6  
Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 114  
Birklands and Bilhaugh Ref: 36

*Agrilus biguttatus* (Fabricius, 1777)

Donisthorpe, H. 1908  
Levey, B. 1913  
1940  
Tozer, D. 1939  
Hunter, F.A.  
Hunter, F.A. Between 1960 and 1969  
Lott, D.A. 1998  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2010  
Dutton, A. and Dutton, C. 2010  
Alexander, K.N.A. 2009/2010  
Alexander, K.N.A. 2009/2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2016

Birklands and Bilhaugh Ref: 1  
Edwinstowe Ref: 76  
Birklands and Bilhaugh Ref: 5  
Birklands and Bilhaugh Ref: 76  
Birklands and Bilhaugh Ref: 76  
Birklands and Bilhaugh Ref: 38  
Birklands and Bilhaugh Ref: 79  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 74  
Birklands West and Ollerton Corner Ref: 118  
Birklands and Bilhaugh Ref: 117  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 36

*Agrilus laticornis* (Illiger, 1803)

Kidson Taylor, J. 1903  
Lott, D.A. 1998  
Drane, A.B. 2000  
Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 7  
Birklands and Bilhaugh / Proteus Sq Ref: 80  
Birklands and Bilhaugh Ref: 36

*Agrilus sinuatus* (Olivier, 1790)

Alexander, K.N.A. 2009  
Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh Ref: 117  
Birklands West / Clipstone Old Qtr Ref: 36

## Byrrhidae Latreille, 1804

Simplocaria Stephens, 1829  
*Simplocaria semistriata* (Fabricius, 1794)  
Marsh, B. 2003

Birklands West / Sherwood Heath Ref: 105

Cytilus Erichson, 1846

*Cytilus sericeus* (Forster, 1771)

Ryles, W.E. 1901  
Pendleton, T.A. and Pendleton, D.T. 2009  
Binding, A.E. and Binding, A. 2009  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh Ref: 10  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 111  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36

Byrrhus Linnaeus, 1767

*Byrrhus fasciatus* (Forster, 1770)

Drane, A.B. 2000  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Proteus Sq Ref: 80  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36

*Byrrhus pilula* (Linnaeus, 1758)

Drane, A.B. 2000  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2008

Birklands and Bilhaugh / Proteus Sq Ref: 80  
Birklands and Bilhaugh Ref: 34  
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. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36

*Byrrhus pustulatus* (Forster, 1770)

Ryles, W.E. 1901	Birklands and Bilhaugh	Ref: 10
Donisthorpe, H. 1907	Birklands and Bilhaugh	Ref: 1

**Dryopidae** Billberg, 1820 (1817)

Dryops Olivier, 1791

*Dryops ernesti* des Gozis, 1886

Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
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**Eucnemidae** Eschscholtz, 1829

Melasis Olivier, 1790

*Melasis buprestoides* (Linnaeus, 1761)

Bedwell, E.C. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

**Throscidae** Laporte, 1840

Trixagus Kugelann, 1794

*Trixagus carinifrons* (de Bonvouloir, 1859)

Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

*Trixagus dermestoides* (Linnaeus, 1767)

Matthews, Rev. A. Chaster, G.W. Tomlin, J.R. le B.		
Ryles, W.E. and Kidson Taylor, J. 1907	Birklands and Bilhaugh	Ref: 1
Foster, A.P. 1987	Birklands and Bilhaugh	Ref: 76
Bratton, J.H. 1987	Birklands and Bilhaugh	Ref: 76
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

**Elateridae** Leach, 1815

Ctenicera Latreille, 1829

*Ctenicera pectinicornis* (Linnaeus, 1758)

Donisthorpe, H. 1907	Birklands and Bilhaugh	Ref: 1
1912	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

Calambus Thomsom. C. G. 1859

*Calambus bipustulatus* (Linnaeus, 1767)

Turner and Fowler, Canon.	Birklands and Bilhaugh	Ref: 1
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## Aplotarsus Stephens, 1830

### *Aplotarus incanus* (Gyllenhal, 1827)

Bedwell, E.C. Chaster, G.W. Fowler,  
Kidson Taylor, J. and Carr, J.W.

Birklands and Bilhaugh Ref: 1

## Prosternon Latreille, 1834

### *Prosternon tessellatum* **Chequered Click Beetle** (Linnaeus, 1758)

Ryles, W.E. Kidson Taylor, J. and Randell, J. 1912  
1981

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 24

Lazenby, A. 1991

Birklands West / Sherwood Heath Ref: 79

Binding, A. and Binding, A.E. 1999

Birklands and Bilhaugh Ref: 77

Drane, A.B. 2000

Birklands and Bilhaugh / Proteus Sq Ref: 80

Denton, M.L. et al 2002

Birklands and Bilhaugh Ref: 35

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. 2008

Birklands and Bilhaugh / Budby SF Ref: 36

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

Binding, A.E. and Binding, A. 2009

Birklands and Bilhaugh Ref: 111

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

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh / Budby SF Ref: 119

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Budby SF Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands West / Sherwood Heath Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands West / Sherwood Heath Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2015

Birklands West / Clipstone Old Qtr Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016

Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh / Budby SF Ref: 36

Whiteley, D. 2018

Birklands and Bilhaugh / Budby SF Ref: 143

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands West and Ollerton Corner Ref: 36

Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018

Birklands and Bilhaugh Ref: 149

Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 36

Pendleton, T.A. 2020

Birklands and Bilhaugh / Budby SF Ref: 36

## Selatosomus Stephens, 1830

### *Selatosomus aeneus* (Linnaeus, 1758)

Hunter, F.A. 1978

Birklands and Bilhaugh Ref: 76

Lazenby, A. 1991

Birklands West / Sherwood Heath Ref: 79

Binding, A.E. 1999

Birklands and Bilhaugh Ref: 77

Denton, M.L. et al 2002

Birklands and Bilhaugh / Buck Gates Ref: 35

Dutton, A. and Dutton, C. 2004

Birklands and Bilhaugh Ref: 74

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

Binding, A.E. and Binding, A. 2009

Birklands and Bilhaugh Ref: 111

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

Birklands West / Sherwood Heath Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Budby SF Ref: 119

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West / Sherwood Heath Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands West / Sherwood Heath Ref: 36

## Kibunea Kishii, 1966

### *Kibunea minuta* (Linnaeus, 1758)

Hunter, F.A. 1978

Birklands and Bilhaugh Ref: 76

Denton, M.L. et al 2002

Birklands and Bilhaugh Ref: 35

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

Birklands and Bilhaugh Ref: 36

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

Birklands and Bilhaugh Ref: 36

Alexander, K.N.A. 2009/2010

Birklands West and Ollerton Corner Ref: 118

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

### Denticollis Piller & Mitterpacher, 1783

#### *Denticollis linearis* (Linnaeus, 1758)

Bedwell, E.C. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149

### Athous Eschscholtz, 1829

#### *Athous campyloides* Newman, 1833

Ryle, G.B.	Birklands and Bilhaugh	Ref: 10
Ryles, W.E.	Birklands West and Ollerton Corner	Ref: 10

### *Athous haemorrhoidalis* (Fabricius, 1801)

Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
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	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Sherwood Heath	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
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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh / Budby SF	Ref: 149
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

*Athous subfuscus* (Müller, O.F., 1764)

Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Sherwood Heath	Ref: 36
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*Stenagostus* Thomson, C. G. 1859

*Stenagostus rhombeus* (Olivier, 1790)

Kidson Taylor, J. 1868	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Wright, S. 1986	Birklands and Bilhaugh	Ref: 76
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
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
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

*Hemicrepidius* Germar, 1839

*Hemicrepidius hirtus* (Herbst, 1784)

Bedwell, E.C. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149

*Adrastus* Eschscholtz, 1829

*Adrastus pallens* (Fabricius, 1792)

Kidson Taylor, J. 1912	Birklands and Bilhaugh	Ref: 1
Kirby, P. 1987	Birklands and Bilhaugh	Ref: 75

*Adrastus rachifer* (Fourcroy, 1785)

Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
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## Agriotes Eschscholtz, 1829

### *Agriotes acuminatus* (Stephens, 1830)

Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

### *Agriotes lineatus* (Linnaeus, 1767)

Ryles, W.E.	Birklands and Bilhaugh	Ref: 1
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### *Agriotes obscurus* (Linnaeus, 1758)

Bedwell, E.C. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

### *Agriotes pallidulus* (Illiger, 1807)

Bedwell, E.C. Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
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 West / Sherwood Heath	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
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Dalopius Eschscholtz, 1829

### *Dalopius marginatus* (Linnaeus, 178)

Bedwell, E.C. Randall Jackson, A. Ryles, W.E. Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
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
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

### Ampedus Dejean, 1933

#### *Ampedus balteatus* (Linnaeus, 1758)

Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Clarke, R.O. 1964	Birklands and Bilhaugh	Ref: 79
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
1981	Birklands and Bilhaugh	Ref: 24
1984	Birklands and Bilhaugh	Ref: 75
Wright, S. 1986	Birklands and Bilhaugh	Ref: 75
Key, R.S. 1987	Birklands and Bilhaugh	Ref: 75
Key, R.S. 1991	Birklands and Bilhaugh	Ref: 75
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Whiteley, D. 2003	Birklands and Bilhaugh	Ref: 79
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: 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 / Budby SF	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands West / Clipstone Old Qtr	Ref: 149
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh / Budby SF	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Whiteley, D. 2018	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

*Ampedus cardinalis* (Schiodte, 1865)

Blatch, W.G.	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Dutton, A. and Dutton, C. 2006	Birklands and Bilhaugh	Ref: 74
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

*Ampedus cinnabarinus* (Eschscholtz, 1829)

Kidson Taylor, J. Chaster, G.W. and Tomlin, J.R. <i>le B.</i> 1870	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1907	Birklands and Bilhaugh	Ref: 10

*Ampedus pomorum* (Herbst, 1784)

Blatch, W.G. Horner, Chaster, G.W. Fowler and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Ryle, G.B. 1923	Birklands and Bilhaugh	Ref: 10
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1963	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1969	Birklands and Bilhaugh	Ref: 38
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Drane, A.B. 1984	Birklands and Bilhaugh	Ref: 76
Foster, A.P. 1987	Birklands and Bilhaugh	Ref: 75
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: 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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Heeney, W. 2013	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Heeney, W. 2014	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh / Budby SF	Ref: 149
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Ampedus quercicola* (du Buysson, 1887)

Hardy, J.R. 1874	Birklands and Bilhaugh	Ref: 1
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
1907	Birklands and Bilhaugh	Ref: 1
Bedwell, E.C. 1927	Birklands and Bilhaugh	Ref: 10
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Skidmore, P. 1962	Birklands and Bilhaugh	Ref: 38
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35

Whiteley, D. 2003	Birklands and Bilhaugh	Ref: 79
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: 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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36

### Procræus Reitter, 1905

#### *Procræus tibialis* (Lacordaire, 1835)

Bedwell, E.C.	Birklands and Bilhaugh	Ref: 11
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

### Sericus Eschscholtz, 1829

#### *Sericus brunneus* (Linnaeus, 1758)

Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35

### Melanotus Eschscholtz.1829

#### *Melanotus castanipes* (Paykull, 1800)

Janson 1856	Birklands and Bilhaugh	Ref: 1
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 West / Clipstone Old Qtr	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

### *Melanotus villosus* (Geoffroy in Fourcroy, 1785)

Blatch, W.G. Chaster, G.W. Fowler and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149

## Lycidae Laporte, 1836

### Platycis Thomson, C. G. 1859

#### *Platycis minutus* (Fabricius, 1787)

Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Johnson, C. 1989	Birklands and Bilhaugh	Ref: 38
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144
Batty, S. 2019	Birklands and Bilhaugh	Ref: 148

## Pyropterus Mulsant, 1838

### *Pyropterus nigroruber* (De Geer, 1774)

Kidson Taylor, J. 1868	Birklands and Bilhaugh	Ref: 1
1908	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1909	Birklands and Bilhaugh	Ref: 10
Carr 1919	Birklands and Bilhaugh / Budby SF	Ref: 10
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1963	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1963	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Binding, A.E. 1995	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
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: 34
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144
Skinner, M. 2015	Birklands and Bilhaugh	Ref: 141

## Lampyridae Rafinesque, 1815

### Lampyris Muller, O. F. 1764

#### *Lampyris noctiluca* **Glow Worm** (Linnaeus, 1758)

Tyrer, R. and Tyrer, W. 1868	Birklands and Bilhaugh	Ref: 1
Blatch, W.G. and Chaster, G.W.	Birklands and Bilhaugh	Ref: 1
Ryles, W.E. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Houghton, J.T. 1912	Birklands and Bilhaugh	Ref: 1
UK Glow Worm Survey 1992	Birklands and Bilhaugh / Budby SF	Ref: 158
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. 2008	Birklands West / Sherwood Heath	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 West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Cornish, C. 2009	Birklands West / Sherwood Heath	Ref: 100
Stander, K. 2009	Birklands West / Sherwood Heath	Ref: 101
Chandler, A. 2009	Birklands West / Sherwood Heath	Ref: 102
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Chandler, A. 2011	Birklands West / Sherwood Heath	Ref: 102
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Michalek, L. 2014	Birklands West / Clipstone Old Qtr	Ref: 157
Walker, M. 2014	Birklands and Bilhaugh / Buck Gates	Ref: 157
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Sherwood Heath	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Aitken, S. 2016	Birklands West / Sherwood Heath	Ref: 157
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West and Ollerton Corner	Ref: 36
Dale, M. and Major, I. 2017	Birklands West / Sherwood Heath	Ref: 157
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Huntingdon, H. and Smith, G. 2018	Birklands West / Clipstone Old Qtr	Ref: 157
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Maxwell, J. 2019	Birklands West / Clipstone Old Qtr	Ref: 157
Fell, A. 2018	Birklands West / Clipstone Old Qtr	Ref: 157
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Cornish, C. 2018	Birklands West / Sherwood Heath	Ref: 157
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Maxwell, J. and Upright, R. 2018	Birklands West / Clipstone Old Qtr	Ref: 157
Lowe, A. 2019	Birklands West / Clipstone Old Qtr	Ref: 157
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Smales-Cresswell, D. Tabara, T. and Thompson, M. 2019	Birklands West / Clipstone Old Qtr	Ref: 157
Charlston, B. 2019	Birklands West / Sherwood Heath	Ref: 157
Dale, M. and Sutton, A. 2019	Birklands West / Clipstone Old Qtr	Ref: 157
Ryder, C. 2019	Birklands and Bilhaugh / Budby SF	Ref: 150
Keimel Greene, I. 2019	Birklands West / Clipstone Old Qtr	Ref: 157
Fell, A. and Fell, J. 2019	Birklands West / Clipstone Old Qtr	Ref: 157
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Sherwood Heath	Ref: 36
Fell, A. Fell, J. and Singleton, A. 2020	Birklands West / Clipstone Old Qtr	Ref: 157
Maxwell, J. and Upright, R. 2020	Birklands West / Clipstone Old Qtr	Ref: 157
Taberer, T. Exley, S. Exley, J. and Thompson, C. 2020	Birklands West / Clipstone Old Qtr	Ref: 157
Cornish, C. 2020	Birklands West / Clipstone Old Qtr	Ref: 157
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Booth, C. 2020	Birklands West / Clipstone Old Qtr	Ref: 157

## Cantharidae Imhoff, 1856 (1815)

### Podabrus Westwood, 1838

#### *Podabrus alpinus* (Paykull, 1798)

Fowler

Birklands and Bilhaugh Ref: 1

### Cantharis Linnaeus, 1758

#### *Cantharis cryptica* Ashe, 1947

Kidson Taylor, J. and Randall Jackson, A.

Denton, M.L. et al 2002

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

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

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

Binding, A.E. and Binding, A. 2009

Pendleton, T.A. and Pendleton, D.T. 2010

Alexander, K.N.A. 2009/2010

Alexander, K.N.A. 2009/2010

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2012

Pendleton, T.A. and Pendleton, D.T. 2012

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2014

Pendleton, T.A. and Pendleton, D.T. 2016

Pendleton, T.A. and Pendleton, D.T. 2016

Pendleton, T.A. and Pendleton, D.T. 2017

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh	Ref: 1
Birklands and Bilhaugh	Ref: 35
Birklands West / Clipstone Old Qtr	Ref: 36
Birklands and Bilhaugh	Ref: 34
Birklands and Bilhaugh	Ref: 36
Birklands and Bilhaugh	Ref: 111
Birklands and Bilhaugh / Budby SF	Ref: 36
Birklands West and Ollerton Corner	Ref: 118
Birklands and Bilhaugh	Ref: 117
Birklands and Bilhaugh / Budby SF	Ref: 119
Birklands and Bilhaugh	Ref: 36
Birklands and Bilhaugh / Budby SF	Ref: 119
Birklands West / Clipstone Old Qtr	Ref: 36
Birklands and Bilhaugh	Ref: 36
Birklands and Bilhaugh / Budby SF	Ref: 36
Birklands and Bilhaugh	Ref: 36
Birklands West / Sherwood Heath	Ref: 36
Birklands West / Clipstone Old Qtr	Ref: 36
Birklands West / Clipstone Old Qtr	Ref: 36
Birklands West / Sherwood Heath	Ref: 36
Birklands West / Clipstone Old Qtr	Ref: 36
Birklands and Bilhaugh / Budby SF	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Cantharis dicipiens</i> Baudi, 1871		
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Cantharis lateralis</i> Linnaeus, 1758		
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
<i>Cantharis livida</i> Linnaeus, 1758		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Cantharis nigra</i> (De Geer, 1774)		
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
<i>Cantharis nigricans</i> (Müller, O.F., 1776)		
Bedwell, E.C. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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: 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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Cantharis obscura</i> Linnaeus, 1758		
Blatch, W.G. Turner and Bedwell, E.C.	Birklands and Bilhaugh	Ref: 1
Chaster, G.W. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Drane, A.B. 1984	Birklands and Bilhaugh	Ref: 79
Wright, S. 1986	Birklands and Bilhaugh	Ref: 75

*Cantharis pallida* Goeze, 1777

Kirby, P. 1987	Birklands and Bilhaugh	Ref: 76
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119

*Cantharis paludosa* Fallén, 1807

Bedwell, E.C. 1908	Birklands and Bilhaugh	Ref: 1
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*Cantharis pellucida* Fabricius, 1792

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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: 34
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Cantharis rufa* Linnaeus, 1758

Bedwell, E.C. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111

*Cantharis rustica* Fallén, 1807

Bedwell, E.C. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
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: 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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36



Pendleton, T.A. and Pendleton, D.T. 2015  
 Pendleton, T.A. and Pendleton, D.T. 2016  
 Pendleton, T.A. and Pendleton, D.T. 2017  
 Pendleton, T.A. and Pendleton, D.T. 2018  
 Pendleton, T.A. and Pendleton, D.T. 2018  
 Pendleton, T.A. 2020

Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh Ref: 36

**Rhagonycha Eschscholtz, 1830**  
*Rhagonycha fulva* (Scopoli, 1763)

Wright, S. and Paul, C. 1994  
 Binding, A. and Binding, A.E. 1999  
 Drane, A.B. 2000  
 Drane, A.B. 2000  
 Pendleton, T.A. and Pendleton, D.T. 2005  
 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. 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  
 Pendleton, T.A. and Pendleton, D.T. 2010  
 Pendleton, T.A. and Pendleton, D.T. 2010  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2012  
 Pendleton, T.A. and Pendleton, D.T. 2012  
 Pendleton, T.A. and Pendleton, D.T. 2014  
 Pendleton, T.A. and Pendleton, D.T. 2014  
 Skinner, M. 2015  
 Heeney, W. 2015  
 Pendleton, T.A. and Pendleton, D.T. 2017  
 Pendleton, T.A. and Pendleton, D.T. 2018  
 Pendleton, T.A. and Pendleton, D.T. 2018  
 Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. *et al* 2018  
 Pendleton, T.A. 2020  
 Pendleton, T.A. 2020

Birklands West / Sherwood Heath Ref: 132  
 Birklands and Bilhaugh Ref: 77  
 Birklands and Bilhaugh / Proteus Sq Ref: 80  
 Birklands West and Ollerton Corner Ref: 80  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands and Bilhaugh Ref: 34  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands West / Sherwood Heath Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh Ref: 119  
 Birklands and Bilhaugh Ref: 36  
 Birklands West and Ollerton Corner Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands West / Sherwood Heath Ref: 36  
 Birklands West / Sherwood Heath Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands West / Sherwood Heath Ref: 36  
 Birklands and Bilhaugh Ref: 141  
 Birklands and Bilhaugh Ref: 144  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands West and Ollerton Corner Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh Ref: 131  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36

*Rhagonycha lignosa* (Müller, O.F., 1764)

Randall Jackson, A. 1912  
 Binding, A. and Binding, A.E. 1999  
 Drane, A.B. 2000  
 Drane, A.B. 2000  
 Denton, M.L. *et al* 2002  
 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  
 Alexander, K.N.A. 2009/2010  
 Alexander, K.N.A. 2009/2010  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2012  
 Pendleton, T.A. and Pendleton, D.T. 2012  
 Pendleton, T.A. and Pendleton, D.T. 2012  
 Pendleton, T.A. and Pendleton, D.T. 2013  
 Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh Ref: 1  
 Birklands and Bilhaugh Ref: 77  
 Birklands and Bilhaugh Ref: 75  
 Birklands and Bilhaugh / Proteus Sq Ref: 80  
 Birklands and Bilhaugh Ref: 35  
 Birklands and Bilhaugh Ref: 34  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh Ref: 111  
 Birklands West and Ollerton Corner Ref: 118  
 Birklands and Bilhaugh Ref: 117  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands West and Ollerton Corner Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 119  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Sherwood Heath Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

***Rhagonycha limbata* Thomson, C.G., 1864**

Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149

***Rhagonycha testacea* (Linnaeus, 1758)**

Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36

**Malthinus Latreille, 1806**

***Malthinus flaveolus* (Herbst, 1786)**

Kidson Taylor, J. and Tomlin, J.R. <i>le B.</i>	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

***Malthinus frontalis* (Marsham, 1802)**

Kidson Taylor, J. and Tomlin, J.R. <i>le B.</i>	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

***Malthinus seriepunctatus* Kiesenwetter, 1852**

Ryles, W.E. Kidson Taylor, J. and Tomlin, J.R. <i>le B.</i>	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119

**Malthodes Kiesenwetter, 1852**

***Malthodes fibulatus* Kiesenwetter, 1852**

Fowler	Birklands and Bilhaugh	Ref: 1
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***Malthodes fuscus* (Waltl, 1838)**

Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
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Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
<b><i>Malthodes marginatus</i> (Latreille, 1806)</b>		
Kidson Taylor, J. 1907	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 10
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner	Ref: 118
Musgrove, A. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 142
	Birklands West / Clipstone Old Qtr	Ref: 36
<b><i>Malthodes minimus</i> (Linnaeus, 1758)</b>		
1953	Birklands and Bilhaugh	Ref: 75
1981	Birklands and Bilhaugh	Ref: 75
<b><i>Malthodes pumilus</i> (Brébisson, 1835)</b>		
Beare, T.H. 1909	Birklands and Bilhaugh	Ref: 10
<b>Dermestidae Latreille, 1804</b>		
<b>Dermestes Linnaeus, 1758</b>		
<b><i>Dermestes murinus</i> Linnaeus, 1758</b>		
Ryles, W.E. Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Attagenus Latreille, 1802</b>		
<b><i>Attagenus pello</i> (Linnaeus, 1758)</b>		
Carr, J.W.	Birklands and Bilhaugh	Ref: 1
Dutton, A. and Dutton, C. 2006	Birklands and Bilhaugh	Ref: 74
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
<b>Megatoma Herbst, 1792</b>		
<b><i>Megatoma undata</i> (Linnaeus, 1758)</b>		
Fowler, Ryles, W.E. and Kidson Taylor, J. 1927	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 10
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 76
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 7
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Ctesias Stephens, 1830</b>		
<b><i>Ctesias serra</i> (Fabricius, 1792)</b>		
Hardy, J.R. 1868	Birklands and Bilhaugh	Ref: 1
1912	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Key, R.S. 1987	Birklands and Bilhaugh	Ref: 76
Fowles, A.P. 1988	Birklands and Bilhaugh	Ref: 76
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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 / Budby SF	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

## **Bostrichidae** Latreille, 1802

### **Lyctus** Fabricius, 1792

#### *Lyctus brunneus* (Stephens, 1830)

Hardy, R. J. 1913	Birklands and Bilhaugh	Ref: 10
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## **Ptinidae** Latreille, 1802

### **Hedobia** Dejean, 1821

#### *Hedobia imperialis* (Linnaeus, 1767)

Bedwell, E.C. 1916	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36

### **Ptinus** Linnaeus, 1767

#### *Ptinus fur* (Linnaeus, 1758)

Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149

#### *Ptinus subpilosus* Sturm, 1837

Birklands and Bilhaugh	Ref: 1
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### **Grynobius** Thomson, C. G. 1859

#### *Grynobium planus* (Fabricius, 1787)

Bedwell, E.C. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76

### **Dryophilus** Chevrolat, 1832

#### *Dryophilus pusillus* (Gyllenhal, 1808)

Ryles, W.E. 1899	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1909	Birklands and Bilhaugh	Ref: 10
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76

### **Ochina** Dejean, 1821

#### *Ochina ptinoides* (Marsham, 1802)

Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36

### **Xestobium** Motschulsky, 1845

#### *Xestobium rufovillosum* (De Geer, 1774)

Bratton, J.H. 1987	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Dutton, A. and Dutton, C. 2007	Birklands and Bilhaugh	Ref: 74
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Ernobius Thomson, C. G. 1859</b>		
<i>Ernobius mollis</i> (Linnaeus, 1758)		
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
<b>Stegobium Motschulsky, 1860</b>		
<i>Stegobium paniceum</i> (Linnaeus, 1758)		
Donisthorpe, H. 1907	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1907	Birklands and Bilhaugh	Ref: 10
<b>Anobium Fabricius, 1775</b>		
<i>Anobium fulvicorne</i> (Sturm, 1837)		
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<i>Anobium inexpectatum</i> Lohse, 1954		
Denton, M.L. et al 2002	Birklands and Bilhaugh / Proteus Sq	Ref: 35
<i>Anobium punctatum</i> (De Geer, 1774)		
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
<b>Ptilinus Geoffroy, 1762</b>		
<i>Ptilinus pectinicornis</i> (Linnaeus, 1758)		
Kidson Taylor, J. and Chaster, G.W. 1906	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
<b>Dorcatoma Herbst, 1792</b>		
<i>Dorcatoma chrysomelina</i> (Sturm, 1837)		
Kidson Taylor, J. and Chaster, G.W. 1906	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Skidmore, P. 1965	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
<i>Dorcatoma flavicornis</i> (Fabricius, 1792)		
Matthews, Rev. A. and Kidson Taylor, J. 1916	Birklands and Bilhaugh	Ref: 1
Skidmore, P. 1961	Birklands and Bilhaugh	Ref: 38
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 4
<b>Anitys Thomson, C. G. 1863</b>		
<i>Anitys rubens</i> (Hoffmann, J., 1803)		
Matthews, Rev. A. Fowler, Chaster, G.W. and Kidson Taylor, J. 1906	Birklands and Bilhaugh	Ref: 1
<b>Lymexylidae Fleming, 1821</b>		
<b>Hylecoetus Latreille, 1806</b>		
<i>Hylecoetus dermestoides</i> (Linnaeus, 1761)		
Fowler 1886	Birklands and Bilhaugh	Ref: 1
1916	Birklands and Bilhaugh	Ref: 1
Skidmore, P. 1962	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Wright, S. 1986	Birklands and Bilhaugh	Ref: 76
Dutton, A. and Dutton, C. 1997	Birklands and Bilhaugh	Ref: 74

Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Dutton, A. and Dutton, C. 2007	Birklands and Bilhaugh	Ref: 74
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
Dutton, A. and Dutton, C. 2010	Birklands and Bilhaugh	Ref: 74
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Heeney, W. 2017	Birklands and Bilhaugh	Ref: 144
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149

### Lymexylon Fabricius, 1775

#### *Lymexylon navale* (Linnaeus, 1758)

Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36

### Phloiophilidae Kiesenwetter, 1863

#### Phloiophilus Stephens, 1830

##### *Phloiophilus edwardsii* Stephens, 1830

Matthews, Rev. A.	Birklands and Bilhaugh	Ref: 1
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144

### Trogossitidae Latreille, 1802

#### Thymalus Latreille, 1802

##### *Thymalus limbatus* (Fabricius, 1787)

Kidson Taylor, J. 1868	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 4

### Cleridae Latreille, 1802

#### Thanasimus Latreille, 1806

##### *Thanasimus formicarius* **Ant Beetle** (Linnaeus, 1758)

Bedwell, E.C. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
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: 34
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36

### Necrobia Olivier, 1795

#### *Necrobia ruficollis* (Fabricius, 1775)

Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1
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<i>Necrobia rufipes</i> (De Geer, 1775)		
Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1
<i>Necrobia violacea</i> (Linnaeus, 1758)		
Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
<b>Dasytidae</b> Laporte, 1840		
<b>Aplocnemus</b> Stephens, 1830		
<i>Aplocnemus impressus</i> (Marsham, 1802)		
Kidson Taylor, J. and Chaster, G.W. 1906	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1924	Birklands and Bilhaugh	Ref: 10
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
<i>Aplocnemus nigricornis</i> (Fabricius, 1792)		
Kidson Taylor, J. and Chaster, G.W. 1906	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1924	Birklands and Bilhaugh	Ref: 10
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
<b>Dasytes</b> Paykull, 1799		
<i>Dasytes aeratus</i> Stephens, 1830		
1965	Birklands and Bilhaugh	Ref: 75
1988	Birklands and Bilhaugh	Ref: 75
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Dasytes plumbeus</i> (Müller, O.F., 1776)		
Hardy, J. and Ray 1870	Birklands and Bilhaugh	Ref: 1
<b>Malachiidae</b> Fleming, 1821		
<b>Axinotarsus</b> Motschulsky, 1853		
<i>Axinotarsus ruficollis</i> (Olivier, 1790)		
Beare, T.H. 1912	Birklands and Bilhaugh	Ref: 10
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
<b>Malachius</b> Fabricius, 1775		
<i>Malachius bipustulatus</i> <b>Malachite Beetle</b> (Linnaeus, 1758)		
Johnson, C. 1985	Birklands and Bilhaugh	
Whiteley, D. 1998	Birklands and Bilhaugh / Buck Gates	Ref: 79
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
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: 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 West / Clipstone Old Qtr	Ref: 36
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## **Sphindidae** Jacquelin de Val, 1860

### **Sphindus** Dejean, 1821

#### *Sphindus dubius* (Gyllenhal, 1808)

Kidson Taylor, J. 1870	Birklands and Bilhaugh	Ref: 1
Blatch, W.G. 1889	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Proteus Sq	Ref: 35
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35

### **Aspidiphorus** Dejean, 1821

#### *Aspidiphorus orbiculatus* (Gyllenhal, 1808)

Kidson Taylor, J. 1870	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75

## **Kateretidae** Kirby, 1837

### **Kateretes** Herbst, 1793

#### *Kateretes pedicularius* (Linnaeus, 1758)

Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
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#### *Kateretes pusillus* (Thunberg, 1794)

Fowler 1884	Birklands and Bilhaugh	Ref: 1
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### **Brachypterus** Kugelann, 1794

#### *Brachypterus glaber* (Stephens, 1832)

Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104

#### *Brachypterus urticae* **Nettle Pollen Beetle** (Fabricius, 1792)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
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## **Nitidulidae** Latreille, 1802

### **Carpophilus** Stephens, 1829

#### *Carpophilus marginellus* Motschulsky, 1858

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
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#### *Carpophilus mutilatus* Erichson, 1843

Hardy, R.	Birklands and Bilhaugh	Ref: 1
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#### *Carpophilus sexpustulatus* (Fabricius, 1792)

Morse, E.W. 1913	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1924	Birklands and Bilhaugh	Ref: 10
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Skidmore, P. 1962	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1963	Birklands West and Ollerton Corner	Ref: 38
Johnson, C. 1969	Birklands and Bilhaugh	Ref: 38
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
1981	Birklands and Bilhaugh	Ref: 33



## *Eपुरaea* Erichson, 1843

### *Eपुरaea aestiva* (Linnaeus, 1758)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36

### *Eपुरaea biguttata* (Thunberg, 1784)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1983	Birklands and Bilhaugh	Ref: 38
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

### *Eपुरaea guttata* (Olivier, 1811)

Fowler 1884	Birklands and Bilhaugh	Ref: 1
1899	Birklands and Bilhaugh	Ref: 1

### *Eपुरaea longula* Erichson, 1845

Fowler	Birklands and Bilhaugh	Ref: 1
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### *Eपुरaea marseuli* Reitter, 1872

Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Proteus Sq	Ref: 35
Lott, D.A. 2006	Birklands West / Clipstone Old Qtr	Ref: 80
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

### *Eपुरaea pallescens* (Stephens, 1835)

Kidson Taylor, J. 1906	Birklands and Bilhaugh	Ref: 1
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

### *Eपुरaea rufomarginata* (Stephens, 1830)

Fowler and Matthews, Rev. A. 1884	Birklands and Bilhaugh	Ref: 1
1899	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1963	Birklands and Bilhaugh	Ref: 38

### *Eपुरaea silacea* (Herbst, 1783)

Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
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### *Eपुरaea terminalis* Mannerheim, 1843

Skidmore, P. 1966	Birklands and Bilhaugh	Ref: 38
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## Meligethes Stephens, 1829

### *Meligethes aeneus* **Common Pollen Beetle** (Fabricius, 1775)

Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

### *Meligethes atratus* (Olivier, 1790)

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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<i>Meligethes difficilis</i> (Heer, 1841) Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
<i>Meligethes flavimanus</i> Stephens, 1830 Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<i>Meligethes morosus</i> Erichson, 1845 Blatch, W.G. 1903	Birklands and Bilhaugh	Ref: 1
<i>Meligethes nigrescens</i> Stephens, 1830 Kidson Taylor, J. 1906 Denton, M.L. et al 2002 Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 35 Ref: 131
<i>Meligethes ochropus</i> Sturm, 1845 Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
<i>Meligethes viridescens</i> (Fabricius, 1787) Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Nitidula Fabricius, 1775 <i>Nitidula bipunctata</i> (Linnaeus, 1758) Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<i>Nitidula carnaria</i> (Schaller, 1783) 1981	Birklands and Bilhaugh	Ref: 75
Omosita Erichson, 1843 <i>Omosita depressa</i> (Linnaeus, 1758) Blatch, W.G. 1886	Birklands and Bilhaugh	Ref: 1
<i>Omosita discoidea</i> (Fabricius, 1775) Denton, M.L. et al 2002 Denton, M.L. et al 2002 Denton, M.L. et al 2002	Birklands and Bilhaugh Birklands and Bilhaugh / Buck Gates Birklands and Bilhaugh / Proteus Sq	Ref: 35 Ref: 35 Ref: 35
Soronia Erichson, 1843 <i>Soronia grisea</i> (Linnaeus, 1758) Kidson Taylor, J. 1906 Lott, D.A. 1998	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 7
Cychramus Kugelann, 1794 <i>Cychramus luteus</i> (Fabricius, 1787) Blatch, W.G. Horner, Bedwell, E.C. Pegler, S. and Ryles, W.E. 1886 Denton, M.L. et al 2002 Denton, M.L. et al 2002 Pendleton, T.A. and Pendleton, D.T. 2008 Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Buck Gates Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 35 Ref: 35 Ref: 34 Ref: 131
Pocadius Erichson, 1843 <i>Pocadius adustus</i> Reitter, 1888 Denton, M.L. et al 2002 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 35 Ref: 36 Ref: 36
Cryptarcha Shuckard, 1839 <i>Cryptarcha strigata</i> (Fabricius, 1787) Tomlin, J.R. le B. Lott, D.A. 1998 Binding, A.E. and Binding, A. 2009 Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 76 Ref: 111 Ref: 131

## Glischrochilus Reitter, 1873

### *Glischrochilus hortensis* (Geoffroy in Fourcroy, 1785)

Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

### *Glischrochilus quadriguttatus* (Fabricius, 1777)

Blatch and Horner 1886	Birklands and Bilhaugh	Ref: 1
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

## Pityophagus Shuckard, 1839

### *Pityophagus ferrugineus* (Linnaeus, 1761)

Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111

## Monotomidae Laporte, 1840

### Rhizophagus Herbst, 1793

#### *Rhizophagus bipustulatus* (Fabricius, 1792)

Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1
Skidmore, P. 1962	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

#### *Rhizophagus cribratus* Gyllenhal, 1827

Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1963	Birklands and Bilhaugh	Ref: 38

Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
<i>Rhizophagus depressus</i> (Fabricius, 1792)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Rhizophagus dispar</i> (Paykull, 1800)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1924	Birklands and Bilhaugh	Ref: 10
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh / Buck Gates	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Heeney, W. 2014	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Rhizophagus fenestralis</i> (Linnaeus, 1758)		
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Rhizophagus ferrugineus</i> (Paykull, 1800)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1924	Birklands and Bilhaugh	Ref: 10
Johnson, C. 1989	Birklands and Bilhaugh	Ref: 38
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Rhizophagus nitidulus</i> (Fabricius, 1798)		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
1906	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1983	Birklands and Bilhaugh	Ref: 38
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
<i>Rhizophagus oblongicollis</i> Blatch & Horner, 1892		
Blatch, W.G. 1889	Birklands and Bilhaugh	Ref: 1
<i>Rhizophagus parallelocollis</i> Gyllenhal, 1827		
Fowler	Birklands and Bilhaugh	Ref: 1
<i>Rhizophagus perforatus</i> Erichson, 1845		
Blatch, W.G. 1889	Birklands and Bilhaugh	Ref: 1
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
<i>Rhizophagus picipes</i> (Olivier, 1790)		
Blatch, W.G. 1885	Birklands and Bilhaugh	Ref: 1

<b>Monotoma</b> Herbst, 1793		
<i>Monotoma bicolor</i> (Villa & Villa, 1835)		
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Monotoma conicicollis</i> Guérin-Méneville, 1837		
Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
<i>Monotoma longicollis</i> (Gyllenhal, 1827)		
Blatch, W.G. 1899	Birklands and Bilhaugh	Ref: 1
<i>Monotoma testacea</i> Motschulsky, 1845		
Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
<b>Silvanidae</b> Kirby, 1837		
<b>Uleiota</b> Latreille, 1796		
<i>Uleiota planata</i> (Linnaeus, 1761)		
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh / Buck Gates	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Oryzaephilus</i> Ganglbauer, 1899		
<i>Oryzaephilus surinamensis</i> <b>Saw-toothed Grain Beetle</b> (Linnaeus, 1758)		
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
<b>Silvanus</b> Latreille, 1804		
<i>Silvanus bidentatus</i> (Fabricius, 1792)		
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Silvanus unidentatus</i> (Olivier, 1790)		
Skidmore, P. 1961	Birklands West and Ollerton Corner	Ref: 38
Skidmore, P. 1962	Birklands West and Ollerton Corner	Ref: 38
Skidmore, P. 1963	Birklands West and Ollerton Corner	Ref: 38
Johnson, C. 1963	Birklands West and Ollerton Corner	Ref: 38
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Cucujidae</b> Latreille, 1802		
<b>Pediacus</b> Shuckard, 1839		
<i>Pediacus dermestoides</i> (Fabricius, 1792)		
Bedwell, E.C. Chaster, G.W. Fowler and Tomlin, J.R. le B. 1906	Birklands and Bilhaugh	Ref: 1
1916	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1924	Birklands and Bilhaugh	Ref: 10
Skidmore, P. 1962	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1964	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1986	Birklands and Bilhaugh	Ref: 15
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36

## Laemophloeidae Ganglbauer, 1899

Cryptolestes Ganglbauer, 1899

*Cryptolestes duplicatus* (Waltl, 1839)

Pendleton, T.A. 2020

Birklands and Bilhaugh

Ref: 36

## Phalacridae Leach, 1815

Olibrus Erichson, 1845

*Olibrus aeneus* (Fabricius, 1792)

Drane, A.B. 2000

Marsh, B. 2003

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2015

Pendleton, T.A. and Pendleton, D.T. 2016

Pendleton, T.A. and Pendleton, D.T. 2017

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh / Proteus Sq

Ref: 80

Birklands West / Sherwood Heath

Ref: 105

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 119

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 36

Birklands and Bilhaugh

Ref: 36

Birklands West and Ollerton Corner

Ref: 36

Birklands West / Sherwood Heath

Ref: 36

*Olibrus corticalis* (Panzer, 1796)

Tomlin, J.R. le B.

Pendleton, T.A. and Pendleton, D.T. 2012

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh

Ref: 1

Birklands West / Sherwood Heath

Ref: 36

Birklands and Bilhaugh

Ref: 36

Stilbus Seidlitz, 1872

*Stilbus testaceus* (Panzer, 1796)

Chaster, G.W. Kidson Taylor, J. and Tomlin, J.R. le B.

Binding, A. and Binding, A.E. 1999

Drane, A.B. 2000

Denton, M.L. et al 2002

Godfrey, A. 2003

Marsh, B. 2003

Godfrey, A. 2006

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 77

Birklands and Bilhaugh / Proteus Sq

Ref: 80

Birklands and Bilhaugh

Ref: 35

Birklands West / Sherwood Heath

Ref: 104

Birklands West / Sherwood Heath

Ref: 105

Birklands West / Sherwood Heath

Ref: 108

Birklands and Bilhaugh / Budby SF

Ref: 36

## Cryptophagidae Kirby, 1837

Telmatophilus Heer, 1841

*Telmatophilus caricis* (Olivier, 1790)

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 130

Henoticus Thomson, C. G. 1868

*Henoticus serratus* (Gyllenhal, 1808)

Kidson Taylor, J. 1868

1889

Lott, D.A. 1998

Lott, D.A. 1998

Drane, A.B. 2000

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 1

Birklands West and Ollerton Corner

Ref: 7

Birklands and Bilhaugh

Ref: 7

Birklands and Bilhaugh

Ref: 75

Birklands and Bilhaugh

Ref: 131

Cryptophagus Herbst, 1792

*Cryptophagus dentatus* (Herbst, 1793)

Kidson Taylor, J. 1903

Lott, D.A. 1998

Drane, A.B. 2000

Drane, A.B. 2000

Denton, M.L. et al 2002

Denton, M.L. et al 2002

Alexander, K.N.A. 2009/2010

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 75

Birklands and Bilhaugh / Proteus Sq

Ref: 80

Birklands and Bilhaugh

Ref: 75

Birklands and Bilhaugh / Buck Gates

Ref: 35

Birklands and Bilhaugh

Ref: 35

Birklands West and Ollerton Corner

Ref: 118

*Cryptophagus denticulatus* Heer, 1841

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018

Birklands and Bilhaugh

Ref: 131

*Cryptophagus distinguendus* Sturm, 1845

Kidson Taylor, J. 1903

Birklands and Bilhaugh

Ref: 1

Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Cryptophagus lycoperdi</i> (Scopoli, 1763)		
Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
<i>Cryptophagus parallelus</i>		
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
<i>Cryptophagus pubescens</i> Sturm, 1845		
Fowler	Birklands and Bilhaugh	Ref: 1
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Cryptophagus ruficornis</i> Stephens, 1830		
Chaster, G.W.	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1924	Birklands and Bilhaugh	Ref: 10
<i>Cryptophagus scanicus</i> (Linnaeus, 1758)		
Kidson Taylor, J. 1907	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Cryptophagus scutellatus</i> Newman, 1834		
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<i>Cryptophagus setulosus</i> Sturm, 1845		
Kidson Taylor, J. 1906	Birklands and Bilhaugh	Ref: 1
Micrambe Thomson, C. G. 1863		
<i>Micrambe ulicis</i> (Stephens, 1830)		
Bedwell, E.C. and Kidson Taylor, J. 1981	Birklands and Bilhaugh	Ref: 1
Bedwell, E.C. and Kidson Taylor, J. 1981	Birklands and Bilhaugh	Ref: 75
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Antherophagus Dejean, 1821		
<i>Antherophagus pallens</i> (Linnaeus, 1758)		
Blatch, W.G. 1886	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
<i>Antherophagus similis</i> Curtis, 1835		
Golding, J. 1899	Birklands and Bilhaugh	Ref: 1
Atomaria Stephens, 1829		
<i>Atomaria apicalis</i> Erichson, 1846		
Kidson Taylor, J. 1906	Birklands and Bilhaugh	Ref: 1
<i>Atomaria fuscata</i> (Schönherr, 1808)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Atomaria lewisi</i> Reitter, 1877		
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

<i>Atomaria linearis</i> <b>Pygmy Beetle</b> Stephens, 1830		
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<i>Atomaria morio</i> Kolenati, 1846		
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
<i>Atomaria nigriventris</i> Stephens, 1830		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<i>Atomaria nitidula</i> (Marshall, 1802)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Atomaria pulchra</i> Erichson, 1846		
1904	Birklands and Bilhaugh	Ref: 1
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
<i>Atomaria strandi</i> Johnson, 1967		
Blatch, W.G. 1889	Birklands and Bilhaugh	Ref: 1
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Proteus Sq	Ref: 35
<i>Atomaria testacea</i> Stephens, 1830		
Blatch, W.G. 1899	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
<i>Atomaria vespertina</i> Mäklin, 1853		
Kidson Taylor, J. 1904	Birklands and Bilhaugh	Ref: 1
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Proteus Sq	Ref: 35
<i>Ephistemus</i> Stephens, 1829		
<i>Ephistemus globulus</i> (Paykull, 1798)		
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
<b>Erotylidae</b> Latreille, 1802		
<b>Dacne</b> Latreille, 1796		
<i>Dacne bipustulata</i> (Thunberg, 1781)		
Skidmore, P. 1962	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1986	Birklands and Bilhaugh	Ref: 76
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<i>Dacne rufifrons</i> (Fabricius, 1775)		
Chaster, G.W. Kidson Taylor, J. and Tomlin, J.R. <i>le B.</i>	Birklands and Bilhaugh	Ref: 1
<b>Triplax</b> Herbst, 1793		
<i>Triplax aenea</i> (Schaller, 1783)		
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Triplax russica</i> (Linnaeus, 1758)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Skidmore, P. 1961	Birklands and Bilhaugh	Ref: 38
Skidmore, P. 1961	Birklands West and Ollerton Corner	Ref: 38
Foster, A.P. 1987	Birklands and Bilhaugh	Ref: 76
Johnson, C. 1989	Birklands and Bilhaugh	Ref: 38
Alexander, K.N.A. 1994	Birklands and Bilhaugh	Ref: 76
Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Binding, A.E. 1995	Birklands and Bilhaugh	Ref: 77
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77



Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Whiteley, D. 2003	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh / Budby SF	Ref: 149

### Tritoma Fabricius, 1775

#### *Tritoma bipustulata* Fabricius, 1775

Kidson Taylor, J. 1868	Birklands and Bilhaugh	Ref: 1
Skidmore, P. 1962	Birklands and Bilhaugh	Ref: 38
Hunter, F.A.	Birklands and Bilhaugh	Ref: 76
Johnson, C. 1985	Birklands and Bilhaugh	Ref: 38
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Proteus Sq	Ref: 35

### Byturidae Gistel, 1848

#### Byturus Latreille, 1796

#### *Byturus ochraceus* (Scriba, 1790)

Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Heeney, W. 2017	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

#### *Byturus tomentosus* **Raspberry Beetle** (De Geer, 1774)

Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Musgrove, A. 017	Birklands and Bilhaugh	Ref: 142
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

### Biphyllidae LeConte, 1861

#### Biphyllus Dejean, 1821

#### *Biphyllus lunatus* (Fabricius, 1787)

Skidmore, P. 1963	Birklands West and Ollerton Corner	Ref: 38
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## Bothrideridae Erichson, 1845

### Teredus Dejean, 1835

#### *Teredus cylindricus* (Olivier, 1790)

1884	Birklands and Bilhaugh	Ref: 1
Hunter, F.A. 1962	Birklands West and Ollerton Corner	Ref: 38
Clarke, R.O. 1964	Birklands and Bilhaugh	Ref: 13
2001	Birklands and Bilhaugh	Ref: 78
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

### Oxylaemus Erichson, 1845

#### *Oxylaemus cylindricus* (Creutzer in Panzer, 1796)

Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
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## Cerylonidae Billberg, 1820

### Cerylon Latreille, 1802

#### *Cerylon ferrugineum* Stephens, 1830

Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Skidmore, P. 1962	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1986	Birklands and Bilhaugh	Ref: 76
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drevitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

#### *Cerylon histeroides* (Fabricius, 1792)

Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Endomychidae Leach, 1815

### Endomychus Panzer, 1795

#### *Endomychus coccineus* (Linnaeus, 1758)

Hodge, P. 1978	Birklands and Bilhaugh	Ref: 79
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Rogers, R. 2007	Birklands and Bilhaugh	Ref: 71
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36

## Coccinellidae Latreille, 1807

### Coccidula Kugelann in Illiger, 1798

#### *Coccidula rufa* (Herbst, 1783)

Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
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### Rhyzobius Stephens, 1829

#### *Rhyzobius litura* (Fabricius, 1787)

Kidson Taylor, J. and Tomlin, J.R. <i>le B.</i>	Birklands and Bilhaugh	Ref: 1
Bedwell, E.C.	Birklands and Bilhaugh	Ref: 10
Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

### Scymnus Kulelann, 1794

#### *Scymnus auritus* Thunberg, 1795

Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
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#### *Scymnus femoralis* (Gyllenhal, 1827)

Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105

#### *Scymnus frontalis* (Fabricius, 1787)

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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#### *Scymnus haemorrhoidalis* Herbst, 1797

Tomlin, J.R. <i>le B.</i>	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104

#### *Scymnus nigrinus* Kugelann, 1794

Bedwell, E.C. and Chaster, G.W.	Birklands and Bilhaugh	Ref: 1
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#### *Scymnus schmidtii* Fürsch, 1958

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117

#### *Scymnus suturalis* Thunberg, 1795

Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36

### Nephus Mulsant, 1846

#### *Nephus redtenbacheri* (Mulsant, 1846)

Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108

### Platynaspis Redtenbacher, 1843

#### *Platynaspis luteorubra* (Goeze, 1777)

Fowler 1899	Birklands and Bilhaugh	Ref: 1
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### Chilocorus Leach, 1815

#### *Chilocorus bipustulatus* **Heather Ladybird** (Linnaeus, 1758)

Fowler 1907	Birklands and Bilhaugh	Ref: 1
Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh / Budby SF	Ref: 36
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

#### *Chilocorus renipustulatus* **Kidney-spot Ladybird** (Scriba, 1791)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2006	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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36

### Exochomus Redtenbacher, 1843

#### *Exochomus quadripustulatus* **Pine Ladybird** (Linnaeus, 1758)

Pegler, S.	Birklands and Bilhaugh	Ref: 1
Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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. 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. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
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
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36

## Anisosticta Dejean, 1836

### *Anisosticta novemdecimpunctata* **Water Ladybird** (Linnaeus, 1758)

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 130

## Tytthaspis Crotch, 1874

### *Tytthaspis sedecimpunctata* **16-spot Ladybird** (Linnaeus, 1761)

Godfrey, A. 2003

Birklands West / Sherwood Heath

Ref: 104

Marsh, B. 2003

Birklands West / Sherwood Heath

Ref: 105

Godfrey, A. 2006

Birklands West / Sherwood Heath

Ref: 108

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

Binding, A.E. and Binding, A. 2009

Birklands and Bilhaugh

Ref: 111

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh / Budby SF

Ref: 119

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Budby SF

Ref: 119

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands West / Sherwood Heath

Ref: 36

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. *et al* 2018

Birklands and Bilhaugh

Ref: 131

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. 2020

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. 2020

Birklands and Bilhaugh

Ref: 36

## Myzia Mulsant, 1846

### *Myzia oblongoguttata* **Striped Ladybird** (Linnaeus, 1758)

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 / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands West and Ollereton Corner

Ref: 36

## Myrrha Mulsant, 1846

### *Myrrha octodecimguttata* **18-spot Ladybird** (Linnaeus, 1758)

Kidson Taylor, J.

Birklands and Bilhaugh

Ref: 1

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2015

Birklands West / Clipstone Old Qtr

Ref: 36

## Propylea Mulsant, 1846

### *Propylea quattuordecimpunctata* **14-spot Ladybird** (Linnaeus, 1758)

Fowler and Kidson Taylor, J.

Birklands and Bilhaugh

Ref: 1

Lazenby, A. 1989

Birklands West / Sherwood Heath

Ref: 79

Binding, J. and Harris, A. 1995

Birklands and Bilhaugh

Ref: 77

Binding, A. and Binding, A.E. 1999

Birklands and Bilhaugh

Ref: 77

Drane, A.B. 2000

Birklands and Bilhaugh

Ref: 75

Drane, A.B. 2000

Birklands and Bilhaugh / Proteus Sq

Ref: 80

Denton, M.L. *et al* 2002

Birklands and Bilhaugh

Ref: 35

Godfrey, A. 2003

Birklands West / Sherwood Heath

Ref: 104

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

Birklands West / Clipstone Old Qtr

Ref: 36

Godfrey, A. 2006

Birklands West / Sherwood Heath

Ref: 108

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

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

Binding, A.E. and Binding, A. 2009

Birklands and Bilhaugh

Ref: 111

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

Birklands West / Sherwood Heath

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

Alexander, K.N.A. 2009/2010

Birklands West and Ollereton Corner

Ref: 118

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh / Budby SF

Ref: 119

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West and Ollereton Corner

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Watson, C. 2018	Birklands and Bilhaugh	Ref: 159
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

### Calvia Mulsant, 1846

#### *Calvia quattuordecimguttata* **Cream-spot Ladybird** (Linnaeus, 1758)

Brackenbury, A. 1989	Birklands and Bilhaugh	Ref: 1
Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 79
Denton, M.L. et al 2002	Birklands West / Sherwood Heath	Ref: 132
Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 34
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Whiteley, D. 2018	Birklands and Bilhaugh / Budby SF	Ref: 143
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

### Halyzia Mulsant, 1846

#### *Halyzia sedecimguttata* **Orange Ladybird** (Linnaeus, 1758)

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. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Heeney, W. 2017	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Watson, C. 2017	Birklands and Bilhaugh	Ref: 159

Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36

### Psyllobora Dejean, 1836

#### *Psyllobora vigintiduopunctata* **22-spot Ladybird** (Linnaeus, 1758)

Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Whiteley, D. 2001	Birklands West / Sherwood Heath	Ref: 79
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: 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 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 / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

### Anatis Mulsant, 1846

#### *Anatis ocellata* **Eyed Ladybird** (Linnaeus, 1758)

Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 10
Denton, M.L. et al 2002	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
Clough, J 2007	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 72
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

### Aphidecta Weise, 1899

#### *Aphidecta oblitterata* **Larch Ladybird** (Linnaeus, 1758)

Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Proteus Sq	Ref: 80
	Birklands and Bilhaugh / Budby SF	Ref: 36

### Hippodamia Dejean, 1836

#### *Hippodamia variegata* **Adonis' Ladybird** (Goeze, 1777)

Lazenby, A. 1989	Birklands West / Sherwood Heath	Ref: 79
Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Whiteley, D. 2000	Birklands and Bilhaugh / Budby SF	Ref: 79
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 36
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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. 2009	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 and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2012  
 Pendleton, T.A. and Pendleton, D.T. 2018

Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 119  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Sherwood Heath Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh Ref: 36

### Coccinella Linnaeus, 1758

#### *Coccinella hieroglyphica* Hieroglyphic Ladybird Linnaeus, 1758

Tomlin, J.R. le B.  
 1921  
 Wright, S. 1989

Birklands and Bilhaugh Ref: 1  
 Birklands and Bilhaugh Ref: 10  
 Birklands and Bilhaugh / Budby SF Ref: 124

#### *Coccinella septempunctata* 7-spot Ladybird Linnaeus, 1758

Carr, J.W.  
 Brackenbury, A. 1989  
 Wright, S. and Paul, C. 1994  
 Binding, A. and Binding, A.E. 1999  
 Drane, A.B. 2000  
 Drane, A.B. 2000  
 Denton, M.L. et al 2002  
 Godfrey, A. 2003  
 Pendleton, T.A. and Pendleton, D.T. 2005  
 Pendleton, T.A. and Pendleton, D.T. 2006  
 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. 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. 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  
 Binding, A.E. and Binding, A. 2009  
 Pendleton, T.A. and Pendleton, D.T. 2009  
 Pendleton, T.A. and Pendleton, D.T. 2009  
 Alexander, K.N.A. 2009/2010  
 Pendleton, T.A. and Pendleton, D.T. 2010  
 Pendleton, T.A. and Pendleton, D.T. 2010  
 Pendleton, T.A. and Pendleton, D.T. 2010  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2012  
 Pendleton, T.A. and Pendleton, D.T. 2012  
 Pendleton, T.A. and Pendleton, D.T. 2012  
 Pendleton, T.A. and Pendleton, D.T. 2012  
 Pendleton, T.A. and Pendleton, D.T. 2012  
 Pendleton, T.A. and Pendleton, D.T. 2013  
 Pendleton, T.A. and Pendleton, D.T. 2013  
 Pendleton, T.A. and Pendleton, D.T. 2013  
 Pendleton, T.A. and Pendleton, D.T. 2013  
 Pendleton, T.A. and Pendleton, D.T. 2014  
 Pendleton, T.A. and Pendleton, D.T. 2014  
 Pendleton, T.A. and Pendleton, D.T. 2014  
 Heeney, W. 2015  
 Pendleton, T.A. and Pendleton, D.T. 2015  
 Pendleton, T.A. and Pendleton, D.T. 2015  
 Skinner, M. 2015  
 Pendleton, T.A. and Pendleton, D.T. 2016  
 Pendleton, T.A. and Pendleton, D.T. 2016  
 Pendleton, T.A. and Pendleton, D.T. 2016  
 Pendleton, T.A. and Pendleton, D.T. 2016

Birklands and Bilhaugh Ref: 1  
 Birklands West / Sherwood Heath Ref: 79  
 Birklands West / Sherwood Heath Ref: 132  
 Birklands and Bilhaugh Ref: 77  
 Birklands and Bilhaugh Ref: 75  
 Birklands and Bilhaugh / Proteus Sq Ref: 80  
 Birklands and Bilhaugh Ref: 35  
 Birklands West / Sherwood Heath Ref: 104  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Sherwood Heath Ref: 108  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh Ref: 34  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands West / Sherwood Heath Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh Ref: 111  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Sherwood Heath Ref: 36  
 Birklands West and Ollerton Corner Ref: 118  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands West / Sherwood Heath Ref: 36  
 Birklands West and Ollerton Corner Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands West and Ollerton Corner Ref: 36  
 Birklands West / Sherwood Heath Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Sherwood Heath Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Sherwood Heath Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands and Bilhaugh Ref: 144  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands West / Sherwood Heath Ref: 36  
 Birklands and Bilhaugh Ref: 141  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36



Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Case, C. 2017	Birklands and Bilhaugh	Ref: 151
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Watson, C. 2017	Birklands and Bilhaugh	Ref: 159
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Parker, A. 2018	Birklands and Bilhaugh	Ref: 151
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands West / Sherwood Heath	Ref: 36

*Coccinella undecimpunctata* **11-spot Ladybird** Linnaeus, 1758

Kidson Taylor, J. and Carr, J.W.	Birklands and Bilhaugh	Ref: 1
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*Adalia Mulsant*, 1846

*Adalia bipunctata* **2-spot Ladybird** (Linnaeus, 1758)

Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2005	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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: 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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36

*Adalia decempunctata* **10-spot Ladybird** (Linnaeus, 1758)

Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36

*Harmonia Mulsant*, 1846

*Harmonia axyridis* **Harlequin Ladybird** (Pallas, 1773)

Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
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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: 34
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 and Bilhaugh	Ref: 36
Pyke, M. 2009	Birklands and Bilhaugh	Ref: 99
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Boroff, A. 2010	Birklands and Bilhaugh	Ref: 70
Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Maloney, S. 2017	Birklands and Bilhaugh	Ref: 151
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Watson, C. 2017	Birklands and Bilhaugh	Ref: 159
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Parker, A. 2018	Birklands and Bilhaugh	Ref: 151
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Harmonia quadripunctata* **Cream-streaked Ladybird** (Pontoppidan, 1763)

Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1964	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1973	Birklands and Bilhaugh	Ref: 38
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. 2007	Birklands and Bilhaugh / Budby SF	Ref: 36
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 / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Whiteley, D. 2018	Birklands and Bilhaugh / Budby SF	Ref: 143
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

**Subcoccinella** Guérin-Méneville, 1844

*Subcoccinella vigintiquatuor punctata* **24-spot Ladybird** (Linnaeus, 1758)

Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018

Pendleton, T.A. 2020

Birklands and Bilhaugh

Ref: 149

Birklands West / Sherwood Heath

Ref: 36

**Corylophidae** LeConte, 1852

**Orthoperus** Stephens, 1829

*Orthoperus atomarius* (Heer, 1841)

Birklands and Bilhaugh

Ref: 1

*Orthoperus atomus* (Gyllenhal, 1808)

1907

Birklands and Bilhaugh

Ref: 1

*Orthoperus brunnipes* (Gyllenhal, 1808)

Matthews, Rev. A. and Fowler 1916

Birklands and Bilhaugh

Ref: 1

*Orthoperus corticalis* (Redtenbacher, 1849)

Matthews, Rev. A. and Fowler 1916

Birklands and Bilhaugh

Ref: 1

*Orthoperus nigrescens* Stephens, 1829

Drane, A.B. 2000

Birklands and Bilhaugh

Ref: 75

**Latridiidae** Erichson, 1842

**Stephostethus** LeConte, 1878

*Stephostethus lardarius* (De Geer, 1775)

Tomlin, J.R. le B.

Godfrey, A. 2003

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 1

Birklands West / Sherwood Heath

Ref: 104

Birklands West / Clipstone Old Qtr

Ref: 36

Birklands and Bilhaugh

Ref: 36

**Cartodere** Thomson, C.G. 1859

*Cartodere bifasciata* (Reitter, 1877)

Lott, D.A. 1998

Lott, D.A. 1998

Binding, A. and Binding, A.E. 1999

Drane, A.B. 2000

Denton, M.L. et al 2002

Godfrey, A. 2003

Marsh, B. 2003

Godfrey, A. 2006

Pendleton, T.A. and Pendleton, D.T. 2010

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018

Pendleton, T.A. 2020

Birklands and Bilhaugh

Ref: 75

Birklands West and Ollerton Corner

Ref: 80

Birklands and Bilhaugh

Ref: 77

Birklands and Bilhaugh / Proteus Sq

Ref: 80

Birklands and Bilhaugh

Ref: 35

Birklands West / Sherwood Heath

Ref: 104

Birklands West / Sherwood Heath

Ref: 105

Birklands West / Sherwood Heath

Ref: 108

Birklands and Bilhaugh / Budby SF

Ref: 36

Birklands and Bilhaugh

Ref: 131

Birklands and Bilhaugh

Ref: 36

*Cartodere nodifer* (Westwood, 1839)

Kidson Taylor, J. and Tomlin, J.R. le B.

Lott, D.A. 1998

Lott, D.A. 1998

Drane, A.B. 2000

Drane, A.B. 2000

Denton, M.L. et al 2002

Alexander, K.N.A. 2009/2010

Pendleton, T.A. and Pendleton, D.T. 2014

Pendleton, T.A. and Pendleton, D.T. 2017

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018

Pendleton, T.A. 2020

Pendleton, T.A. 2020

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 75

Birklands West and Ollerton Corner

Ref: 80

Birklands and Bilhaugh

Ref: 75

Birklands and Bilhaugh / Proteus Sq

Ref: 80

Birklands and Bilhaugh

Ref: 35

Birklands and Bilhaugh

Ref: 117

Birklands West / Clipstone Old Qtr

Ref: 36

Birklands West / Clipstone Old Qtr

Ref: 36

Birklands and Bilhaugh

Ref: 131

Birklands and Bilhaugh

Ref: 36

Birklands West / Clipstone Old Qtr

Ref: 36

**Latridius** Herbst, 1793

*Latridius consimilis* Mannerheim, 1844

Bedwell, E.C. 1929

Nicholson, G.W. 1929

Johnson, C. 1985

Denton, M.L. et al 2002

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 10

Birklands and Bilhaugh

Ref: 38

Birklands and Bilhaugh / Buck Gates

Ref: 35

Denton, M.L. et al 2002	Birklands and Bilhaugh / Proteus Sq	Ref: 35
<i>Latridius porcatus</i> Herbst, 1793		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<b>Enicmus Thomson, C. G. 1859</b>		
<i>Enicmus brevicornis</i> (Mannerheim, 1844)		
1916	Birklands and Bilhaugh	Ref: 1
<i>Enicmus fungicola</i> Thomson, C.G., 1868		
Johnson, C. 1970	Birklands and Bilhaugh	Ref: 38
<i>Enicmus histrio</i> Joy & Tomlin, 1910		
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
<i>Enicmus rugosus</i> (Herbst, 1793)		
Matthews, Rev. A. and Fowler	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1924	Birklands and Bilhaugh	Ref: 10
Johnson, C. 1970	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1977	Birklands and Bilhaugh	Ref: 38
Drane, A.B. 1984	Birklands and Bilhaugh	Ref: 76
Johnson, C. 1989	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Enicmus testaceus</i> (Stephens, 1830)		
Kidson Taylor, J. and Chaster, G.W. 1905	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1970	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<i>Enicmus transversus</i> (Olivier, 1790)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<b>Dienerella Reitter, 1911</b>		
<i>Dienerella clathrata</i> (Mannerheim, 1844)		
Johnson, C. 1983	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1985	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1989	Birklands and Bilhaugh	Ref: 38
<i>Deinerella filiformis</i> (Gyllenhal, 1827)		
Fowler	Birklands and Bilhaugh	Ref: 1
<i>Deinerella vincenti</i> Johnson, 2007		
Fowler	Birklands and Bilhaugh	Ref: 1
1983	Birklands and Bilhaugh	Ref: 75
1985	Birklands and Bilhaugh	Ref: 75
1989	Birklands and Bilhaugh	Ref: 75
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
<b>Corticaria Marsham, 1802</b>		
<i>Corticaria alleni</i> Johnson, 1974		
Johnson, C. 1970	Birklands and Bilhaugh	Ref: 45
Johnson, C. 1977	Birklands and Bilhaugh	Ref: 45
<i>Corticaria crenulata</i> (Gyllenhal, 1827)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<i>Corticaria fulva</i> (Comolli, 1837)		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1

<i>Corticaria dubia</i> Dajoz, 1970		
Tomlin, J.R. le B. 1905	Birklands and Bilhaugh	Ref: 1
<i>Corticaria ferruginea</i> Marsham, 1802		
Denton, M.L. et al 2002	Birklands and Bilhaugh / Proteus Sq	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
<i>Corticaria impressa</i> (Olivier, 1790)		
Blatch, W.G. 1889	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Corticaria longicollis</i> (Zetterstedt, 1838)		
Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 46
Johnson, C. 1977	Birklands and Bilhaugh	Ref: 46
Johnson, C. 1983	Birklands and Bilhaugh	Ref: 46
Johnson, C. 1989	Birklands and Bilhaugh	Ref: 46
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
<i>Corticaria punctulata</i> Marsham, 1802		
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
<i>Corticaria rubripes</i> Mannerheim, 1844		
Johnson, C. 1989	Birklands and Bilhaugh	Ref: 38
<i>Corticaria serrata</i> (Paykull, 1798)		
Beare, T.H. 1924	Birklands and Bilhaugh	Ref: 10
Johnson, C. 1977	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1984	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1985	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
<i>Corticarina</i> Reitter, 1880		
<i>Corticarina minuta</i> (Fabricius, 1792)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
<i>Corticinara</i> Johnson, 1975		
<i>Corticinara gibbosa</i> (Herbst, 1793)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Mycetophagidae</b> Leach, 1815		
<i>Pseudotriphyllus</i> Reitter, 1880		
<i>Pseudotriphyllus suturalis</i> (Fabricius, 1801)		
Kidson Taylor, J. 1868	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80

Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

### Triphyllus Dejean, 1821

#### *Triphyllus punctatus* (Fabricius, 1777)

Kidson Taylor, J. 1868	Birklands and Bilhaugh	Ref: 1
1903	Birklands and Bilhaugh	Ref: 78
Skidmore, P. 1961	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1964	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1984	Birklands and Bilhaugh	Ref: 38
Hunter, F.A.	Birklands and Bilhaugh	Ref: 76
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

### Litargus Erichson, 1846

#### *Litargus balteatus* LeConte, 1856

Tomlin, J.R. le B. 1908	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36

#### *Litargus connexus* (Geoffroy in Fourcroy, 1785)

Beare, T.H. 1924	Birklands and Bilhaugh	Ref: 10
Skidmore, P. 1961	Birklands and Bilhaugh	Ref: 38
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117

### Mycetophagus Hellwig, 1792

#### *Mycetophagus multipunctatus* Fabricius, 1792

Kirby, P. 1987	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35

#### *Mycetophagus piceus* (Fabricius, 1777)

Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1
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#### *Mycetophagus quadriguttatus* Müller, P.W.J., 1821

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
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#### *Mycetophagus quadripustulatus* (Linnaeus, 1761)

Fowler, Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
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### Typhaea Stephens, 1829

#### *Typhaea stercorea* **Hairy Fungus Beetle** (Linnaeus, 1758)

Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Proteus Sq	Ref: 35

### Ciidae Leach, 1819

#### Octotemnus Mellié, 1847

#### *Octotemnus glabriculus* (Gyllenhal, 1827)

Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1983	Birklands and Bilhaugh	Ref: 38
Drane, A.B. 2000	Birklands West and Ollerton Corner	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Sulcasis Dury, 1917</b>		
<i>Sulcasis affinis</i> (Gyllenhal, 1827)		
Johnson, C. 1964	Birklands and Bilhaugh	Ref: 38
<b>Orthocis Casey, 1898</b>		
<i>Orthocis alni</i> (Gyllenhal, 1813)		
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
<b>Cis Latreille, 1796</b>		
<i>Cis bidentatus</i> (Olivier, 1790)		
Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
<b><i>Cis bilamellatus</i> Wood, 1884</b>		
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<b><i>Cis boleti</i> (Scopoli, 1763)</b>		
Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands West and Ollerton Corner	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<b><i>Cis castaneus</i> (Herbst, 1793)</b>		
Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1986	Birklands and Bilhaugh	Ref: 79
Key, R.S. 1987	Birklands and Bilhaugh	Ref: 76
Lazenby, A. 1989	Birklands West / Sherwood Heath	Ref: 79
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<b><i>Cis fagi</i> Waltl, 1839</b>		
Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1977	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1984	Birklands and Bilhaugh	Ref: 38
<b><i>Cis festivus</i> (Panzer, 1793)</b>		
Blatch, W.G. and Homer 1886	Birklands and Bilhaugh	Ref: 1
1905	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7

Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Denton, M.L. et al 2001	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<b><i>Cis hispidus</i> (Paykull, 1798)</b>		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1969	Birklands and Bilhaugh	Ref: 38
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
<b><i>Cis micans</i> (Fabricius, 1792)</b>		
Chaster, G.W. Fowler and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<b><i>Cis pygmaeus</i> (Marsham, 1802)</b>		
Kidson Taylor, J. 1904	Birklands and Bilhaugh	Ref: 1
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<b><i>Cis vestitus</i> (Mellié, 1849)</b>		
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Drane, A.B. 2000	Birklands West and Ollerton Corner	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<b>Ennearthron Mellie, 1847</b>		
<b><i>Ennearthron comutum</i> (Gyllenhal, 1827)</b>		
Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
<b>Tetratomidae Billberg, 1820</b>		
<b>Hallomenus Panzer, 1793</b>		
<b><i>Hallomenus binotatus</i> (Quensel, 1790)</b>		
Kidson Taylor, J. 1907	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1970	Birklands and Bilhaugh	Ref: 38
Hunter, F.A.	Birklands and Bilhaugh	Ref: 76
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
<b>Tetratoma Fabricius, 1790</b>		
<b><i>Tetratoma desmarestii</i> Latreille, 1807</b>		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
1899	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2001	Birklands and Bilhaugh	Ref: 79
<b><i>Tetratoma fungorum</i> Fabricius, 1790</b>		
Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
Skidmore, P. 1962	Birklands and Bilhaugh	Ref: 38
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Joynt, G. Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West and Ollerton Corner	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131



## Melandryidae Leach, 1815

### Orchesia Latreille, 1807

#### *Orchesia micans* (Panzer, 1793)

Skidmore, P. 1961

Birklands and Bilhaugh

Ref: 38

#### *Orchesia minor* Walker, 1836

Alexander, K.N.A. 2009

Birklands West and Ollerton Corner

Ref: 118

#### *Orchesia undulata* Kraatz, 1853

Blatch, W.G. and Homer 1886

Birklands and Bilhaugh

Ref: 1

Clarke, R.O. 1964

Birklands and Bilhaugh

Ref: 79

Johnson, C. 1984

Birklands and Bilhaugh

Ref: 38

Wright, S. and Lott, D. 1986

Birklands and Bilhaugh

Ref: 76

Fowles, A.P. 1988

Birklands and Bilhaugh

Ref: 76

Drane, A.B. 2000

Birklands and Bilhaugh

Ref: 75

Denton, M.L. et al 2002

Birklands and Bilhaugh

Ref: 35

Denton, M.L. et al 2002

Birklands and Bilhaugh / Buck Gates

Ref: 35

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

Birklands and Bilhaugh

Ref: 34

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh

Ref: 36

Ball, W. 2013

Birklands West / Sherwood Heath

Ref: 134

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2015

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016

Birklands and Bilhaugh

Ref: 36

Heeney, W. 2017

Birklands and Bilhaugh

Ref: 144

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands West / Clipstone Old Qtr

Ref: 36

Musgrove, A. 2017

Birklands and Bilhaugh

Ref: 142

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. 2020

Birklands and Bilhaugh

Ref: 36

#### Abdera Stephens, 1832

#### *Abdera quadrifasciata* (Curtis, 1829)

Lott, D.A. 1998

Birklands and Bilhaugh

Ref: 75

Drane, A.B. 2000

Birklands and Bilhaugh

Ref: 75

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018

Birklands and Bilhaugh

Ref: 131

#### Phloiotrya Stephens, 1832

#### *Phloiotrya vaudoueri* Mulsant, 1856

Richard, Tyrer, W. and Kidson Taylor, J. 1868

Birklands and Bilhaugh

Ref: 1

1916

Birklands and Bilhaugh

Ref: 1

Skidmore, P. 1960

Birklands and Bilhaugh

Ref: 38

1988

Birklands and Bilhaugh

Ref: 21

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

Birklands and Bilhaugh

Ref: 34

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

Birklands and Bilhaugh

Ref: 36

Alexander, K.N.A. 2009/2010

Birklands West and Ollerton Corner

Ref: 118

Pendleton, T.A. and Pendleton, D.T. 2016

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands West / Clipstone Old Qtr

Ref: 36

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018

Birklands and Bilhaugh

Ref: 131

Pendleton, T.A. 2020

Birklands West / Clipstone Old Qtr

Ref: 36

#### Melandrya Fabricius, 1801

#### *Melandrya caraboides* (Linnaeus, 1761)

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

Birklands and Bilhaugh

Ref: 34

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

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 36

Dutton, A. 2010

Birklands and Bilhaugh

Ref: 114

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands and Bilhaugh

Ref: 36

#### Conopalpus Gyllenhal, 1810

#### *Conopalpus testaceus* (Olivier, 1790)

Turner 1867

Birklands and Bilhaugh

Ref: 1

Tyrer, R. and W. 1868

Birklands and Bilhaugh

Ref: 1

Kidson Taylor, J. 1869	Birklands and Bilhaugh	Ref: 1
Kidson Taylor, J. 1870	Birklands and Bilhaugh	Ref: 1
Kidson Taylor, J. 1904	Birklands and Bilhaugh	Ref: 1
1916	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

## **Mordellidae** Latreille, 1802

### **Mordellochroa** Emery, 1876

#### *Mordellochroa abdominalis* (Fabricius, 1775)

Thornley 1897	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## **Colydiidae** Billberg, 1820

### **Synchita** Hellwig, 1792

#### *Synchita humeralis* (Fabricius, 1792)

1904	Birklands and Bilhaugh	Ref: 28
Donisthorpe, H. and Kidson Taylor, J. 1907	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Hunter, F.A. 1978	Birklands and Bilhaugh	Ref: 76
Dutton, A. 2010	Birklands and Bilhaugh	Ref: 114

### **Cicones** Curtis, 1827

#### *Cicones variegatus* (Hellwig, 1792)

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
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### **Bitoma** Herbst, 1793

#### *Bitoma crenata* (Fabricius, 1775)

Skidmore, P. 1960	Birklands and Bilhaugh	Ref: 38
1960	Birklands and Bilhaugh	Ref: 21
Clarke, R.O. 1964	Birklands and Bilhaugh	Ref: 78
Alexander, K.N.A. 1984	Birklands and Bilhaugh	Ref: 76
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh / Budby SF	Ref: 149

## **Tenebrionidae** Latreille, 1802

### **Lagria** Fabricius, 1775

#### *Lagria hirta* (Linnaeus, 1758)

Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
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 / 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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144
Skinner, M. 2015	Birklands and Bilhaugh	Ref: 141
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36

## Eledona Latreille, 1796

### *Eledona agricola* (Herbst, 1783)

Kidson Taylor, J. 1869	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1909	Birklands and Bilhaugh	Ref: 10
1916	Birklands and Bilhaugh	Ref: 1
Clarke, R.O. 1964	Birklands and Bilhaugh	Ref: 79
Hunter, F.A.	Birklands and Bilhaugh	Ref: 76
Key, R.S. 1991	Birklands and Bilhaugh	Ref: 76
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

## Nalassus Mulsant, 1854

### *Nalassus laevioctostriatus* (Goeze, 1777)

Mosley 1893	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1963	Birklands and Bilhaugh	Ref: 38
Garland, S. 1982	Birklands and Bilhaugh	Ref: 79
1986	Birklands and Bilhaugh	Ref: 75
1987	Birklands and Bilhaugh	Ref: 75
1989	Birklands and Bilhaugh	Ref: 75
Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Binding, J. and Harris, A. 1995	Birklands and Bilhaugh	Ref: 77
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Whiteley, D. 1998	Birklands and Bilhaugh / Buck Gates	Ref: 79
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Merritt, R. 2000	Birklands and Bilhaugh / Budby SF	Ref: 79
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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
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
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Heeney, W. 2014	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West and Ollerton Corner	Ref: 36

### Corticeus Piller & Mitterpacher, 1783

#### *Corticeus linearis* (Fabricius, 1790)

Kidson Taylor, J. 1904	Birklands and Bilhaugh	Ref: 1
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#### *Corticeus unicolor* Piller & Mitterpacher, 1783

1933	Birklands and Bilhaugh	Ref: 125
1936	Birklands and Bilhaugh	Ref: 125
1938	Birklands and Bilhaugh	Ref: 125
1951	Birklands and Bilhaugh	Ref: 125
Skidmore, P. 1960	Birklands and Bilhaugh	Ref: 38
Skidmore, P. 1961	Birklands West and Ollerton Corner	Ref: 38
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1970	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1977	Birklands and Bilhaugh	Ref: 38
Alexander, K.N.A. 1984	Birklands and Bilhaugh	Ref: 76
Johnson, C. 1984	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1985	Birklands and Bilhaugh	Ref: 38
Wright, S. 1986	Birklands and Bilhaugh	Ref: 76
Foster, A.P. 1987	Birklands and Bilhaugh	Ref: 76
Key, R.S. 1991	Birklands and Bilhaugh	Ref: 76
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Joynt, G. Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36

Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

### Diaperis Geoffroy, 1762

#### *Diaperis boleti* (Linnaeus, 1758)

1891	Birklands and Bilhaugh	Ref: 5
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### Prionychus Solier, 1835

#### *Prionychus ater* (Fabricius, 1775)

Fowler	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

### *Prionychus melanarius* (Germar, 1813)

Donisthorpe, H. 1908	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1912	Birklands and Bilhaugh	Ref: 10
Hunt 1938	Birklands and Bilhaugh	Ref: 125
Clark 1938	Birklands and Bilhaugh	Ref: 125
1939	Birklands and Bilhaugh	Ref: 125
Henderson 1940	Birklands and Bilhaugh	Ref: 125
Hunt 1941	Birklands and Bilhaugh	Ref: 125
1948	Birklands and Bilhaugh	Ref: 125
Hunt 1950	Birklands and Bilhaugh	Ref: 125
Hunt 1951	Birklands and Bilhaugh	Ref: 125
Hunt 1952	Birklands and Bilhaugh	Ref: 125
1957	Birklands and Bilhaugh	Ref: 125
Skidmore, P. 1960	Birklands and Bilhaugh	Ref: 38
Skidmore, P. 1961	Birklands West and Ollerton Corner	Ref: 38
Skidmore, P. 1962	Birklands and Bilhaugh	Ref: 37
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1963	Birklands West and Ollerton Corner	Ref: 38
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
1987	Birklands and Bilhaugh	Ref: 9
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

### Pseudocistela Crotch, 1873

#### *Pseudocistela ceramoides* (Linnaeus, 1758)

Kidson Taylor, J. 1869	Birklands and Bilhaugh	Ref: 1
1908	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1963	Birklands and Bilhaugh	Ref: 38
Hunter, F.A.	Birklands and Bilhaugh	Ref: 76
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

### Isomira Mulsant, 1856

#### *Isomira murina* (Linnaeus, 1758)

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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Mycetochara Bethold, 1827

### *Mycetochara humeralis* (Fabricius, 1787)

Kidson Taylor, J. and Chaster, G.W. 1905 and 1906	Birklands and Bilhaugh	Ref: 1
1907	Birklands and Bilhaugh	Ref: 1
1916	Birklands and Bilhaugh	Ref: 1
Skidmore, P. 1961	Birklands West and Ollerton Corner	Ref: 38
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1970	Birklands and Bilhaugh	Ref: 38
Foster, A.P. 1987	Birklands and Bilhaugh	Ref: 76
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

## Oedemeridae Latreille, 1810

### Ischnomera Stephens, 1832

#### *Ischnomera sanguinicollis* (Fabricius, 1787)

Blatch, W.G. and Fowler	Birklands and Bilhaugh	Ref: 1
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### Oedemera Olivier, 1789

#### *Oedemera lurida* (Marsham, 1802)

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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36

#### *Oedemera nobilis* (Scopoli, 1763)

Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

## Meloidae Gyllenhal, 1810

### Meloe Linnaeus, 1758

#### *Meloe proscarabaeus* **Black Oil Beetle** Linnaeus, 1758

Dutton, A. 2011	Birklands and Bilhaugh / Budby SF	Ref: 114
Pendleton, T.A. and Pendleton, D.T. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Joynt, G. 2011	Birklands and Bilhaugh / Budby SF	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Dutton, A. 2012	Birklands and Bilhaugh / Budby SF	Ref: 114
Joynt, G. 2012	Birklands and Bilhaugh / Budby SF	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Dutton, A. 2013	Birklands and Bilhaugh / Budby SF	Ref: 114
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
McGeever, D. and McGeever, V. 2016	Birklands and Bilhaugh / Budby SF	Ref: 160
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Ryder, C. Lowe, A. and Dutton, A. 2017	Birklands and Bilhaugh / Budby SF	Ref: 150
Ryder, C. 2018	Birklands and Bilhaugh / Budby SF	Ref: 150
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Kiemel Greene I. 2020	Birklands and Bilhaugh / Budby SF	Ref: 157

**Pyrochroidae** Latreille, 1806**Pyrochroa** Geoffroy, 1762*Pyrochroa coccinea* (Linnaeus, 1761)

Lott, D.A. 1998  
 Pendleton, T.A. and Pendleton, D.T. 2008  
 Pendleton, T.A. and Pendleton, D.T. 2008  
 Pendleton, T.A. and Pendleton, D.T. 2009  
 Binding, A.E. and Binding, A. 2009  
 Alexander, K.N.A. 2009/2010  
 Alexander, K.N.A. 2009/2010  
 Pendleton, T.A. and Pendleton, D.T. 2010  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2011  
 Pendleton, T.A. and Pendleton, D.T. 2012  
 Pendleton, T.A. and Pendleton, D.T. 2013  
 Pendleton, T.A. and Pendleton, D.T. 2013  
 Pendleton, T.A. and Pendleton, D.T. 2013  
 Pendleton, T.A. and Pendleton, D.T. 2013  
 Pendleton, T.A. and Pendleton, D.T. 2016  
 Pendleton, T.A. and Pendleton, D.T. 2017  
 Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018  
 Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018  
 Pendleton, T.A. and Pendleton, D.T. 2018  
 Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 7  
 Birklands and Bilhaugh Ref: 34  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh Ref: 111  
 Birklands West and Ollerton Corner Ref: 118  
 Birklands and Bilhaugh Ref: 117  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 119  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Clipstone Old Qtr Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh / Budby SF Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands West / Sherwood Heath Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh Ref: 149  
 Birklands and Bilhaugh / Budby SF Ref: 149  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh Ref: 36

*Pyrochroa serraticornis* (Scopoli, 1763)

Kidson Taylor, J.  
 Drane, A.B. 2000  
 Denton, M.L. et al 2002  
 Pendleton, T.A. and Pendleton, D.T. 2019

Birklands and Bilhaugh Ref: 1  
 Birklands and Bilhaugh / Proteus Sq Ref: 80  
 Birklands and Bilhaugh / Buck Gates Ref: 35  
 Birklands West / Clipstone Old Qtr Ref: 36

**Salpingidae** Leach, 1815**Rabocerus** Mulsant, 1859*Rabocerus gabrieli* Gerhardt, 1901

Pendleton, T.A. and Pendleton, D.T. 2008  
 Pendleton, T.A. and Pendleton, D.T. 2009  
 Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh Ref: 34  
 Birklands and Bilhaugh Ref: 36  
 Birklands and Bilhaugh Ref: 36

**Sphaeriestes** Stephens, 1829*Sphaeriestes castaneus* (Panzer, 1796)

Kidson Taylor, J.  
 Lott, D.A. 1998  
 Lott, D.A. 1998  
 Drane, A.B. 2000

Birklands and Bilhaugh Ref: 1  
 Birklands West and Ollerton Corner Ref: 7  
 Birklands and Bilhaugh Ref: 7  
 Birklands and Bilhaugh / Proteus Sq Ref: 80

**Vincenzellus** Reitter, 1911*Vincenzellus ruficollis* (Panzer, 1794)

Bedwell, E.C.  
 Lott, D.A. 1998  
 Drane, A.B. 2000  
 Drane, A.B. 2000

Birklands and Bilhaugh Ref: 1  
 Birklands and Bilhaugh Ref: 7  
 Birklands and Bilhaugh Ref: 75  
 Birklands and Bilhaugh / Proteus Sq Ref: 80

**Salpingus** Illiger, 1801*Salpingus planirostris* (Fabricius, 1787)

Bedwell, E.C. and Kidson Taylor, J.  
 Lott, D.A. 1998  
 Lott, D.A. 1998  
 Drane, A.B. 2000  
 Drane, A.B. 2000  
 Denton, M.L. et al 2002  
 Denton, M.L. et al 2002  
 Pendleton, T.A. and Pendleton, D.T. 2009

Birklands and Bilhaugh Ref: 1  
 Birklands and Bilhaugh Ref: 75  
 Birklands West and Ollerton Corner Ref: 80  
 Birklands and Bilhaugh Ref: 75  
 Birklands and Bilhaugh / Proteus Sq Ref: 80  
 Birklands and Bilhaugh Ref: 35  
 Birklands and Bilhaugh / Buck Gates Ref: 35  
 Birklands and Bilhaugh Ref: 36

Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

*Salpingus ruficollis* (Linnaeus, 1761)

Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

**Anthicidae** Latreille, 1819

*Stricticollis* Marseul, 1879

*Stricticollis tobias* (Marseul, 1879)

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
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**Aderidae** Csiki, 1909

*Euglenes* Westwood, 1830

*Euglenes oculatus* (Paykull, 1798)

Kidson Taylor, J. and Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
Skidmore, P. 1960	Birklands and Bilhaugh	Ref: 38
1960	Birklands and Bilhaugh	Ref: 21
Johnson, C. 1961	Birklands and Bilhaugh	Ref: 79
Johnson, C. 1963	Birklands and Bilhaugh	Ref: 38
Hunter, F.A.	Birklands and Bilhaugh	Ref: 76
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

**Scraptiidae** Gistel, 1848

*Scraptia* Latreille, 1807

*Scraptia fuscula* Müller, P.W.J., 1821

Kidson Taylor, J. 1870	Birklands and Bilhaugh	Ref: 1
1899	Birklands and Bilhaugh	Ref: 1

*Scraptia testacea* Allen, 1940

Johnson, C. 1963	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1970	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1971	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1972	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1973	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1974	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1975	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1976	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1977	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1978	Birklands and Bilhaugh	Ref: 38
Johnson, C. 1979	Birklands and Bilhaugh	Ref: 38
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35

*Anaspis* Geoffroy, 1762

*Anaspis costai* Emery, 1876

Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

*Anaspis fasciata* (Forster, 1771)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
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Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Anaspis frontalis* (Linnaeus, 1758)

Thornley and Pegler, S.	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
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 West / Clipstone Old Qtr	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

*Anaspis gameysi* Fowler, 1889

Donisthorpe, H. 1908	Birklands and Bilhaugh	Ref: 1
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

*Anaspis lurida* Stephens, 1832

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
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*Anaspis maculata* (Geoffroy in Fourcroy, 1785)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Whiteley, D. 1998	Birklands and Bilhaugh	Ref: 79
Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 131
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

***Anaspis regimbarti* Schilsky, 1895**

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

***Anaspis rufilabris* (Gyllenhal, 1827)**

Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

***Anaspis thoracica* (Linnaeus, 1758)**

Williams, S.A. 1992	Birklands and Bilhaugh / Budby SF	Ref: 79
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36

**Cerambycidae Latreille, 1802**

***Rhagium* Fabricius, 1775**

***Rhagium bifasciatum* Fabricius, 1775**

Blatch, W.G. and Horner 1886	Birklands and Bilhaugh	Ref: 1
White, K.M. 1923	Birklands and Bilhaugh	Ref: 10
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 75
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
Dutton, A. 2004	Birklands and Bilhaugh	Ref: 114
Dutton, A. 2007	Birklands and Bilhaugh	Ref: 114
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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Whiteley, D. 2018	Birklands and Bilhaugh / Budby SF	Ref: 143
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36

### *Rhagium mordax* (De Geer, 1775)

Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
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### *Stenocorus* Geoffroy, 1762

#### *Stenocorus meridianus* (Linnaeus, 1758)

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

### *Grammoptera* Audinet-Serville, 1835

#### *Grammoptera ruficornis* (Fabricius, 1781)

Bedwell, E.C. Carr, J.W. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
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
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Heeney, W. 2017	Birklands and Bilhaugh	Ref: 144
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

### *Leptura* Linnaeus, 1758

#### *Leptura quadrifasciata* Linnaeus, 1758

Kidson Taylor, J. 1868	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1912	Birklands and Bilhaugh	Ref: 10
1916	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 38
Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Binding, A.E. 1995	Birklands and Bilhaugh	Ref: 77
Dutton, A. 1997	Birklands and Bilhaugh	Ref: 114
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
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: 34
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
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Dutton, A. 2010	Birklands and Bilhaugh	Ref: 114
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36

Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Shaw, D. 2020	Birklands West / Sherwood Heath	Ref: 158
<b>Stictoleptura Casey, 1924</b>		
<i>Stictoleptura scutellata</i> (Fabricius, 1781)		
Kidson Taylor, J. 1869	Birklands and Bilhaugh	Ref: 1
<b>Alosterna Mulsant, 1863</b>		
<i>Alosterna tabacicolor</i> (De Geer, 1775)		
Bedwell, E.C. Ryles, W.E. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<b>Rutpela Nakane &amp; Ohbayashi, 1959</b>		
<i>Rutpela maculata</i> (Poda, 1761)		
Carr, J.W.	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 76
Dutton, A. 1997	Birklands and Bilhaugh	Ref: 114
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Dutton, A. 1998	Birklands and Bilhaugh	Ref: 114
Dutton, A. 1999	Birklands and Bilhaugh	Ref: 114
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Dutton, A. 2004	Birklands and Bilhaugh	Ref: 114
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
Dutton, A. 2006	Birklands and Bilhaugh	Ref: 114
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: 34
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
Pyke, M. 2009	Birklands and Bilhaugh	Ref: 99
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Dutton, A. 2011	Birklands and Bilhaugh	Ref: 114
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Shaw, D. 2020	Birklands West / Sherwood Heath	Ref: 158
<b>Asemum Eschscholtz, 1830</b>		
<i>Asemum striatum</i> (Linnaeus, 1758)		
Hunter, F.A. 1963	Birklands and Bilhaugh	Ref: 38
Dutton, A. 2006	Birklands and Bilhaugh	Ref: 114
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
Dutton, A. 2011	Birklands and Bilhaugh	Ref: 114
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Arhopalus Audinet-Serville, 1834</b>		
<i>Arhopalus rusticus</i> (Linnaeus, 1758)		
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. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

**Gracilia Audinet-Serville, 1834**

*Gracilia minuta* (Fabricius, 1781)

1912

Birklands West and Ollerton Corner

Ref: 10

**Phymatodes Mulsant, 1839**

*Phymatodes testaceus* (Linnaeus, 1758)

Kidson Taylor, J. Blatch, W.G. & Chappell, J. 1906

Birklands and Bilhaugh

Ref: 1

Lott, D.A. 1998

Birklands and Bilhaugh

Ref: 7

Dutton, A. 2006

Birklands and Bilhaugh

Ref: 114

Dutton, A. 2007

Birklands and Bilhaugh

Ref: 114

Pendleton, T.A. and Pendleton, D.T. 2016

Birklands West / Clipstone Old Qtr

Ref: 36

**Poecilium Fairmaire, 1864**

*Poecilium alni* (Linnaeus, 1767)

Dutton, A. 2001

Birklands and Bilhaugh

Ref: 114

Dutton, A. and Dutton, C. 2004

Birklands and Bilhaugh

Ref: 74

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 36

Dutton, A. 2010

Birklands and Bilhaugh

Ref: 114

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh

Ref: 36

Joynt, G. 2010

Birklands and Bilhaugh

Ref: 73

**Clytus Laicharting, 1784**

*Clytus arietis* (Linnaeus, 1758)

Carr, J.W.

Birklands and Bilhaugh

Ref: 1

Johnson, C. 1962

Birklands West and Ollerton Corner

Ref: 76

Dutton, A. 2000

Birklands and Bilhaugh

Ref: 114

Denton, M.L. et al 2002

Birklands and Bilhaugh / Buck Gates

Ref: 35

Dutton, A. 2004

Birklands and Bilhaugh

Ref: 114

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

Birklands and Bilhaugh

Ref: 36

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

Binding, A.E. and Binding, A. 2009

Birklands and Bilhaugh

Ref: 111

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 36

Dutton, A. 2010

Birklands and Bilhaugh

Ref: 114

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands West / Sherwood Heath

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016

Birklands West / Sherwood Heath

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh

Ref: 36

Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018

Birklands and Bilhaugh

Ref: 149

**Anaglyptus Latreille, 1829**

*Anaglyptus mysticus* (Linnaeus, 1758)

Whiteley, D. 1998

Birklands and Bilhaugh / Buck Gates

Ref: 79

Denton, M.L. et al 2002

Birklands and Bilhaugh / Proteus Sq

Ref: 35

Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018

Birklands and Bilhaugh / Budby SF

Ref: 149

Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018

Birklands and Bilhaugh

Ref: 149

**Agapanthia Audinet-Serville, 1835**

*Agapanthia villosviridescens* (De Geer, 1775)

1912

Birklands and Bilhaugh

Ref: 1

Dutton, A. 2006

Birklands and Bilhaugh

Ref: 114

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

Birklands West / Clipstone Old Qtr

Ref: 36

Borroff, A. 2008

Birklands and Bilhaugh

Ref: 70

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

Borroff, A. 2010

Birklands and Bilhaugh

Ref: 70

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36

### Pogonocherus Dejean, 1821

#### *Pogonocherus hispidus* (Linnaeus, 1758)

Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

### Leiopus Audinet-Serville, 1835

#### *Leiopus nebulosus* (Linnaeus, 1758)

Kidson Taylor, J. 1960	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 21
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 75
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Buck Gates	Ref: 35
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 34
Dutton, A. 2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 114
Batty, S. 2019	Birklands and Bilhaugh	Ref: 36
	Birklands and Bilhaugh	Ref: 148

### Saperda Fabricius, 1775

#### *Saperda scalaris* (Linnaeus, 1758)

1912	Birklands and Bilhaugh	Ref: 1
1960	Birklands and Bilhaugh	Ref: 20
Johnson, C. 1962	Birklands and Bilhaugh	Ref: 21
Mendel, H. 1982	Birklands and Bilhaugh	Ref: 38
Wright, S. 1986	Birklands and Bilhaugh	Ref: 19
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 76
Whiteley, D. 2003	Birklands West and Ollerton Corner	Ref: 7
Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	Ref: 79
Dutton, A. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 114
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
	Birklands and Bilhaugh	Ref: 36

### Stenostola Dejean, 1835

#### *Stenostola dubia* (Laicharting, 1784)

Willoughby Ellis, H.	Birklands and Bilhaugh	Ref: 1
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### Tetrops Stephens, 1829

#### *Tetrops praeustus* (Linnaeus, 1758)

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 10
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36

### Chrysomelidae Latreille, 1802

#### Bruchus Linnaeus, 1767

##### *Bruchus rufimanus* Boheman, 1833

Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36

### Bruchidius Schilsky, 1905

#### *Bruchidius villosus* (Fabricius, 1792)

Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
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*Oulema* des Gozis, 1886

*Oulema rufocyanea* (Suffrian, 1847)

Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

*Oulema melanopus* (Linnaeus, 1758) sensu. stricto.

Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36

*Cryptocephalus* Müller, O.F., 1764

*Cryptocephalus coryli* (Linnaeus, 1758)

Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
Kidson Taylor, J. and Hardy 1904	Birklands and Bilhaugh	Ref: 1
Kidson Taylor, J. 1906	Birklands and Bilhaugh	Ref: 1
Donisthorpe, H. 1907	Birklands and Bilhaugh	Ref: 1
Bedwell, E.C. 1908	Birklands and Bilhaugh	Ref: 124
1929	Birklands and Bilhaugh	Ref: 125
Tozer, D. 1938	Birklands and Bilhaugh	Ref: 125
Tozer, D. 1939	Birklands and Bilhaugh	Ref: 125
Tozer, D. 1940	Birklands and Bilhaugh	Ref: 125
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 1
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Vaughan, M. 2011	Birklands and Bilhaugh	Ref: 126
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Joynt, G. 2012	Birklands and Bilhaugh	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Cryptocephalus fulvus* (Goeze, 1777)

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
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*Cryptocephalus labiatus* (Linnaeus, 1761)

Ryles, W.E. 1914	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Cryptocephalus nitidulus</i> Fabricius, 1787		
Occurred historically at Sherwood	Birklands and Bilhaugh	Ref: 5
<i>Cryptocephalus pusillus</i> Fabricius, 1777		
Fowler	Birklands and Bilhaugh	Ref: 1
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
<i>Cryptocephalus querceti</i> Suffrian, 1848		
Matthews, Rev. A.	Birklands and Bilhaugh	Ref: 1
1938	Birklands and Bilhaugh	Ref: 125
1948	Birklands and Bilhaugh	Ref: 125
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Alexander, K.N.A. 2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Chrysolina Motschulsky, 1860</i>		
<i>Chrysolina hyperici</i> (Forster, 1771)		
Ryles, W.E. 1899	Birklands and Bilhaugh	Ref: 1
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Chrysolina oricalcia</i> (Müller, O.F., 1776)		
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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Chrysolina polita</i> (Linnaeus, 1758)		
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
<i>Chrysolina staphylaea</i> (Linnaeus, 1758)		
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
<i>Chrysolina sturmi</i> (Westhoff, 1882)		
Fowler	Birklands and Bilhaugh	Ref: 1
<i>Gastrophysa</i> Dejean, 1836		
<i>Gastrophysa polygoni</i> (Linnaeus, 1758)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1



<i>Gastrophysa viridula</i> (De Geer, 1775)		
1914	Birklands West and Ollerton Corner	Ref: 10
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
<b>Phaedon Latreille, 1829</b>		
<i>Phaedon tumidulus</i> (Germar, 1824)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Hydrothassa Thomson, C. G. 1859</b>		
<i>Hydrothassa marginella</i> (Linnaeus, 1758)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<b>Prasocuris Latreille, 1802</b>		
<i>Prasocuris junci</i> (Brahm, 1790)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<b>Phratora Dejean, 1836</b>		
<i>Phratora laticollis</i> Suffrian, 1851		
Pendleton, T.A. 2020	Birklands West and Ollerton Corner	Ref: 36
<i>Phratora vitellinae</i> (Linnaeus, 1758)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<b>Galeruca Müller, O.F., 1764</b>		
<i>Galeruca tanaceti</i> (Linnaeus, 1758)		
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>Lochmaea Weise, 1883</b>		
<i>Lochmaea caprea</i> (Linnaeus, 1758)		
Randell Jackson, A. 1912	Birklands and Bilhaugh	Ref: 1
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
<i>Lochmaea crataegi</i> (Forster, 1771)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
1919	Birklands West and Ollerton Corner	Ref: 10
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Heeney, W. 2017	Birklands and Bilhaugh	Ref: 151
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36

*Lochmaea suturalis* (Thomson, C.G., 1866)

Kidson Taylor, J. 1921	Birklands and Bilhaugh	Ref: 1
Whiteley, D. 1990	Birklands West and Ollerton Corner	Ref: 10
Binding, A. and Binding, A.E. 1999	Birklands West / Sherwood Heath	Ref: 79
Marsh, B. 2003	Birklands and Bilhaugh	Ref: 77
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 34
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: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Musgrove, A. 2017	Birklands and Bilhaugh / Budby SF	Ref: 142
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Whiteley, D. 2018	Birklands and Bilhaugh / Budby SF	Ref: 143

*Luperus* Müller, O.F., 1764

*Luperus flavipes* (Linnaeus, 1767)

Bedwell, E.C. Pegler, S. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
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*Luperus longicornis* (Fabricius, 1781)

Ryles, W.E.	Birklands and Bilhaugh	Ref: 1
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*Agelastica* Dejean, 1836

*Agelastica alni* (Linnaeus, 1758)

Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

*Sermylassa* Reitter, 1912

*Sermylassa halensis* (Linnaeus, 1767)

Golding, J. 1899	Birklands and Bilhaugh	Ref: 1
Kidson Taylor, J. 1913 and 1914	Birklands and Bilhaugh	Ref: 1
Brackenbury, A. 1989	Birklands West / Sherwood Heath	Ref: 79
Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Whiteley, D. 2001	Birklands West / Sherwood Heath	Ref: 79
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36

<i>Phyllotreta</i> Dejean, 1836 <i>Phyllotreta nemorum</i> (Linnaeus, 1758) Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
<i>Phyllotreta nigripes</i> (Fabricius, 1775) Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Phyllotreta undulata</i> Kutschera, 1860 Kidson Taylor, J. 1905 Godfrey, A. 2006	Birklands and Bilhaugh Birklands West / Sherwood Heath	Ref: 1 Ref: 108
<i>Phyllotreta vittula</i> (Redtenbacher, 1849) Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
<i>Aphthona</i> Dejean, 1836 <i>Aphthona euphorbiae</i> (Schränk, 1781) Wright, S. and Paul, C. 1994 Binding, A. and Binding, A.E. 1999 Drane, A.B. 2000 Denton, M.L. et al 2002 Marsh, B. 2003 Godfrey, A. 2006 Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands West / Sherwood Heath Birklands and Bilhaugh Birklands and Bilhaugh / Proteus Sq Birklands and Bilhaugh / Buck Gates Birklands West / Sherwood Heath Birklands West / Sherwood Heath Birklands and Bilhaugh	Ref: 132 Ref: 77 Ref: 80 Ref: 35 Ref: 105 Ref: 108 Ref: 131
<i>Longitarsus</i> Berthold, 1827 <i>Longitarsus atricillus</i> (Linnaeus, 1761) Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
<i>Longitarsus exoletus</i> (Linnaeus, 1758) Kidson Taylor, J. 1906	Birklands and Bilhaugh	Ref: 1
<i>Longitarsus ganglbaueri</i> Heikertinger, 1912 Bedwell, E.C. 1903	Birklands and Bilhaugh	Ref: 1
<i>Longitarsus gracillius</i> Kutschera, 1864 Kidson Taylor, J. 1904	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 10
<i>Longitarsus luridus</i> (Scopoli, 1763) Godfrey, A. 2003 Godfrey, A. 2006 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath Birklands West / Sherwood Heath Birklands and Bilhaugh / Budby SF	Ref: 104 Ref: 108 Ref: 119
<i>Longitarsus jacobaeae</i> (Waterhouse, G.R., 1858) Kidson Taylor, J. Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Sherwood Heath	Ref: 1 Ref: 10 Ref: 36
<i>Longitarsus melanocephalus</i> (De Geer, 1775) Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
<i>Longitarsus parvalus</i> (Paykull, 1799) Drane, A.B. 2000 Denton, M.L. et al 2002 Marsh, B. 2003 Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh / Proteus Sq Birklands and Bilhaugh / Buck Gates Birklands West / Sherwood Heath Birklands and Bilhaugh	Ref: 80 Ref: 35 Ref: 105 Ref: 131
<i>Longitarsus pratensis</i> (Panzer, 1794) Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
<i>Longitarsus succineus</i> (Foudras, 1860) Kidson Taylor, J. 1903 Marsh, B. 2003	Birklands and Bilhaugh Birklands West / Sherwood Heath	Ref: 1 Ref: 105

<i>Longitarsus suturellus</i> (Duftschmid, 1825)		
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
<i>Altica</i> Geoffroy, 1762		
<i>Altica helianthemii</i> (Allard, 1859)		
1914	Birklands and Bilhaugh	Ref: 1
<i>Altica lythri</i> Aubé, 1843		
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<i>Altica oleracea</i> (Linnaeus, 1758)		
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<i>Neocrepidodera</i> Heikertinger, 1911		
<i>Neocrepidodera ferruginea</i> (Scopoli, 1763)		
	Birklands West and Ollerton Corner	Ref: 10
<i>Neocrepidodera transversa</i> (Marsham, 1802)		
Golding, J.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
<i>Derocrepis</i> Weise, 1886		
<i>Derocrepis rufipes</i> (Linnaeus, 1758)		
Ryles, W.E.	Birklands and Bilhaugh	Ref: 1
<i>Crepidodera</i> Dejean, 1836		
<i>Crepidodera aurea</i> (Fourcroy, 1785)		
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Crepidodera aurata</i> (Marsham, 1802)		
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Crepidodera fulvicornis</i> (Fabricius, 1792)		
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
<i>Podagrica</i> Dejean, 1836		
<i>Podagrica fuscicornis</i> (Linnaeus, 1767)		
1981	Birklands and Bilhaugh	Ref: 24
<i>Mantura</i> Stephens, 1831		
<i>Mantura rustica</i> (Linnaeus, 1767)		
Ryles, W.E. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<i>Chaetocnema</i> Stephens, 1831		
<i>Chaetocnema concinna</i> (Marsham, 1802)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1

Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
<i>Chaetocnema hortensis</i> (Fourcroy, 1785)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<b>Sphaeroderma Stephens, 1831</b>		
<i>Sphaeroderma rubidum</i> (Graëlls, 1858)		
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Sphaeroderma testaceum</i> (Fabricius, 1775)		
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<b>Apteropeda Dejean, 1836</b>		
<i>Apteropeda orbiculata</i> (Marsham, 1802)		
Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
<b>Psylliodes Berthold, 1827</b>		
<i>Psylliodes affinis</i> (Paykull, 1799)		
1912	Birklands and Bilhaugh	Ref: 10
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
<i>Psylliodes chrysocephala</i> (Linnaeus, 1758)		
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
<i>Psylliodes cuprea</i> (Koch, J.D.W., 1803)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<i>Psylliodes luteola</i> (Müller, O.F., 1776)		
Fowler	Birklands and Bilhaugh	Ref: 1
<b>Cassida Linnaeus, 1758</b>		
<i>Cassida flaveola</i> Thunberg, 1794		
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Cassida rubiginosa</i> Müller, O.F., 1776		
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
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: 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 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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Cassida viridis</i> Linnaeus, 1758		
Carr, J.W. 1914	Birklands and Bilhaugh	Ref: 1

**Nemonychidae** Bedel, 1882

Cimberis des Gozis, 1881

*Cimberis attelaboides* (Fabricius, 1787)

Hardy, J.R. 1904

Birklands and Bilhaugh

Ref: 1

**Anthribidae** Billberg, 1820

Anthribus Geoffroy, 1762

*Anthribus nebulosus* (Forster, 1771)

Bedwell, E.C. and Donisthorpe, H.

Birklands and Bilhaugh

Ref: 1

Ryles, W.E. and Kidson Taylor, J.

Birklands and Bilhaugh

Ref: 1

Platyrhinus Clairville, 1798

*Platyrhinus resinosus* (Scopoli, 1763)

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West / Sherwood Heath

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands West and Ollerton Corner

Ref: 36

Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018

Birklands and Bilhaugh

Ref: 149

Platystomos Schneider, D.H., 1791

*Platystomos albinus* (Linnaeus, 1758)

Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018

Birklands and Bilhaugh

Ref: 149

Pendleton, T.A. 2020

Birklands and Bilhaugh

Ref: 36

**Rhynchitidae** Gistel, 1848

Involvulus Schrank, 1798

*Involvulus cupreus* (Linnaeus, 1758)

Stevens, S. 1868

Birklands and Bilhaugh

Ref: 1

Lasiorhynchites Jekel, 1860

*Lasiorhynchites cavifrons* (Gyllenhal, 1833)

Ryles, W.E.

Birklands and Bilhaugh

Ref: 1

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

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands and Bilhaugh

Ref: 36

Neocoenorrhinus Voss, 1951

*Neocoenorrhinus germanicus* (Herbst, 1797)

Ryles, W.E. and Bedwell, E.C.

Birklands and Bilhaugh

Ref: 1

*Neocoenorrhinus interpunctatus* (Stephens, 1831)

Donisthorpe, H. 1907

Birklands and Bilhaugh

Ref: 1

Lott, D.A. 1986

Birklands and Bilhaugh

Ref: 80

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 36

*Neocoenorrhinus minutus* (Herbst, 1797)

Fowler, Kidson Taylor, J. Tomlin, J.R. le B. and Bedwell, E.C.

Birklands and Bilhaugh

Ref: 1

Lott, D.A. 1986

Birklands and Bilhaugh

Ref: 76

Lott, D.A. 1998

Birklands West and Ollerton Corner

Ref: 80

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014

Birklands and Bilhaugh

Ref: 36

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. *et al* 2018

Birklands and Bilhaugh

Ref: 131

Pendleton, T.A. and Pendleton, D.T. 2019

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. 2020

Birklands and Bilhaugh

Ref: 36

*Neocoenorrhinus pauxillus* (Germar, 1824)

Kidson Taylor, J. 1903

Birklands and Bilhaugh

Ref: 1

Tatianaerhynchites Legalov, 2002

*Tatianaerhynchites aequatus* (Linnaeus, 1767)

Fowler, Kidson Taylor, J. Tomlin, J.R. le B. and Bedwell, E.C.

Birklands and Bilhaugh

Ref: 1

Lott, D.A. 1986

Birklands and Bilhaugh

Ref: 76

Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 80
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Washington, C. 2014	Birklands and Bilhaugh	Ref: 161
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

### Temnocerus Thunberg, 1815

#### *Temnocerus nanus* (Paykull, 1792)

Ryles, W.E. Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1988	Birklands West and Ollerton Corner	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

### Caenorhinus Thomson, C.G., 1859

#### *Caenorhinus mannerheimii* (Hummel, 1823)

Kidson Taylor, J. 1906	Birklands and Bilhaugh	Ref: 1
Donisthorpe, H. 1907	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36

### Deporaus Samouelle, 1819

#### *Deporaus betulae* (Linnaeus, 1758)

Kidson Taylor, J. and Randall Jackson, A.	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
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 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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

### Attelabidae Billberg, 1820

#### *Attelabus* Linnaeus, 1758

#### *Attelabus nitens* (Scopoli, 1763)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Wright, S. and Lott, D. 1986	Birklands and Bilhaugh	Ref: 76
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Whiteley, D. 2000	Birklands and Bilhaugh / Budby SF	Ref: 79
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
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 / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Whiteley, D. 2011	Birklands and Bilhaugh	Ref: 161
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>Apoderus Olivier, 1807</b>		
<i>Apoderus coryli</i> (Linnaeus, 1758)		
Ryles, W.E. 1925	Birklands and Bilhaugh	Ref: 10
<b>Apionidae Schönherr, 1823</b>		
<b>Apion Herbst, 1797</b>		
<i>Apion cruentatum</i> Walton, J., 1844		
Golding, J. and Ryles, W.E.	Birklands and Bilhaugh	Ref: 1
<i>Apion frumentarium</i> (Linnaeus, 1758)		
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
<i>Apion haematodes</i> Kirby, W., 1808		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
<i>Apion rubens</i> Stephens, 1839		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
<b>Perapion Wagner, 1907</b>		
<i>Perapion curtirostre</i> (Germar, 1817)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Perapion marchicum</i> (Herbst, 1797)		
Blatch, W.G.	Birklands and Bilhaugh	Ref: 1
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Kenward, H.K. 2014	Birklands and Bilhaugh	Ref: 161
<i>Perapion violaceum</i> (Kirby, 1808)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
<b>Aspidapion Schilsky, 1901</b>		
<i>Aspidapion aeneum</i> (Fabricius, 1775)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<i>Aspidapion radiolus</i> (Marshall, 1802)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1



Ceratapion Schilsky, 1901 <i>Ceratapion carduorum</i> (Kirby, W., 1808) Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<i>Ceratapion gibbirostre</i> (Gyllenhal, 1813) Marsh, B. 2003 Godfrey, A. 2004	Birklands West / Sherwood Heath Birklands West / Sherwood Heath	Ref: 105 Ref: 108
Exapion Bedel, 1885 <i>Exapion fuscirostre</i> (Fabricius, 1775) Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 36 Ref: 119
<i>Exapion ulicis</i> (Forster, 1771) Carr, J.W. and Kidson Taylor, J. Morris, M.G. 1965 Marsh, B. 2003 Godfrey, A. 2006 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2016 Pendleton, T.A. and Pendleton, D.T. 2017 Pendleton, T.A. and Pendleton, D.T. 2017 Pendleton, T.A. and Pendleton, D.T. 2018 Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Sherwood Heath Birklands West / Sherwood Heath Birklands and Bilhaugh / Budby SF Birklands West / Sherwood Heath Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Sherwood Heath Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands West / Sherwood Heath	Ref: 1 Ref: 161 Ref: 105 Ref: 108 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 119 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
Eutrichapion Reitter, 1916 <i>Eutrichapion ervi</i> (Kirby, W., 1808)	Birklands and Bilhaugh	Ref: 10
<i>Eutrichapion vorax</i> (Herbst, 1797) Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 161
Holotrichapion Györfy, 1956 <i>Holotrichapion aethiops</i> (Herbst, 1797) Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<i>Holotrichapion pisi</i> (Fabricius, 1801) Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Oxystoma Duméril, 1806 <i>Oxystoma craccaae</i> (Linnaeus, 1767) Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
<i>Oxystoma pomonae</i> (Fabricius, 1798) Bedwell, E.C. Chaster, G.W. and Kidson Taylor, J. Pendleton, T.A. 2020	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 36
Pirapion Reitter, 1916 <i>Pirapion immune</i> (Kirby, W., 1808) Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Ischnopterapion Bokor, 1923 <i>Ischnopterapion loti</i> (Kirby, 1808) Kidson Taylor, J. and Bedwell, E.C.	Birklands and Bilhaugh	Ref: 1
<i>Ischnopterapion virens</i> (Herbst, 1797) Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Protopirapion Alonso-Zarazaga, 1990 <i>Protopirapion atratum</i> (Germar, 1817) Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1

## Betulapion Ehret, 1994

### *Betulapion simile* (Kirby, W., 1811)

Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36

## Protapion Schilsky, 1908

### *Protapion apricans* (Herbst, 1797)

Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
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### *Protapion assimile* (Kirby, W., 1808)

Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
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### *Protapion difforme* (Germar, 1818)

Ryles, W.E. 1903	Birklands and Bilhaugh	Ref: 1
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### *Protapion fulvipes* (Geoffroy in Fourcroy, 1785)

Carr, J.W. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 161

### *Protapion nigritarse* (Kirby, W., 1808)

Bedwell, E.C.	Birklands and Bilhaugh	Ref: 1
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77

## Erirehinidae Schönherr, 1825

### Procas Stephens, 1831

#### *Procas picipes* (Marsham, 1802)

Bedwell, E.C. 1908	Birklands and Bilhaugh	Ref: 1
	Birklands and Bilhaugh	Ref: 18

## Curculionidae Latreille, 1802

### Archarius Gistel, 1848

#### *Archarius pyrrhoceras* (Marsham, 1802)

Bedwell, E.C. Ryles, W.E. Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Morris, M.G. 1965	Birklands and Bilhaugh	Ref: 161
Binding, A. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Kenward, H.K. 2011	Birklands and Bilhaugh	Ref: 161
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

#### *Archarius salicivorus* **Willow Gall Weevil** (Paykull, 1792)

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
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## Curculio Linnaeus, 1758

### *Curculio betulae* (Stephens, 1831)

1903	Birklands and Bilhaugh	Ref: 1
Kidson Taylor, J. 1904	Birklands and Bilhaugh	Ref: 1

### *Curculio glandum* **Acorn Weevil** Marsham, 1802

Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
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: 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
Washington, C. 2014	Birklands and Bilhaugh	Ref: 161
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
<b><i>Curculio nucum</i> Nut Weevil Linnaeus, 1758</b>		
Carr, J.W. 1912	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 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 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 and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b><i>Curculio rubidus</i> (Gyllenhal, 1836)</b>		
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Kenward, H.K. 2009	Birklands and Bilhaugh	Ref: 161
<b><i>Curculio venosus</i> (Gravenhorst, 1807)</b>		
Bedwell, E.C. and Fowler	Birklands and Bilhaugh	Ref: 1
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Morris, M.G. 1965	Birklands and Bilhaugh	Ref: 161
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<b><i>Curculio villosus</i> (Fabricius, 1781)</b>		
Bedwell, E.C. Carr, J.W. Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Denton, M.L. <i>et al</i> 2007	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<b>Anthonomus Germar, 1817</b>		
<b><i>Anthonomus pedicularius</i> (Linnaeus, 1758)</b>		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b><i>Anthonomus rubi</i> Strawberry Blossom Weevil (Herbst, 1795)</b>		
Washington, C. 2014	Birklands and Bilhaugh	Ref: 161
<b><i>Cionus</i> Clairville, 1798</b>		
<b><i>Cionus alauda</i> (Herbst, 1784)</b>		
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
<b><i>Cionus hortulanus</i> (Fourcroy, 1785)</b>		
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
<b><i>Cionus scrophulariae</i> (Linnaeus, 1758)</b>		
Carr, J.W. 1899	Birklands and Bilhaugh	Ref: 1

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Cleopus Dejean, 1821</b>		
<i>Cleopus pulchellus</i> (Herbst, 1795)		
Carr, J.W. 1912	Birklands and Bilhaugh	Ref: 1
<b>Dorytomus Germar, 1817</b>		
<i>Dorytomus taeniatus</i> (Fabricius, 1781)		
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
<b>Dorytomus tortrix</b> (Linnaeus, 1761)		
Carr, J.W. 1912	Birklands and Bilhaugh	Ref: 1
<b>Mecinus Germar, 1821</b>		
<i>Mecinus pascuorum</i> (Gyllenhal, 1813)		
Bedwell, E.C. Chaster, G.W. and Fowler,	Birklands and Bilhaugh	Ref: 1
Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Kenward, H.K. 2014	Birklands and Bilhaugh / Budby SF	Ref: 161
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<b>Mecinus pyraister</b> (Herbst, 1795)		
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
<b>Miarus Schonherr, 1826</b>		
<i>Miarus campanulae</i> (Linnaeus, 1767)		
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
<b>Orchestes Illiger, 1798</b>		
<i>Orchestes alni</i> (Linnaeus, 1758)		
Ryles, W.E.	Birklands and Bilhaugh	Ref: 1
<b>Orchestes calceatus</b> (Germar, 1821)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<b>Orchestes fagi</b> (Linnaeus, 1758)		
Ryles, W.E. Kidson Taylor, J. and Tomlin, J.R. le B. 1914	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Drane, A.B. 2010	Birklands West and Ollerton Corner	Ref: 161
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
<b>Orchestes pilosus</b> (Fabricius, 1781)		
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Proteus Sq	Ref: 35
<b>Orchestes quercus</b> (Linnaeus, 1758)		
Kidson Taylor, J. and Tomlin, J.R. le B. 1914	Birklands and Bilhaugh	Ref: 1
Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Drane, A.B. 1996	Birklands West and Ollerton Corner	Ref: 161
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Washington, C. 2014	Birklands and Bilhaugh	Ref: 161
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
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<b>Orchestes rusci</b> (Herbst, 1795)		
Bedwell, E.C. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Morris, M.G. 1965	Birklands and Bilhaugh	Ref: 161
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80

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. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Orchestes signifer</i> (Creutzer, 1799)		
Fowler and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Morris, M.G. 1965	Birklands and Bilhaugh	Ref: 161
Drane, A.B. 1999	Birklands and Bilhaugh / Buck Gates	Ref: 80
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. 2020	Birklands West and Ollerton Corner	Ref: 36
<i>Orchestes testaceus</i> (Müller, O.F., 1776)		
1904	Birklands and Bilhaugh	Ref: 1
<i>Rhamphus</i> Clairville, 1798		
<i>Rhamphus oxyacanthae</i> (Marshall, 1802)		
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Rhamphus pulicarius</i> (Herbst, 1795)		
Ryles, W.E. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Binding, A. and Binding, A.E. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Tachyerges</i> Schonherr, 1825		
<i>Tachyerges salicis</i> (Linnaeus, 1758)		
Ryles, W.E.	Birklands and Bilhaugh	Ref: 1
<i>Tachyerges stigma</i> (Germar, 1821)		
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
<i>Tychius</i> Germar, 1817		
<i>Tychius picirostris</i> (Fabricius, 1787)		
Kidson Taylor, J. 1912	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
<i>Ceutorhynchus</i> Germar, 1824		
<i>Ceutorhynchus alliariae</i> Brisout de Barneville, H., 1860		
Ryles, W.E. 1901	Birklands and Bilhaugh	Ref: 10
<i>Ceutorhynchus assimilis</i> (Paykull, 1792) sensu stricto.		
Carr, J.W. 1914	Birklands and Bilhaugh	Ref: 1
<i>Ceutorhynchus constrictus</i> (Marshall, 1802)		
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<i>Ceutorhynchus obstrictus</i> (Marshall, 1802)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<i>Ceutorhynchus pallidactylus</i> <b>Cabbage Stem Weevil</b> (Marshall, 1802)		
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Ceutorhynchus picitarsis</i> Gyllenhal, 1837		
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<i>Ceutorhynchus pyrrhorhynchus</i> (Marsham, 1802)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<i>Ceutorhynchus typhae</i> (Herbst, 1795)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Washington, C. 2014	Birklands and Bilhaugh	Ref: 161
<i>Coeliodes</i> Schönherr, 1837		
<i>Coeliodes rana</i> (Fabricius, 1787)		
Ryles, Taylor and Bedwell	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1912	Birklands and Bilhaugh	Ref: 10
Johnson, C. 1965	Birklands and Bilhaugh	Ref: 38
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
<i>Coeliodes ruber</i> (Marsham, 1802)		
Bedwell, E.C. 1908	Birklands and Bilhaugh	Ref: 1
<i>Coeliodes transversealbofasciatus</i> (Goeze, 1777)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<i>Coeliodinus</i> Wagner, 1942		
<i>Coeliodinus rubicundus</i> (Herbst, 1795)		
Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
1918	Birklands West and Ollerton Corner	Ref: 10
Morris, M.G. 1965	Birklands and Bilhaugh	Ref: 161
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Washington, C. 2000	Birklands and Bilhaugh	Ref: 161
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
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: 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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West and Ollerton Corner	Ref: 36
Washington, C. 2014	Birklands and Bilhaugh	Ref: 161
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Heaney, W. 2017	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drevitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Datonychus</i> Wagner, 1944		
<i>Datonychus arquatus</i> (Herbst, 1795)		
Fowler	Birklands and Bilhaugh	Ref: 1

Micrelus Thomson, C. G. 1859

*Micrelus ericae* **Small Heather Weevil** (Gyllenhal, 1813)

1912

Binding, A. and Binding, A.E. 1995

Birklands West and Ollerton Corner

Ref: 10

Birklands and Bilhaugh

Ref: 77

Nedyus Schönherr, 1825

*Nedyus quadrimaculatus* **Small Nettle Weevil** (Linnaeus, 1758)

Kidson Taylor, J.

Morris, M.G. 1965

Binding, A. and Binding, A.E. 1999

Drane, A.B. 2000

Drane, A.B. 2000

Godfrey, A. 2001

Denton, M.L. et al 2002

Godfrey, A. 2003

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

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

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

Binding, A.E. and Binding, A. 2009

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2012

Pendleton, T.A. and Pendleton, D.T. 2013

Washington, C. 2014

Pendleton, T.A. and Pendleton, D.T. 2014

Musgrove, A. 2017

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018

Pendleton, T.A. and Pendleton, D.T. 2018

Pendleton, T.A. 2020

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 161

Birklands and Bilhaugh

Ref: 77

Birklands and Bilhaugh

Ref: 75

Birklands and Bilhaugh / Proteus Sq

Ref: 80

Birklands and Bilhaugh / Buck Gates

Ref: 161

Birklands and Bilhaugh

Ref: 35

Birklands West / Sherwood Heath

Ref: 104

Birklands and Bilhaugh

Ref: 34

Birklands West / Clipstone Old Qtr

Ref: 36

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh

Ref: 111

Birklands and Bilhaugh

Ref: 36

Birklands West / Clipstone Old Qtr

Ref: 36

Birklands and Bilhaugh

Ref: 36

Birklands West / Clipstone Old Qtr

Ref: 36

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh

Ref: 161

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh

Ref: 142

Birklands and Bilhaugh

Ref: 131

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh

Ref: 36

Parethelcus Dieckmann, 1972

*Parethelcus pollinarius* (Forster, 1771)

Morris, M.G. 1965

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 161

Birklands West / Clipstone Old Qtr

Ref: 36

Thamiocolus Thomson, C. G., 1859

*Thamiocolus viduatus* Thomson, C.G., 1859

Marsh, B. 2003

Godfrey, A. 2004

Birklands West / Sherwood Heath

Ref: 105

Birklands West / Sherwood Heath

Ref: 105

Trichosirocalus Colonnelli, 1979

*Trichosirocalus troglodytes* (Fabricius, 1787)

Bedwell, E.C. and Kidson Taylor, J.

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh / Budby SF

Ref: 119

Phytobius Schönherr, 1833

*Phytobius leucogaster* (Marsham, 1802)

Ryles, W.E. 1916

Birklands and Bilhaugh

Ref: 1

Rhinoncus Schönherr, 1825

*Rhinoncus castor* (Fabricius, 1792)

Blatch, W.G. 1889

Binding, A.E. and Binding, A. 2009

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 111

Birklands West / Sherwood Heath

Ref: 36

*Rhinoncus pericarpus* (Linnaeus, 1758)

Drane, A.B. 2000

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

Birklands and Bilhaugh

Ref: 10

Birklands and Bilhaugh / Proteus Sq

Ref: 80

Birklands and Bilhaugh

Ref: 36

Cossonus Clairville, 1798

*Cossonus parallelepipedus*

Blatch, W.G. 1886

Birklands and Bilhaugh

Ref: 1

Johnson, C. 1963	Birklands West and Ollereton Corner	Ref: 38
<b>Euophryum Broun, 1909</b>		
<i>Euophryum confine</i> (Broun, 1881)		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Rhyncolus Germar, 1817</b>		
<i>Rhyncolus ater</i> (Linnaeus, 1758)		
Fowler and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<b>Phloeophagus Schönherr, 1838</b>		
<i>Phloeophagus lignarius</i> (Marsham, 1802)		
Blatch, W.G. Kidson Taylor, J. and Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
<b>Acalles Schönherr, 1825</b>		
<i>Acalles misellus</i> Boheman, 1844		
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
<b>Acalles ptinoides</b> (Marsham, 1802)		
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Kyklioacalles Stüben, 1999</b>		
<i>Kyklioacalles roboris</i> (Curtis, 1835)		
Denton, M.L. et al 2002	Birklands and Bilhaugh / Proteus Sq	Ref: 35
<b>Neliocarus Thomson, C. G. 1859</b>		
<i>Neliocarus nebulosus</i> (Stephens, 1831)		
Bedwell, E.C. and Golding, J.	Birklands and Bilhaugh	Ref: 1
Carr, J.W. 1913	Birklands and Bilhaugh	Ref: 1
Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
<b>Neliocarus sus Heather Weevil</b> (Stephens, 1831)		
Kidson Taylor, J. 1903	Birklands and Bilhaugh	Ref: 1
Morley and Carr, J.W. 1914	Birklands and Bilhaugh	Ref: 1
Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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: 34
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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Kenward, H.K. 2014	Birklands and Bilhaugh / Budby SF	Ref: 161
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36



Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

## **Strophosoma Billberg, 1820**

### ***Strophosoma capitatum* (De Geer, 1775)**

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
	Birklands West and Ollerton Corner	Ref: 10
Morris, M.G. 1965	Birklands and Bilhaugh	Ref: 161
Parsons, M.S. 1991	Birklands and Bilhaugh	Ref: 161
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Washington, C. 2014	Birklands and Bilhaugh	Ref: 161
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Parsons, M.S. 2015	Birklands and Bilhaugh	Ref: 161
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

### ***Strophosoma melanogrammum* Nut Leaf Weevil (Forster, 1771)**

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Morris, M.G. 1965	Birklands and Bilhaugh	Ref: 161
Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	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 / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Attactagenus Tournier, 1876

### *Attactagenus plumbeus* (Marsham, 1802)

Fowler	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36

## Philopedon Schönherr, 1826

### *Philopedon plagiatus* **Marram Weevil** (Schaller, 1783)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Tomlin, J.R. le B. 1908	Birklands and Bilhaugh	Ref: 1
Bedwell, E.C.	Birklands and Bilhaugh	Ref: 1
Hunter, F.A. 1981	Birklands and Bilhaugh	Ref: 76

## Otiorhynchus Germar, 1824

### *Otiorhynchus ligneus* (Olivier, 1807)

Fowler	Birklands and Bilhaugh	Ref: 1
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### *Otiorhynchus ovatus* (Linnaeus, 1758)

Bedwell, E.C. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108

### *Otiorhynchus singularis* **Raspberry Weevil** (Linnaeus, 1767)

Bedwell, E.C. Carr, J.W. Randall Jackson, A. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Denton, M.L. <i>et al</i> 2002	Birklands and Bilhaugh	Ref: 35
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

*Otiorhynchus sulcatus* **Vine Weevil** (Fabricius, 1775)

Pegler, S.	Birklands and Bilhaugh	Ref: 1
Morris, M.G. 1965	Birklands and Bilhaugh	Ref: 161
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

*Phyllobius* Germar, 1824

*Phyllobius argentatus* **Silver-Green Leaf Weevil** (Linnaeus, 1758)

Donisthorpe, H. Randall Jackson, A. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West and Ollerton Corner	Ref: 36

*Phyllobius glaucus* (Scopoli, 1763)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
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*Phyllobius maculicornis* **Green Leaf Weevil** Germar, 1824

Kidson Taylor, J. and Randall Jackson, A. 1903	Birklands and Bilhaugh	Ref: 1
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West and Ollerton Corner	Ref: 36

*Phyllobius oblongus* **Brown Leaf Weevil** (Linnaeus, 1758)

Birklands and Bilhaugh	Ref: 10
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*Phyllobius pomaceus* **Green Nettle Weevil** Gyllenhal, 1834

Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
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. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
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 West / Clipstone Old Qtr	Ref: 36
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Phyllobius pyri* **Common Leaf Weevil** (Linnaeus, 1758)

Kidson Taylor, J. and Randall Jackson, A.	Birklands and Bilhaugh	Ref: 1
	Birklands West and Ollerton Corner	Ref: 10
Morris, M.G. 1965	Birklands and Bilhaugh	Ref: 161
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Washington, C. 2013	Birklands and Bilhaugh	Ref: 161
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Phyllobius roboretanus* **Small Green Nettle Weevil** Gredler, 1882

Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

<i>Phyllobius virideaeris</i> (Laicharting, 1781)		
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Phyllobius viridicollis</i> (Laicharting, 1781)		
Kidson Taylor, J. and Bedwell, E.C.	Birklands and Bilhaugh	Ref: 1
<b>Liophloeus Germar, 1817</b>		
<i>Liophloeus tessellatus</i> (Müller, O.F., 1776)		
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
<b>Polydrusus Germar, 1817</b>		
<i>Polydrusus cervinus</i> (Linnaeus, 1758)		
Randall Jackson, A. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Morris, M.G. 1965	Birklands and Bilhaugh	Ref: 161
Binding, J. and Harris, A. 1995	Birklands and Bilhaugh	Ref: 77
Binding, A. and Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West and Ollerton Corner	Ref: 36
<i>Polydrusus pterygomalis</i> Boheman, 1840		
Bedwell, E.C. Ryles, W.E. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
<b>Barypeithes Jacquelin du Val, 1855</b>		
<i>Barypeithes araneiformis</i> (Schränk, 1781)		
1914	Birklands and Bilhaugh	Ref: 1
<i>Barypeithes pellucidus</i> (Boheman, 1834)		
Binding, J. and Harris, A. 1995	Birklands and Bilhaugh	Ref: 77
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Sciaphilus Schönherr, 1823</b>		
<i>Sciaphilus asperatus</i> (Bonsdorff, 1785)		
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
<b>Andrion Velázquez de Castro, 2007</b>		
<i>Andrion regensteinense</i> (Herbst, 1797)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Charagmus Schönherr, 1826</b>		
<i>Charagmus griseus</i> (Fabricius, 1775)		
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>Coelositona González, 1971</b>		
<i>Coelositona cambricus</i> (Stephens, 1831)		
Solman, D. 1981	Birklands and Bilhaugh	Ref: 24
<b>Sitona Germar, 1817</b>		
<i>Sitona hispidulus</i> (Fabricius, 1777)		
	Birklands West and Ollerton Corner	Ref: 10
<b><i>Sitona humeralis</i> Stephens, 1831</b>		
Solman, D. 1981	Birklands and Bilhaugh	Ref: 24
<b><i>Sitona lepidus</i> Gyllenhal, 1834</b>		
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Kenward, H.K. 2014	Birklands and Bilhaugh / Budby SF	Ref: 161
<b><i>Sitona lineatus</i> (Linnaeus, 1758)</b>		
Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 77
Drane, A.B. 2000	Birklands and Bilhaugh	Ref: 75
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Washington, C. 2014	Birklands and Bilhaugh	Ref: 161
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b><i>Sitona puncticollis</i> Stephens, 1831</b>		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
<b><i>Sitona striatellus</i> Gyllenhal, 1834</b>		
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
<b><i>Sitona suturalis</i> Stephens, 1831</b>		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
<b>Romualdius Borovec, 2009</b>		
<i>Romualdius angustisetulus</i> Hansen, 1915		
Marsh, B. 2003	Birklands West / Sherwood Heath	Ref: 105
<b>Tropiphorus Schönherr, 1842</b>		
<i>Tropiphorus terricola</i> (Newman, 1838)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Bratton, J.H. 1987	Birklands and Bilhaugh	Ref: 76

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
<b>Hypera Germar, 1817</b>		
<i>Hypera rumicis</i> (Linnaeus, 1758)		
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
<i>Hypera suspiciosa</i> (Herbst, 1795)		
Fowler	Birklands and Bilhaugh	Ref: 1
<i>Hypera venusta</i> (Fabricius, 1781)		
Ryles, W.E.	Birklands and Bilhaugh	Ref: 1
<b>Magdalis Germar, 1817</b>		
<i>Magdalis armigera</i> (Fourcroy, 1785)		
Chaster, G.W. and Fowler	Birklands and Bilhaugh	Ref: 1
<i>Magdalis carbonaria</i> (Linnaeus, 1758)		
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
<i>Magdalis cerasi</i> (Linnaeus, 1758)		
1903	Birklands and Bilhaugh	Ref: 1
1904	Birklands and Bilhaugh	Ref: 1
Kidson Taylor, J. 1905	Birklands and Bilhaugh	Ref: 1
Bedwell, E.C.	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1963	Birklands and Bilhaugh	Ref: 38
1965	Birklands and Bilhaugh	Ref: 75
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
<i>Magdalis ruficornis</i> (Linnaeus, 1758)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
<b>Leiosoma Stephens, 1829</b>		
<i>Leiosoma deflexum</i> (Panzer, 1795)		
Bedwell, E.C.	Birklands and Bilhaugh	Ref: 1
<b>Anoplus Germar, 1820</b>		
<i>Anoplus plantaris</i> (Naezen, 1794)		
Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
<b>Hylobius Germar, 1817</b>		
<i>Hylobius abietis</i> <b>Pine Weevil</b> (Linnaeus, 1758)		
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 80
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: 34
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
<b>Pissodes Germar, 1817</b>		
<i>Pissodes pini</i> (Linnaeus, 1758)		
Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 161

## Trachodes Germar, 1824

### *Trachodes hispidus* (Linnaeus, 1758)

Tomlin, J.R. le B.	Birklands and Bilhaugh	Ref: 1
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 79
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35

## Scolytus Geoffroy, 1762

### *Scolytus intricatus* **Oak Bark Beetle** (Ratzeburg, 1837)

Kidson Taylor, J. 1868	Birklands and Bilhaugh	Ref: 1
Blatch, W.G. 1889	Birklands and Bilhaugh	Ref: 1
Donisthorpe, H. 1907	Birklands and Bilhaugh	Ref: 1
Johnson, C. 1964	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Lott, D.A. 1998	Birklands and Bilhaugh	Ref: 7
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

### *Scolytus multistriatus* **Small Elm Bark Beetle** (Marsham, 1802)

Chaster, G.W.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36

### *Scolytus ratzeburgi* **Birch Bark Beetle** Janson, E.W., 1856

Blatch, W.G. 1885	Birklands and Bilhaugh	Ref: 1
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## Pityophthorus Eichhoff, 1864

### *Pityophthorus pubescens* (Marsham, 1802)

Drane, A.B. 2000	Birklands and Bilhaugh / Proteus Sq	Ref: 161
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## Dryocoetes Eichhoff, 1864

### *Dryocoetes villosus*

Bedwell, E.C. Ryles, W.E. and Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
Beare, T.H. 1924	Birklands and Bilhaugh	Ref: 1
Johnson, C.	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Denton, M.L. et al 2002	Birklands and Bilhaugh	Ref: 35
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131

## Orthotomicus Ferrari, 1867

### *Orthotomicus laricis* (Fabricius, 1792)

Blatch, W.G. 1885	Birklands and Bilhaugh	Ref: 1
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## Trypodendron Stephens, 1830

### *Trypodendron domesticum* (Linnaeus, 1758)

Kidson Taylor, J. Blatch, W.G. and Horner 1868	Birklands and Bilhaugh	Ref: 1
Johnson, C.	Birklands and Bilhaugh	Ref: 38
Lott, D.A. 1998	Birklands West and Ollerton Corner	Ref: 7
Denton, M.L. et al 2002	Birklands and Bilhaugh / Buck Gates	Ref: 35
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 34
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. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Hylesinus Fabricius, 1801

### *Hylesinus varius* **Ash Bark Beetle** (Fabricius, 1775)

Kidson Taylor, J.	Birklands and Bilhaugh	Ref: 1
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Kissophagus Chapuis, 1869

*Kissophagus hederæ* (Schmitt, 1843)

Pendleton, T.A. 2020

Birklands and Bilhaugh

Ref: 36

Hylastes Erichson, 1836

*Hylastes ater* (Paykull, 1800)

Chaster, G.W. Kidson Taylor, J. and Tomlin, J.R. le B.

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

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands and Bilhaugh

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Birklands West / Clipstone Old Qtr

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Birklands and Bilhaugh / Budby SF

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 36

*Hylastes opacus* Erichson, 1836

Fowler

Pendleton, T.A. and Pendleton, D.T. 2014

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh / Budby SF

Ref: 36

Hylurgops LeConte, 1876

*Hylurgops palliatus* (Gyllenhal, 1813)

Drane, A.B. 2000

Birklands and Bilhaugh

Ref: 75

## Species List: Diptera - True Flies

### ORDER DIPTERA

#### Brachystomatidae

Heleodromia Haliday, 1833

*Heleodromia immaculata* Haliday, 1833

Godfrey, A. 2010

Birklands and Bilhaugh

Ref: 123

#### Tipulidae

Ctenophora Meigen, 1803

*Ctenophora ornata* Meigen, 1818

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

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands West / Clipstone Old Qtr

Ref: 36

Wright, S. and Osborne, J. 2018

Birklands and Bilhaugh / Budby SF

Ref: 164

*Ctenophora pectinicornis* (Linnaeus, 1758)

Blatch, W.G.

Birklands and Bilhaugh

Ref: 1

Carr, L.A. 1912

Birklands and Bilhaugh

Ref: 1

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 36

Godfrey, A. 2010

Birklands and Bilhaugh / Buck Gates

Ref: 123

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West / Clipstone Old Qtr

Ref: 36

Dictenidia Brullé, 1833

*Dictenidia bimaculata* (Linnaeus, 1761)

Wainwright, C.J. 1889

Birklands and Bilhaugh

Ref: 1

1960

Birklands and Bilhaugh

Ref: 122

Nephrotoma Meigen, 1803

*Nephrotoma analis* (Schummel, 1833)

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh / Budby SF

Ref: 119

*Nephrotoma appendiculata* (Pierre, 1919)

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Budby SF

Ref: 119

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016

Birklands and Bilhaugh

Ref: 36

*Nephrotoma crocata* (Linnaeus, 1758)

Bradley, R.C. and Wainwright, C.J. 1892

Birklands and Bilhaugh

Ref: 1

*Nephrotoma flavescens* (Linnaeus, 1758)

Carr, L.A. 1912

Birklands West and Ollerton Corner

Ref: 1

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West / Sherwood Heath

Ref: 36

*Nephrotoma quadrifaria* (Meigen, 1804)

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

Tanyptera Latreille, 1804

*Tanyptera nigricornis* (Meigen, 1818)

Bradley, R.C. 1892

Birklands and Bilhaugh

Ref: 1

Carr, L.A. 1912

Birklands and Bilhaugh

Ref: 1

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

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Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Budby SF

Ref: 119

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2015

Birklands and Bilhaugh

Ref: 36

Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018

Birklands and Bilhaugh

Ref: 149

Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018

Birklands and Bilhaugh / Budby SF

Ref: 149

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands and Bilhaugh

Ref: 36

## Tipula Linnaeus, 1758

### *Tipula confusa* van der Wulp, 1883

Carr, L.A. 1914  
Godfrey, A. 2004

Birklands West and Ollerton Corner Ref: 1  
Birklands West / Sherwood Heath Ref: 105

### *Tipula flavolineata* Meigen, 1804

Godfrey, A. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Buck Gates Ref: 123  
Birklands and Bilhaugh / Budby SF Ref: 119

### *Tipula irrorata* Macquart, 1826

Godfrey, A. 2010

Birklands and Bilhaugh / Buck Gates Ref: 123

### *Tipula lateralis* Meigen, 1804

Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 119

### *Tipula lunata* Linnaeus, 1758

Carr, L.A. 1912  
Carr, L.A. 1914  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2012

Birklands West and Ollerton Corner Ref: 1  
Birklands West and Ollerton Corner Ref: 1  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh Ref: 36

### *Tipula oleracea* Linnaeus, 1758

Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West and Ollerton Corner Ref: 1  
Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 119

### *Tipula paludosa* Meigen, 1830

Godfrey, A. 2004  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West / Sherwood Heath Ref: 105  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh / Budby SF Ref: 119

### *Tipula rufina* Meigen, 1818

Carr, L.A. 1914  
Joynt, G. 2011

Birklands West and Ollerton Corner Ref: 1  
Birklands and Bilhaugh Ref: 73

### *Tipula scripta* Meigen, 1830

Carr, L.A. 1912  
Carr, L.A. 1912  
Pendleton, T.A. and Pendleton, D.T. 2012

Birklands West and Ollerton Corner Ref: 1  
Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 36

### *Tipula submarmorata* Schummel, 1833

Carr, L.A. 1914

Birklands West and Ollerton Corner Ref: 1

### *Tipula varipennis* Meigen, 1818

Carr, L.A. 1914  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2012

Birklands West and Ollerton Corner Ref: 1  
Birklands West and Ollerton Corner Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh Ref: 36

### *Tipula vernalis* Meigen, 1804

Carr, L.A.

Birklands West and Ollerton Corner Ref: 1

## Pediciidae

### Dicranota Zetterstedt, 1838

#### *Dicranota bimaculata* (Schummel, 1829)

Carr, L.A. 1914

Birklands West and Ollerton Corner Ref: 1

Tricyphona Zetterstedt, 1838 <i>Tricyphona immaculata</i> (Meigen, 1804) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Ula Haliday, 1833 <i>Ula sylvatica</i> (Meigen, 1818) Godfrey, A. 2010 Godfrey, A. 2010	Birklands and Bilhaugh Birklands and Bilhaugh / Buck Gates	Ref: 123 Ref: 123
<b>Limonidae</b>		
Austrolimnophila Alexander, 1920 <i>Austrolimnophila ochracea</i> (Meigen, 1804) Godfrey, A. 2010 Godfrey, A. 2010 Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh Birklands and Bilhaugh / Buck Gates Birklands and Bilhaugh	Ref: 123 Ref: 123 Ref: 131
Cheilotrichia Rossi, 1848 <i>Cheilotrichia cinerescens</i> (Meigen, 1804) Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
<i>Cheilotrichia nubila</i> (Meigen, 1818) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Dicranomyia Stephens, 1829 <i>Dicranomyia didyma</i> (Meigen, 1804) Carr, L.A. 1914 Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands West and Ollerton Corner Birklands and Bilhaugh	Ref: 1 Ref: 131
<i>Dicranomyia modesta</i> (Meigen, 1818) Carr, L.A. 1914 Godfrey, A. 2004	Birklands West and Ollerton Corner Birklands West / Sherwood Heath	Ref: 1 Ref: 105
Epiphragma Osten Sacken, 1860 <i>Epiphragma ocellare</i> (Linnaeus, 1761) Carr, L.A. 1912 Carr, L.A. 1914 Godfrey, A. 2010	Birklands West and Ollerton Corner Birklands West and Ollerton Corner Birklands and Bilhaugh / Buck Gates	Ref: 1 Ref: 1 Ref: 123
Erioconopa Starý, 1976 <i>Erioconopa trivialis</i> (Meigen, 1818) Bradley, R.C. 1892	Birklands and Bilhaugh	Ref: 1
Erioptera Meigen, 1803 <i>Erioptera lutea</i> Meigen, 1804 Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Euphyllidorea Alexander, 1972 <i>Euphyllidorea dispar</i> (Meigen, 1818) 1912	Birklands and Bilhaugh	Ref: 1
Limonia Meigen, 1803 <i>Limonia maculipennis</i> (Meigen, 1818) Bradley, R.C. 1892	Birklands and Bilhaugh	Ref: 1
<i>Limonia nubeculosa</i> Maigen, 1804 Godfrey, A. 2004 Godfrey, A. 2010 Godfrey, A. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands West / Sherwood Heath Birklands and Bilhaugh Birklands and Bilhaugh / Buck Gates Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 105 Ref: 123 Ref: 123 Ref: 119 Ref: 131
<i>Limonia phragmitidis</i> (Schrank 1781) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1

<i>Limonia trivittata</i> (Schummel, 1829)		
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<b>Lipsothrix Loew, 1873</b>		
<i>Lipsothrix errans</i> (Walker, 1848)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<b>Molophilus Curtis, 1833</b>		
<i>Molophilus griseus</i> (Meigen, 1804)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Molophilus obscurus</i> (Meigen, 1818)		
1914	Birklands and Bilhaugh	Ref: 1
<i>Molophilus undulatus</i> Tonnoir in Goetghebuer & Tonnoir, 1920		
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
<b>Neolimnomyia Séguy, 1937</b>		
<i>Neolimonia dumetorum</i> (Meigen, 1804)		
1912	Birklands West and Ollerton Corner	Ref: 1
<b>Neolimonia Alexander, 1964</b>		
<i>Neolimonia dumetorum</i> (Meigen, 1804)		
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
<b>Ormosia Rondani, 1856</b>		
<i>Ormosia lineata</i> (Meigen, 1804)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Ormosia nodulosa</i> (Macquart, 1826)		
1912	Birklands and Bilhaugh	Ref: 1
<b>Phylidorea Bigot, 1854</b>		
<i>Phylidorea ferruginea</i> (Meigen, 1818)		
Bradley, R.C. 1892	Birklands and Bilhaugh	Ref: 1
<b>Rhipidia Meigen, 1818</b>		
<i>Rhipidia maculata</i> Meigen, 1818		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
<b>Bibionidae</b>		
<b>Bibio Geoffroy, 1762</b>		
<i>Bibio anglicus</i> Verrall, 1869		
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<i>Bibio hortulanus</i> (Linnaeus, 1758)		
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<i>Bibio lanigerus</i> Meigen, 1818		
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Bibio leucopterus</i> Meigen, 1804		
1914	Birklands West and Ollerton Corner	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<b><i>Bibio marci</i> (Linnaeus, 1785)</b>		
Binding, A.E. 2009	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<b><i>Bibio nigriventris</i> Halliday, 1833</b>		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<b><i>Bibio pomonae</i> (Fabricius, 1775)</b>		
Joynt, G. 2011	Birklands and Bilhaugh	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<b><i>Bibio reticulatus</i> Loew, 1846</b>		
Musgrove, A. Privately held record	Birklands and Bilhaugh / Budby SF	Ref: 142
<b><i>Bibio venosus</i> (Meigen, 1804)</b>		
1914	Birklands West and Ollerton Corner	Ref: 1
<b><i>Dilophus</i> Meigen, 1803</b>		
<b><i>Dilophus femoratus</i> Meigen, 1804</b>		
1912	Birklands West and Ollerton Corner	Ref: 1
1912	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<b><i>Dilophus febrilis</i> Zetterstedt, 1850</b>		
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
<b>Bolitophilidae</b>		
<b><i>Bolitophila</i> Meigen, 1818</b>		
<b><i>Bolitophila basicornis</i> (Mayer, 1951)</b>		
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
<b>Mycetophilidae</b>		
<b><i>Apolephthisa</i> Grzegorzek, 1885</b>		
<b><i>Apolephthisa subincana</i> (Curtis, 1837)</b>		
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
<b><i>Boletina</i> Staeger, 1840</b>		
<b><i>Boletina plana</i> Walker, 1856</b>		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1

Cordyla Meigen, 1803 <i>Cordyla crassicornis</i> Meigen, 1818 Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Exechia Winnertz, 1863 <i>Exechia fusca</i> (Meigen, 1804) Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
<i>Exechia spinuligera</i> Lundström, 1912 Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Leia Meigen, 1818 <i>Leia subfasciata</i> (Meigen, 1818)	Birklands West and Ollerton Corner	Ref: 1
<i>Leia winthemi</i> Lehmann, 1822 Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Mycetophila Meigen, 1803 <i>Mycetophila britannica</i> Lastovka & Kidd, 1975 Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
<i>Mycetophila curviseta</i> Lundström, 1911 Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
<i>Mycetophila fungorum</i> (De Geer 1776) Carr, L.A. 1914 Godfrey, A. 2004	Birklands West and Ollerton Corner Birklands West / Sherwood Heath	Ref: 1 Ref: 105
<i>Mycetophila ruficollis</i> Meigen, 1818 Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Mycetophila ocellus</i> Walker, 1848 Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
<i>Mycetophila signatoides</i> Dziedzicki, 1884 Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
Mycomya Rondani, 1856 <i>Mycomya annulata</i> (Meigen, 1818) Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
<i>Mycomya circumdata</i> (Staeger, 1840) 1918 Godfrey, A. 2004	Birklands and Bilhaugh Birklands West / Sherwood Heath	Ref: 122 Ref: 105
<i>Mycomya marginata</i> (Meigen, 1818) Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> / 2018	Birklands and Bilhaugh	Ref: 131
<i>Mycomya ornata</i> (Meigen, 1818) 1918	Birklands and Bilhaugh	Ref: 122
<i>Mycomya wankowiczii</i> (Dziedzicki, 1885) Godfrey, A. 2004 Godfrey, A. 2010	Birklands West / Sherwood Heath Birklands and Bilhaugh	Ref: 105 Ref: 123
Neuratelia Rondani, 1856 <i>Neuratelia nemoralis</i> (Meigen, 818) Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
Paratinia Mik, 1874 <i>Paratinia sciarina</i> Mik, 1874 Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
Phronia Winnertz, 1863 <i>Phronia nitidiventris</i> (van der Wulp, 859) Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105

Phthinia Winnertz, 1863 <i>Phthinia humilis</i> Winnertz, 1864 Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Sceptonia Winnertz, 1863 <i>Sceptonia nigra</i> (Meigen, 1804) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Synapha Meigen, 1818 <i>Synapha vitripennis</i> (Meigen, 1818) Carr, L.A. 1914 Godfrey, A. 2010 Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 123 Ref: 131
Tetragoneura Winnertz, 1846 <i>Tetragoneura sylvatica</i> (Curtis, 1837) Godfrey, A. 2004 Godfrey, A. 2010 Godfrey, A. 2010 Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands West / Sherwood Heath Birklands and Bilhaugh Birklands and Bilhaugh / Buck Gates Birklands and Bilhaugh	Ref: 105 Ref: 123 Ref: 123 Ref: 131
Zygomyia Winnertz, 1863 <i>Zygomyia pictipennis</i> (Staeger, 1840) Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
<b>Ditomyiidae</b>		
Ditomyia Winneryz, 1846 <i>Ditomyia fasciata</i> (Meigen, 1818) Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
<b>Keroplastidae</b>		
Macrocera Meigen, 1803 <i>Macrocera centralis</i> Meigen, 1818 1912 1914	Birklands and Bilhaugh Birklands West and Ollerton Corner	Ref: 1 Ref: 1
<i>Macrocera fasiata</i> Meigen, 1804 Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
<i>Macrocera lutea</i> Meigen, 1804 1912	Birklands West and Ollerton Corner	Ref: 1
<i>Macrocera stigmoides</i> Edwards, 925 Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
<i>Macrocera vittata</i> Meigen, 1830 Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Orfelia Costa, 1857 <i>Orfelia fasciata</i> (Meigen, 1804) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Orfelia ochracea</i> (Meigen, 1818) Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
<i>Orfelia nemoralis</i> (Meigen, 1818)	Birklands West and Ollerton Corner	Ref: 1
<i>Orfelia pallida</i> (Staeger, 1840) Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123



## Sciaridae

Lycoriella Frey, 1942

*Lycoriella ingenua* (Dufour, 1839)

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. *et al* 2018

Birklands and Bilhaugh

Ref: 131

Sciara Meigen, 1803

*Sciara hemeroboides* (Scopoli, 1763)

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh / Budby SF

Ref: 119

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Budby SF

Ref: 119

Schwenckfeldina Frey, 1942

*Schwenckfeldina carbonaria* (Meigen, 1830)

1912

Birklands West and Ollerton Corner

Ref: 1

1912

Birklands and Bilhaugh

Ref: 1

1913

Birklands West and Ollerton Corner

Ref: 1

1913

Birklands and Bilhaugh

Ref: 1

1914

Birklands West and Ollerton Corner

Ref: 1

1914

Birklands and Bilhaugh

Ref: 1

## Psychodidae

Boreoclytocerus (Meigen, 1804)

*Boreoclytocerus ocellaris* (Meigen, 1804)

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. *et al* 2018

Birklands and Bilhaugh

Ref: 131

Pericoma Haliday in Walker, 1856

*Pericoma gracilis* Eaton, 1893

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

*Pericoma nubila* (Meigen, 1818)

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

*Pericoma trivialis* Eaton, 1893

Birklands West and Ollerton Corner

Ref: 1

Psychoda Latreille, 1796

*Psychoda albipennis* Zetterstedt, 1850

1912

Birklands West and Ollerton Corner

*Psychoda setigera* Tonnoir, 1922

Godfrey, A. 2010 Birklands and Bilhaugh / Buck Gates

## Anisopodidae

Sylvicola Harris, 1780

*Sylvicola cinctus* (Fabricius, 1787)

Godfrey, A. 2010

Birklands and Bilhaugh / Buck Gates

Ref: 123

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. *et al* 2018

Birklands and Bilhaugh

Ref: 131

*Sylvicola punctatus* (Fabricius, 1787)

1912

Birklands and Bilhaugh

Ref: 1

Godfrey, A. 2010

Birklands and Bilhaugh / Buck Gates

Ref: 123

*Sylvicola zetterstedti* (Edwards, 1923)

Godfrey, A. 2006

Birklands West / Sherwood Heath

Ref: 108

## Mycetobiidae

Mycetobia Meigen, 1818

*Mycetobia pallipes*

Godfrey, A. 2010

Birklands and Bilhaugh / Buck Gates

Ref: 123

## Scatopsidae

Apiloscatopse Cook, 1974

*Apiloscatopse flavicollis* (Meigen, 1818)

Godfrey, A. 2004

Birklands West / Sherwood Heath

Ref: 105

<i>Apiloscatopse picea</i> (Meigen, 1818) Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
<i>Holoplagia</i> Enderlein, 1912 <i>Holoplagia richardsi</i> (Edwards, 1934) Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
<b>Chaoboridae</b>		
<i>Chaoborus</i> Lichtenstein, 1800 <i>Chaodorus crystallinus</i> (De Geer, 1776) 1912	Birklands West and Ollerton Corner	Ref: 1
<i>Mochlonyx</i> Loew, 1844 <i>Mochlonyx velutinus</i> (Ruthe, 1831) 1912	Birklands West and Ollerton Corner	Ref: 1
<b>Culicidae</b>		
<i>Culex</i> Linnaeus, 1758 <i>Culex pipiens</i> Linnaeus, 1758 1915	Birklands and Bilhaugh	Ref: 1
<i>Culiseta</i> Felt, 1904 <i>Culiseta fumipennis</i> (Stephens, 1825) Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
<i>Ochlerotatus</i> Lynch Arribalzaga, 1891 <i>Ochlerotatus cantans</i> (Meigen, 1818) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<b>Simuliidae</b>		
<i>Simulium</i> Latreille, 1802 <i>Simulium argyreatum</i> (Meigen, 1838) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Simulium posticatum</i> (Meigen, 1838) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Simulium ornatum infrasp.complex</i> Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<b>Ceratopogonidae</b>		
<i>Bezzia</i> Kieffer, 1899 <i>Bezzia winnertziana</i> Kieffer, 1919 Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Culicoides</i> Latreille, 1809 <i>Culicoides obsoletus</i> (Meigen, 1818) 1914	Birklands and Bilhaugh	Ref: 1
<b>Chironomidae</b>		
<i>Ablabesmyia</i> Johannsen, 1905 <i>Ablabesmyia monilis</i> (Linnaeus, 1758) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Apsectrotanypus</i> Fittkau, 1962 <i>Apsectrotanypus trifascipennis</i> (Zetterstedt, [1838]) Carr, L.A. 1912 Carr, L.A. 1914	Birklands West and Ollerton Corner Birklands West and Ollerton Corner	Ref: 1 Ref: 1

Chironomus Meigen, 1803		
<i>Chironomus anthracinus</i> Zetterstedt, 1860		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Chironomus dorsalis</i> Meigen, 1818		
1912	Birklands West and Ollerton Corner	Ref: 1
1914	Birklands West and Ollerton Corner	Ref: 1
<i>Chironomus plumosus</i> (Linnaeus, 1758)		
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1913	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1913	Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1914	Birklands and Bilhaugh	Ref: 1
<i>Chironomus riparius</i> Meigen, 1804		
1912	Birklands and Bilhaugh	Ref: 1
1914	Birklands West and Ollerton Corner	Ref: 1
Cricotopus van der Wulp, 1874		
<i>Cricotopus bicinctus</i> (Meigen, 1818)		
1914	Birklands West and Ollerton Corner	Ref: 1
<i>Cricotopus tricinctus</i> (Meigen, 1818)		
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Macropelopia Thienemann, 1916		
<i>Macropelopia nebulosa</i> (Meigen, 1804)		
1912	Birklands West and Ollerton Corner	Ref: 1
Microtendipes Kieffer, 1915		
<i>Microtendipes pedellus</i> (De Geer, 1776)		
1912	Birklands and Bilhaugh	Ref: 1
Paratendipes Kieffer, 1911		
<i>Paratendipes albimanus</i> (Meigen, 1818)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Synendotendipes Grodhaus, 1987		
<i>Synendotendipes dispar</i> (Meigen, 1830)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Tanypus Meigen, 1803		
<i>Tanypus punctipennis</i> Meigen, 1818		
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<b>Xylophagidae</b>		
Xylophagus Meigen, 1803		
<i>Xylophagus ater</i> Meigen, 1804		
Bradley, R.C. 1892	Birklands and Bilhaugh	Ref: 1
1987	Birklands and Bilhaugh	Ref: 122
Whiteley, D. 1998	Birklands and Bilhaugh / Buck Gates	Ref: 79
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<b>Rhagionidae</b>		
Chrysopilus Macquart, 1826		
<i>Chrysopilus cristatus</i> (Fabricius, 1775)		
1912	Birklands and Bilhaugh	Ref: 1
1912	Birklands West and Ollerton Corner	Ref: 1

1914	Birklands West and Ollerton Corner	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<b>Rhagio Fabricius, 1775</b>		
<i>Rhagio lineola</i> Fabricius, 1794		
1911	Birklands and Bilhaugh	Ref: 1
1912	Birklands and Bilhaugh	Ref: 1
1914	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Rhagio scolopaceus</i> (Linnaeus, 1758)		
1903	Birklands and Bilhaugh / Budby SF	Ref: 1
1912	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Rhagio tringarius</i> (Linnaeus, 1758)		
1914	Birklands West and Ollerton Corner	Ref: 1
<b>Tabanidae</b>		
<i>Chrysops</i> Meigen, 1803		
<i>Chrysops caecutiens</i> (Linnaeus, 1758)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Hemingway, D.G. 2006	Birklands and Bilhaugh	Ref: 79
<i>Haematopota</i> Meigen, 1803		
<i>Haematopota pluvialis</i> (Linnaeus, 1758)		
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner	Ref: 1
	Birklands and Bilhaugh / Budby SF	Ref: 119
<i>Hybomitra</i> Enderlein, 1922		
<i>Hybomitra distinguenda</i> (Verrall, 1909)		
Becter, Rev. W. 1886	Birklands and Bilhaugh	Ref: 1
<i>Hybomitra muehlfeldi</i> (Brauer in Brauer & von Bergenstamm, 1880)		
Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
<b>Stratiomyidae</b>		
<i>Beris</i> Latreille, 1802		
<i>Beris chalybata</i> (Forster, 1771)		
Carr, L.A.	Birklands West and Ollerton Corner	Ref: 1
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<i>Beris morrisii</i> Dale, 1841		
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
<i>Beris vallata</i> (Forster, 1771)		
1912	Birklands West and Ollerton Corner	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Chloromyia</i> Duncan, 1837		
<i>Chloromyia formosa</i> (Scopoli, 1763)		
Whiteley, D. 1989	Birklands West / Sherwood Heath	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Bentley, H. 2015	Birklands and Bilhaugh	Ref: 162

Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
<b>Microchrysa</b> Loew, 1855		
<i>Microchrysa flavicornis</i> (Meigen, 1822)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Microchrysa polita</i> (Linnaeus, 1758)		
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
<b>Pachygaster</b> Meigen, 1803		
<i>Pachygaster atra</i> (Panzer, [1798])		
2015	Birklands West / Sherwood Heath	Ref: 165
<b>Stratiomys</b> Geoffroy, 1762		
<i>Stratiomys potadima</i> Meigen, 1822		
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Acroceridae</b>		
<b>Acrocera</b> Meigen, 1803		
<i>Acrocera orbiculus</i> (Fabricius, 1787)		
Donisthorpe, teste Verrall	Birklands and Bilhaugh	Ref: 1
<b>Ogcodes</b> Latreille, 1796		
<i>Ogcodes gibbosus</i> (Linnaeus, 1758)		
Donisthorpe	Birklands and Bilhaugh	Ref: 1
<b>Bombyliidae</b>		
<b>Bombylius</b> Linnaeus, 1758		
<i>Bombylius major</i> Linnaeus, 1758		
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>Therevidae</b>		
<b>Thereva</b> Latreille, 1796		
<i>Thereva nobilitata</i> (Fabricius, 1775)		
Wainwright, C.J. 1912	Birklands and Bilhaugh	Ref: 1
<b>Asilidae</b>		
<b>Dioctria</b> Meigen, 1803		
<i>Dioctria baumhaueri</i> Meigen, 1820		
Wainwright, C.J. 1889	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Dioctria oelandica</i> (Linnaeus, 1758)		
Wainwright, C.J.	Birklands and Bilhaugh	Ref: 1
<i>Dioctria rufipes</i> (De Geer, 1776)		
Wainwright, C.J. 1889	Birklands and Bilhaugh	Ref: 1
Carr, J.W. 1903	Birklands and Bilhaugh / Budby SF	Ref: 1
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Whiteley, D. 1998	Birklands and Bilhaugh / Buck Gates	Ref: 79
Whiteley, D. 2003	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2020	Birklands and Bilhaugh	Ref: 36

Dysmachus Loew, 1860 <i>Dysmachus trigonus</i> (Meigen, 1804) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Leptogaster Meigen, 1803 <i>Leptogaster cylindrica</i> (De Geer, 1776) Carr, L.A. 1912 Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 36
<i>Leptogaster guttiventris</i> Zetterstedt, 1842 Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
Machimus Loew, 1849 <i>Machimus atricapillus</i> Fallén, 1814 Robinson and Carr, L.A. 1912 Brackenbury, A. 1989 Brackenbury, A. 1995 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2015 Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh Birklands West / Sherwood Heath Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 1 Ref: 79 Ref: 79 Ref: 119 Ref: 119 Ref: 36 Ref: 36
<i>Machimus cingulatus</i> (Fabricius, 1781) Coldwell, J. 1989 Whiteley, D. 1989 Whiteley, D. 2001 Godfrey, A. 2003	Birklands West / Sherwood Heath Birklands West / Sherwood Heath Birklands West / Sherwood Heath Birklands West / Sherwood Heath	Ref: 79 Ref: 79 Ref: 79 Ref: 104
Neoitamus Osten Sacken, 1878 <i>Neoitamus cyanurus</i> (Loew, 1849) Wainwright, C.J. 1889 Godfrey, A. 2010 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2017 Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh Birklands and Bilhaugh / Buck Gates Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 123 Ref: 36 Ref: 36 Ref: 36
<b>Hybotidae</b>		
Bicellaria Macquart, 1823 <i>Bicellaria nigra</i> (Meigen, 1824) Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> / 2018	Birklands and Bilhaugh	Ref: 131
Crossopalpus Bigot, 1857 <i>Crossopalpus curvipes</i> (Meigen, 1822) 1914 <i>Crossopalpus humilis</i> (Frey, 1913) Godfrey, A. 2004 Godfrey, A. 2010	Birklands and Bilhaugh Birklands West / Sherwood Heath Birklands and Bilhaugh / Buck Gates	Ref: 1 Ref: 105 Ref: 123
Drapetis Meigen, 1822 Subgenus Elaphropeza Macquart, 1827 <i>Elaphropeza ephippiata</i> (Fallén, 1815) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Euthyneura Macquart, 1836 <i>Euthyneura halidayi</i> Collin, 1926 Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
<i>Euthyneura myrtilli</i> Macquart, 1836 Godfrey, A. 2010 Godfrey, A. 2010	Birklands and Bilhaugh Birklands and Bilhaugh / Buck Gates	Ref: 123 Ref: 123
Leptopeza Macquart, 1834 justified emend <i>Leptopeza flavipes</i> (Meigen, 1820) Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123

<b>Ocydromia Meigen, 1820</b>			
<i>Ocydromia glabricula</i> (Fallén, 1816)			
1912		Birklands and Bilhaugh	Ref: 1
1914		Birklands West and Ollerton Corner	Ref: 1
Godfrey, A. 2004		Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2010		Birklands and Bilhaugh	Ref: 123
<b>Oedalea Meigen, 1820</b>			
<i>Oedalea flavipes</i> Zetterstedt, 1842			
Godfrey, A. 2010		Birklands and Bilhaugh	Ref: 123
Godfrey, A. 2010		Birklands and Bilhaugh / Buck Gates	Ref: 123
<b>Oedalea holmgreni Zetterstedt, 1852</b>			
Carr, L.A. 1914		Birklands West and Ollerton Corner	Ref: 1
Godfrey, A. 2010		Birklands and Bilhaugh / Buck Gates	Ref: 123
<b>Oedalea tibialis Macquart, 1827</b>			
Godfrey, A. 2010		Birklands and Bilhaugh / Buck Gates	Ref: 123
<b>Trichinomyia Tuomikoski, 1959</b>			
<i>Trichinomyia flavipes</i> (Meigen, 1830)			
Godfrey, A. 2004		Birklands West / Sherwood Heath	Ref: 105
<b>Platypalpus Macquart, 1827</b>			
<i>Platypalpus agilis</i> (Meigen, 1822)			
Carr, L.A. 1912		Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1912		Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1913		Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1913		Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1914		Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1914		Birklands and Bilhaugh	Ref: 1
<b>Platypalpus annulipes (Meigen, 1822)</b>			
Carr, L.A. 1914		Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1914		Birklands West and Ollerton Corner	Ref: 1
<b>Platypalpus candicans (Fallén, 1815)</b>			
Godfrey, A. 2010		Birklands and Bilhaugh / Buck Gates	Ref: 123
<b>Platypalpus cursitans (Fabricius, 1775)</b>			
Carr, L.A. 1912		Birklands and Bilhaugh	Ref: 1
<b>Platypalpus longicornis (Meigen, 1822)</b>			
Carr, L.A. 1914		Birklands West and Ollerton Corner	Ref: 1
Godfrey, A. 2010		Birklands and Bilhaugh / Buck Gates	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2011		Birklands and Bilhaugh / Budby SF	Ref: 119
<b>Platypalpus longiseta (Zetterstedt, 1842)</b>			
Godfrey, A. 2010		Birklands and Bilhaugh / Buck Gates	Ref: 123
<b>Platypalpus luteus (Meigen, 1804)</b>			
Carr, L.A. 1914		Birklands West and Ollerton Corner	Ref: 1
<b>Platypalpus minutus (Meigen, 1804)</b>			
1914		Birklands West and Ollerton Corner	Ref: 1
Godfrey, A. 2004		Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2010		Birklands and Bilhaugh / Buck Gates	Ref: 123
<b>Platypalpus nigratarsis (Fallén, 1816)</b>			
Godfrey, A. 2004		Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2011		Birklands and Bilhaugh / Budby SF	Ref: 119
<b>Platypalpus pallidiventris (Meigen, 1822)</b>			
Godfrey, A. 2006		Birklands West / Sherwood Heath	Ref: 108
Godfrey, A. 2010		Birklands and Bilhaugh / Buck Gates	Ref: 123

<i>Platypalpus pallipes</i> (Fallén, 1815) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Platypalpus tonsus</i> (Collin, 1926) 1987	Birklands and Bilhaugh	Ref: 122
<i>Platypalpus verralli</i> (Collin, 1926) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<b>Tachypeza Meigen, 1830</b>		
<i>Tachypeza nubila</i> (Meigen, 1804) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Alexander, K.N.A. 2009	Birklands and Bilhaugh / Buck Gates	Ref: 112
Alexander, K.N.A. 2009	Birklands and Bilhaugh	Ref: 112
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Trichina Meigen, 1830</b>		
<i>Trichina clavipes</i> Meigen, 1830 Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
<b>Empididae</b>		
<b>Bicellaria Macquart, 1823</b>		
<i>Bicellaria pilosa</i> Lundbeck, 1910 Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Bicellaria sulcata</i> (Zetterstedt, 1842) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<b>Dolichocephala Macquart, 1823</b>		
<i>Dolichocephala guttata</i> (Haliday, 1833) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<b>Empis Linnaeus, 1758</b>		
<i>Empis aestiva</i> Loew, 1867 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Empis albinervis</i> Meigen, 1822 Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Empis albohirta</i> (Collin, 1926) Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
<i>Empis caudatula</i> Loew, 1867 Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Empis chioptera</i> Meigen, 1804 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Empis digramma</i> Meigen in Gistel, 1835 Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<i>Empis longipes</i> Meigen, 1804 Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Empis nigripes</i> Fabricius, 1794 Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Empis nuntia</i> Meigen, 1838 1912	Birklands and Bilhaugh	Ref: 1



1914		Birklands and Bilhaugh	Ref: 1
<i>Empis opaca</i> Meigen, 1804			
Carr, L.A.		Birklands West and Ollerton Corner	Ref: 1
Carr, L.A.		Birklands West and Ollerton Corner	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2017		Birklands and Bilhaugh	Ref: 36
<i>Empis pennipes</i> Linnaeus, 1758			
1912		Birklands and Bilhaugh	Ref: 1
<i>Empis praevia</i> Collin, 1927			
1987		Birklands and Bilhaugh	Ref: 122
Godfrey, A. 2010		Birklands and Bilhaugh	Ref: 123
Godfrey, A. 2010		Birklands and Bilhaugh / Buck Gates	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2011		Birklands and Bilhaugh / Budby SF	Ref: 119
<i>Empis punctata</i> Meigen, 1804			
Carr, L.A. 1914		Birklands West and Ollerton Corner	Ref: 1
<i>Empis stercorea</i> Linnaeus, 1761			
Carr, L.A. 1914		Birklands West and Ollerton Corner	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2017		Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020		Birklands West and Ollerton Corner	Ref: 36
<i>Empis tessellata</i> Fabricius, 1794			
Whiteley, D. 1998		Birklands and Bilhaugh / Buck Gates	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2011		Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012		Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012		Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013		Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014		Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017		Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017		Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018		Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020		Birklands and Bilhaugh	Ref: 36
<i>Empis vitripennis</i> Meigen, 1822			
1912		Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2003		Birklands West / Sherwood Heath	Ref: 104
<i>Hilara</i> Meigen, 1822			
<i>Hilara recedens</i> Walker, 1851			
1912		Birklands and Bilhaugh	Ref: 1
<i>Hilara cornicula</i> Loew, 1873			
Carr, L.A. 1914		Birklands West and Ollerton Corner	Ref: 1
<i>Hilara flavipes</i> Meigen, 1822			
1912		Birklands and Bilhaugh	Ref: 1
1912		Birklands West and Ollerton Corner	Ref: 1
<i>Hilara litorea</i> (Fallén, 1816)			
Carr, L.A. 1914		Birklands West and Ollerton Corner	Ref: 1
<i>Hilara maura</i> (Fabricius, 1776)			
		Birklands West and Ollerton Corner	Ref: 1
<i>Hilara quadrifasciata</i> Chvála, 2002			
1912		Birklands West and Ollerton Corner	Ref: 1
<i>Phyllodromia</i> Zetterstedt, 1837			
<i>Phyllodromia melanocephala</i> (Fabricius, 1794)			
Godfrey, A. 2010		Birklands and Bilhaugh / Buck Gates	Ref: 123

<i>Rhamphomyia</i> Meigen, 1822 <i>Rhamphomyia albipennis</i> (Fallén, 1816) Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<i>Rhamphomyia caliginosa</i> Collin, 1926 Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
<i>Rhamphomyia erythroptalma</i> Meigen, 1830 Godfrey, A. 2004 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath Birklands and Bilhaugh / Budby SF	Ref: 105 Ref: 119
<i>Rhamphomyia flava</i> (Fallén, 1816) Carr, L.A. 1914 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 119
<i>Rhamphomyia nigipennis</i> (Fabricius, 1794) Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
<i>Rhamphomyia tarsata</i> Meigen, 1822 Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
<i>Rhamphomyia umbripennis</i> Meigen, 1822 1918	Birklands and Bilhaugh	Ref: 122
<i>Rhamphomyia variabilis</i> (Fallén, 1816) 1912 Godfrey, A. 2006	Birklands and Bilhaugh Birklands West / Sherwood Heath	Ref: 1 Ref: 108
<b>Microphoridae</b>		
Microphor Macquart, 1834 <i>Microphor holosericeus</i> (Meigen, 1804) Godfrey, A. 2010 Godfrey, A. 2010	Birklands and Bilhaugh Birklands and Bilhaugh / Buck Gates	Ref: 123 Ref: 123
<b>Dolichopodidae Latreille, 1809</b>		
Achalcus Haliday in Loew, 1857 <i>Achalcus cinereus</i> (Haliday in Walker, 1851) Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Argyra Macquart, 1834 <i>Argyra argentina</i> (Meigen, 1824) Carr, L.A. 1914 <i>Argyra diaphana</i> (Fabricius, 1775) Carr, L.A. 1914	Birklands West and Ollerton Corner Birklands West and Ollerton Corner	Ref: 1 Ref: 1
Campsicnemus Haliday in Walker, 1851 <i>Campsicnemus curvipes</i> (Fallén, 1823) 1914 Godfrey, A. 2004	Birklands West and Ollerton Corner Birklands West / Sherwood Heath	Ref: 1 Ref: 105
<i>Campsicnemus loripes</i> (Haliday, 1832) Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Chrysotus Meigen, 1824 <i>Chrysotus gramineus</i> (Fallén, 1823) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Dolichopus Latreille, 1796 <i>Dolichopus claviger</i> Stannius, 1831 Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Dolichopus pennatus</i> Meigen, 1824 Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1

<i>Dolichopus plumipes</i> (Scopoli, 1763) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Dolichopus trivialis</i> Haliday, 1832 Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Dolichopus unguilatus</i> (Linnaeus, 1758) Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Hercostomus Loew, 1857 <i>Hercostomus germanus</i> (Weidemann, 1817) 1911	Birklands and Bilhaugh	Ref: 1
<i>Hercostomus parvilamellatus</i> (Macquart, 1827) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Medetera Fischer von Waldheim, 1819 <i>Medetera abstrusa</i> Thunberg, 1955 Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<i>Medetera saxatilis</i> Collin, 1941 Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Medetera truncorum</i> Meigen, 1824 Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Neurigona Rondani, 1856 <i>Neurigona quadrifasciata</i> (Fabricius, 1781) Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Rhaphium Meigen, 1803 <i>Rhaphium appendiculatum</i> Zetterstedt, 1849 Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Rhaphium crassipes</i> (Meigen, 1824) 1912	Birklands and Bilhaugh	Ref: 1
Sciapus Zeller, 1842 <i>Sciapus contristans</i> (Wiedemann, 1817) 1919	Birklands and Bilhaugh	Ref: 122
<i>Sciapus longulus</i> (Fallén, 1823) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Sciapus platypterus</i> (Fabricius, 1805) 1912 1914 Godfrey, A. 2010	Birklands West and Ollerton Corner Birklands West and Ollerton Corner Birklands and Bilhaugh / Buck Gates	Ref: 1 Ref: 1 Ref: 123
Systemus Loew, 1857 <i>Systemus bipartitus</i> (Loew, 1850) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Xanthochlorus Loew, 1857 <i>Xanthochlorus ornatus</i> (Haliday, 1832) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
subgenus Gymnopternus Loew, 1857 <i>Gymnopternus cupreus</i> (Fallén, 1823) Carr, L.A. 1914 Godfrey, A. 2010 Godfrey, A. 2010	Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands and Bilhaugh / Buck Gates	Ref: 1 Ref: 123 Ref: 123

## Opetiidae

Opetia Meigen, 1830

*Opetia nigra* Meigen, 1830

Godfrey, A. 2004

Birklands West / Sherwood Heath

Ref: 105

Godfrey, A. 2010

Birklands and Bilhaugh

Ref: 123

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. *et al* 2018

Birklands and Bilhaugh

Ref: 131

## Platyezidae

Callomyia Meigen, 1804

*Callomyia amoena* Meigen, 1824

Robinson 1912

Birklands and Bilhaugh

Ref: 1

Protoclythia Kessel, 1949

*Protoclythia modesta* (Zetterstedt, 1844)

Carr, L.A. 1912

Birklands and Bilhaugh

Ref: 1

## Phoridae

Beckerina Malloch, 1910

*Beckerina umbrimargo* (Becker, 1901)

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

Megaselia Rondani, 1856

*Megaselia angusta* (Wood, 1909)

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

*Megaselia campestris* (Wood, 1908)

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

*Megaselia correlata* (Schmitz, 1918)

Donisthorpe 1908

Birklands and Bilhaugh

Ref: 1

*Megaselia lutea* (Meigen, 1830)

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

*Megaselia pleuralis* (Wood, 1909)

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

*Megaselia tumida* (Wood, 1909)

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

## Lonchopteridae

Lonchoptera Meigen, 1803

*Lonchoptera bifurcata* (Fallén, 1810)

Godfrey, A. 2004

Birklands West / Sherwood Heath

Ref: 105

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. *et al* 2018

Birklands and Bilhaugh

Ref: 131

*Lonchoptera lutea* Panzer, 1809

Godfrey, A. 2004

Birklands West / Sherwood Heath

Ref: 105

Godfrey, A. 2010

Birklands and Bilhaugh

Ref: 123

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Budby SF

Ref: 119

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. *et al* 2018

Birklands and Bilhaugh

Ref: 131

## Syrphidae

Baccha Fabricius, 1805

*Baccha elongata* (Fabricius, 1775)

Wetton, B. 1988

Birklands and Bilhaugh / Budby SF

Ref: 79

Mears, J.E. 1995

Birklands and Bilhaugh

Ref: 79

Whiteley, D. 1998

Birklands and Bilhaugh / Buck Gates

Ref: 79

Wetton, B. 2003

Birklands and Bilhaugh

Ref: 79

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

Birklands West and Ollerton Corner

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 36

Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
<b>Brachyopa Meigen, 1822</b>		
<i>Brachyopa insensilis</i> Collin, 1939		
Whiteley, D. 1998	Birklands and Bilhaugh / Buck Gates	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
<i>Brachyopa scutellaris</i> Robineau-Desvoidy, 1843		
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
<b>Brachypaloides Hippa, 1978</b>		
<i>Brachypaloides lentus</i> (Meigen, 1822)		
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
<b>Brachypalpus Macquart, 1834</b>		
<i>Brachypalpus laphriformis</i> (Fallén, 1816)		
Whiteley, D. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
<b>Chalcosyrphus Curran, 1925</b>		
<i>Chalcosyrphus nemorum</i> (Fabricius, 1805)		
Whiteley, D. 2003	Birklands and Bilhaugh	Ref: 79
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
<b>Cheilosia Meigen, 1822</b>		
<i>Cheilosia albitarsis</i> (Meigen, 1822)		
Bradley, R.C. 1892	Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Whiteley, D. 1998	Birklands and Bilhaugh / Buck Gates	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
<i>Cheilosia bergenstammi</i> Becker, 1894		
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Cheilosia grossa</i> (Fallén, 1817)		
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Cheilosia illustrata</i> (Harris, [1780])		
Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1913	Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1913	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1914	Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79

Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West and Ollerton Corner	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: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Cheilosia impressa</i> Loew, 1840		
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
<i>Cheilosia lasiopa</i> Kowarz, 1885		
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
<i>Cheilosia pagana</i> (Meigen, 1822)		
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<i>Cheilosia proxima</i> (Zetterstedt, 1843)		
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
<i>Cheilosia ranunculi</i> Doczkal, 2000		
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
<i>Cheilosia scutellata</i> (Fallén, 1817)		
Wainwright, C.J. 1912	Birklands and Bilhaugh	Ref: 1
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
<i>Cheilosia variabilis</i> (Panzer, [1798])		
Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1914	Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<i>Cheilosia vernalis</i> (Fallén, 1817)		
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
<i>Chrysogaster</i> Meigen, 1803		
<i>Chrysogaster cemiteriorum</i> (Linnaeus, 1758)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
<i>Chrysogaster solstitialis</i> (Fallén, 1817)		
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
<b>Chrysotoxum Meigen, 1803</b>		
<i>Chrysotoxum arcuatum</i> (Linnaeus, 1758)		
Wainwright, C.J.	Birklands and Bilhaugh	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 1990	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 1991	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 1992	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 1993	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 1994	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
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: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Chrysotoxum bicinctum</i> (Linnaeus, 1758)		
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<i>Chrysotoxum cautum</i> (Harris, [1776])		
Bradley, R.C. and Wainwright, C.J. 1892	Birklands and Bilhaugh	Ref: 1
<i>Chrysotoxum festuivium</i> (Linnaeus, 1758)		
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<b>Criorhina Meigen, 1822</b>		
<i>Criorhina asilica</i> (Fallén, 1816)		
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
<i>Criorhina berberina</i> (Fabricius, 1805)		
Bradley, R.C. and Wainwright, C.J. 1892	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
<i>Criorhina floccosa</i> (Meigen, 1822)		
Bradley, R.C. and Wainwright, C.J. 1892	Birklands and Bilhaugh	Ref: 1
<i>Criorhina ranunculi</i> (Panzer, [1804])		
Harrison, W. 1892	Birklands and Bilhaugh	Ref: 1
Bradley, R.C. 1892	Birklands and Bilhaugh	Ref: 1
Yerbury, Col. 1906	Birklands and Bilhaugh / Budby SF	Ref: 1
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
<b>Dasysyrphus Enderlein, 1938</b>		
<i>Dasysyrphus albostrigatus</i> (Fallén, 1817)		
Wainwright, C.J.	Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Mears, J.E. 1995	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Dasysyrphus friuliensis</i> (van der Goot, 1960)		
1985	Birklands and Bilhaugh	Ref: 122

<i>Dasysyrphus hilaris</i> (Zetterstedt, 1843)		
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
<i>Dasysyrphus pinastri</i> (De Geer, 1776)		
Wainwright, C.J.	Birklands and Bilhaugh	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Dasysyrphus tricinctus</i> (Fallén, 1817)		
1899	Birklands and Bilhaugh	Ref: 1
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
<i>Dasysyrphus venustus</i> (Meigen, 1822)		
Wainwright, C.J.	Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Whiteley, D. 1998	Birklands and Bilhaugh / Buck Gates	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
<i>Didea Macquart, 1834</i>		
<i>Didea fasciata</i> Macquart, 1834		
1919	Birklands and Bilhaugh	Ref: 122
<i>Epistrophe Walker, 1852</i>		
<i>Epistrophe eligans</i> (Harris, [1780])		
1912	Birklands and Bilhaugh	Ref: 1
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Epistrophe grossulariae</i> (Meigen, 1822)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West and Ollerton Corner	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 and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Episyrphus Matsumura &amp; Adachi, 1917</i>		
<i>Episyrphus balteatus</i> (De Geer, 1776)		
	Birklands and Bilhaugh	Ref: 1



Wetton, B. 1988	Birklands West and Ollerton Corner	Ref: 1
Brackenbury, A. 1989	Birklands and Bilhaugh / Budby SF	Ref: 79
Mears, J.E. 1995	Birklands West / Sherwood Heath	Ref: 79
Whiteley, D. 1998	Birklands and Bilhaugh	Ref: 79
Binding, A. 1999	Birklands and Bilhaugh / Buck Gates	Ref: 79
Wetton, B. 2001	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh / Budby SF	Ref: 79
Godfrey, A. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands West / Sherwood Heath	Ref: 104
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh / Budby SF	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West and Ollerton Corner	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 and Ollerton Corner	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 / 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. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Skinner, M. 2015	Birklands and Bilhaugh	Ref: 141
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

#### Eristalinus Rondani, 1845

##### *Eristalinus sepulchralis* (Linnaeus, 1758)

Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1

#### Eristalis Latreille, 1804

##### *Eristalis arbustorum* (Linnaeus, 1758)

Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79

#### *Eristalis horticola* (De Geer, 1776)

Wainwright, C.J.	Birklands and Bilhaugh	Ref: 1
Carr, L.A.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

#### *Eristalis intricaria* (Linnaeus, 1758)

1903	Birklands West and Ollerton Corner	Ref: 1
1903	Birklands and Bilhaugh	Ref: 1

1912	Birklands and Bilhaugh	Ref: 1
1912	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

*Eristalis nemorum* (Linnaeus, 1758)

1899	Birklands and Bilhaugh	Ref: 1
1914	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Shaw, D. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Eristalis pertinax* (Scopoli, 1763)

Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh / Budby SF	Ref: 79
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
Binding, A.E. 2009	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Skinner, M. 2015	Birklands and Bilhaugh	Ref: 141
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Eristalis tenax* (Linnaeus, 1758)

Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Mears, J.E. 1995	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
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: 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 / 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. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Eumerus Meigen, 1822

### *Eumerus strigatus* (Fallén, 1817)

Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Whiteley, D. 1998	Birklands and Bilhaugh / Buck Gates	Ref: 79
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79

## Eupeodes Osten Sacken, 1877

### *Eupeodes corollae* (Fabricius, 1794)

	Birklands and Bilhaugh	Ref: 1
	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Whiteley, D. 2000	Birklands and Bilhaugh / Budby SF	Ref: 79
Whiteley, D. 2001	Birklands West / Sherwood Heath	Ref: 79
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh / Budby SF	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36

### *Eupeodes latifasciatus* (Macquart, 1829)

Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
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### *Eupeodes luniger* (Meigen, 1822)

Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149

## Ferdinanda Rondani, 1844

### *Ferdinanda cuprea* (Scopoli, 1763)

Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149

## Helophilus Meigen, 1822

### *Helophilus hybridus* Loew, 1846

Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36

### *Helophilus pendulus* (Linnaeus, 1758)

Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Mears, J.E. 1995	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Whiteley, D. 2001	Birklands West / Sherwood Heath	Ref: 79
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Helophilus trivittatus</i> (Fabricius, 1805)		
Mears, J.E. 1995	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>Heringia Rondani, 1856</b>		
<i>Heringia vitripennis</i> (Meigen, 1822)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<b>Lejogaster Rondani, 1857</b>		
<i>Lejogaster metallina</i> (Fabricius, 1781)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<b>Leucozona Schiner, 1860</b>		
<i>Leucozona glaucia</i> (Linnaeus, 1758)		
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
<i>Leucozona laternaria</i> (Müller, 1776)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
<i>Leucozona lucorum</i> (Linnaeus, 1758)		
Carr, L.A.	Birklands and Bilhaugh	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Binding, A.E. 2009	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Megasyrphus Dusek &amp; Láska, 1967</b>		
<i>Megasyrphus annulipes</i> (Linnaeus, 1758)		
1918	Birklands and Bilhaugh	Ref: 122
<b>Melangyna Verrall, 1901</b>		
<i>Melangyna barbifrons</i> (Fallén, 1817)		
Yerbury, Col. 1906	Birklands and Bilhaugh	Ref: 1
<i>Melangyna cincta</i> (Fallén, 1817)		
Whiteley, D. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
<i>Melangyna compositarum</i> (Verrall, 1873)		
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
<i>Melangyna umbellatarum</i> (Fabricius, 1794)		
Robinson 1912	Birklands and Bilhaugh	Ref: 1
<b>Melanogaster Rondani, 1857</b>		
<i>Melanogaster hirtella</i> (Loew, 1843)		
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79

## Melanostoma Schiner, 1860

### *Melanostoma mellinum* (Linnaeus, 1758)

Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Whiteley, D. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh / Budby SF	Ref: 79
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36

### *Melanostoma scalare* (Fabricius, 1794)

Carr, L.A.	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Brackenbury, A. 1989	Birklands West / Sherwood Heath	Ref: 79
Mears, J.E. 1995	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36

## Meliscaeva Frey, 1946

### *Meliscaeva auricollis* (Meigen, 1822)

Wainwright, C.J.	Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
Whiteley, D. 1998	Birklands and Bilhaugh / Buck Gates	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119

### *Meliscaeva cinctella* (Zetterstedt, 1843)

Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
Shaw, D. 2020	Birklands and Bilhaugh	Ref: 163

## Merodon Meigen, 1803

### *Merodon equestris* (Fabricius, 1794)

Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Whiteley, D. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Myathropa Rondani, 1845

### *Myathropa florea* (Linnaeus, 1758)

Bradley, R.C.	Birklands and Bilhaugh	Ref: 1
Wainwright, C.J.	Birklands and Bilhaugh	Ref: 1
Carr, L.A.	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Whiteley, D. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh / Budby SF	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Neoscia Williston, 1886</b>		
<i>Neoscia podagrica</i> (Fabricius, 1775)		
1912	Birklands and Bilhaugh	Ref: 1
1914	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
<b>Parargus Latreille, 1804</b>		
<i>Paragus haemorrhous</i> Meigen, 1822		
Brackenbury, A. 1989	Birklands West / Sherwood Heath	Ref: 79
Whiteley, D. 1989	Birklands West / Sherwood Heath	Ref: 79
Whiteley, D. 2001	Birklands West / Sherwood Heath	Ref: 79
<b>Parasyrphus Matsumura, 1917</b>		
<i>Parasyrphus annulatus</i> (Zetterstedt, [1838])		
Wainwright, C.J.	Birklands and Bilhaugh	Ref: 1
<i>Parasyrphus lineola</i> (Zetterstedt, [1843])		
Wainwright, C.J. 1892	Birklands and Bilhaugh	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
<i>Parasyrphus vittiger</i> (Zetterstedt, [1843])		
1919	Birklands and Bilhaugh	Ref: 122
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 1989	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 1990	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 1991	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 1992	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 1993	Birklands and Bilhaugh / Budby SF	Ref: 79
<b>Parhelophilus Girschner, 1897</b>		
<i>Parhelophilus frutetorum</i> (Fabricius, 1775)		
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<i>Parhelophilus versicolor</i> (Fabricius, 1794)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<b>Pipiza Fallén, 1810</b>		
<i>Pipiza fasciata</i> Meigen, 1822		
Bradley, R.C. 1892	Birklands and Bilhaugh	Ref: 1
<i>Pipiza noctiluca</i> (Linnaeus, 1758)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<b>Pipizella Rondani, 1856</b>		
<i>Pipizella viduata</i> (Linnaeus, 1758)		
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79

## Platycheirus Le Peletier & Serville, 1828

### *Platycheirus albianus* (Fabricius, 1781)

Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Brackenbury, A. 1989	Birklands West / Sherwood Heath	Ref: 79
Whiteley, D. 1990	Birklands West / Sherwood Heath	Ref: 79
Whiteley, D. 1998	Birklands and Bilhaugh / Buck Gates	Ref: 79
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

### *Platycheirus clypeatus* (Meigen, 1822)

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
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### *Platycheirus granditarsa* (Forster, 1771)

Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
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### *Platycheirus peltatus* (Meigen, 1822)

Birklands West and Ollerton Corner	Ref: 1
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### *Platycheirus scambus* (Staeger, 1843)

Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79

### *Platycheirus scutatus* (Meigen, 1822)

Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Whiteley, D. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh / Budby SF	Ref: 79
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119

### *Platycheirus tarsalis* (Schummel, 1837)

Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119

## Rhingia Scopoli, 1763

### *Rhingia campestris* Meigen, 1822

Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Binding, A.E. 2009	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119

## Scaeva Fabricius, 1805

### *Scaeva pyrastris* (Linnaeus, 758)

Binding, A. 1999	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands West / Sherwood Heath	Ref: 36

<i>Scaeva selenitica</i> (Meigen, 1822)		
Whiteley, D. 2002	Birklands and Bilhaugh / Budby SF	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Sericomyia</b> Meigen, 1803		
<i>Sericomyia silentis</i> (Harris, [1776])		
Shaw, D. 2020	Birklands and Bilhaugh	Ref: 163
<b>Sphaerophoria</b> Le Peletier & Serville, 1828		
<i>Sphaerophoria batava</i> Goeldlin de Tiefenau, 1974		
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
<i>Sphaerophoria interrupta</i> (Fabricius, 1805)		
Bradley, R.C. 1892	Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<i>Sphaerophoria philanthus</i> (Meigen, 1822)		
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
<i>Sphaerophoria rueppellii</i> (Wiedemann, 1830)		
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
<i>Sphaerophoria scripta</i> (Linnaeus, 1758)		
1912	Birklands and Bilhaugh	Ref: 1
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Wetton, B. 2004	Birklands and Bilhaugh / Budby SF	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
<b>Syritta</b> Le Peletier & Serville, 1828		
<i>Syritta pipiens</i> (Linnaeus, 1758)		
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Whiteley, D. 1989	Birklands West / Sherwood Heath	Ref: 79
Mears, J.E. 1995	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
<b>Syrphus</b> Fabricius, 1775		
<i>Syrphus ribesii</i> (Linnaeus, 1758)		
Wetton, B. 1988	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 2001	Birklands and Bilhaugh	Ref: 1
Whiteley, D. 2003	Birklands and Bilhaugh / Budby SF	Ref: 79
Godfrey, A. 2003	Birklands and Bilhaugh	Ref: 79
Whiteley, D. 2003	Birklands West / Sherwood Heath	Ref: 104
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79



Wetton, B. 2004	Birklands and Bilhaugh / Budby SF	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36

#### *Syrphus torvus* Osten Sacken, 1875

Carr and Robinson 1912	Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh / Budby SF	Ref: 79
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

#### *Syrphus vitripennis* Meigen, 1822

Wetton, B. 1988	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 2001	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2003	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh / Budby SF	Ref: 79
Wetton, B. 2004	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36

#### *Volucella* Geoffroy, 1762

##### *Volucella bombylans* (Linnaeus, 1758)

Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1914	Birklands and Bilhaugh	Ref: 1
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Binding, A.E. 2009	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149

##### *Volucella inanis* (Linnaeus, 1758)

Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36

##### *Volucella pellucens* (Linnaeus, 1758)

Birklands West and Ollerton Corner	Ref: 1
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Wetton, B. 1988	Birklands and Bilhaugh	Ref: 1
Binding, A. 1999	Birklands and Bilhaugh / Budby SF	Ref: 79
Whiteley, D. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2004	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2008	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	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Shaw, D. 2020	Birklands and Bilhaugh	Ref: 163
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Volucella zonaria</i> (Poda, 1761)		
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Xanthogramma</i> Schiner, 1860		
<i>Xanthogramma citrofasciatum</i> (De Geer, 1776)		
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
<i>Xylota</i> Meigen, 1822		
<i>Xylota florum</i> (Fabricius, 1805)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Xylota segnis</i> (Linnaeus, 1758)		
	Birklands West and Ollerton Corner	Ref: 1
Wetton, B. 1988	Birklands and Bilhaugh	Ref: 1
Wetton, B. 2004	Birklands and Bilhaugh / Budby SF	Ref: 79
Alexander, K.N.A. 2009	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Buck Gates	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
	Birklands and Bilhaugh	Ref: 149
<i>Xylota sylvorum</i> (Linnaeus, 1758)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Mears, J.E. 1995	Birklands and Bilhaugh	Ref: 79
Wetton, B. 2003	Birklands and Bilhaugh	Ref: 79
Whiteley, D. 2003	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
<b>Micropezidae</b>		
<i>Calobata</i> Meigen, 1803		
<i>Calobata petronella</i> (Linnaeus, 1761)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Micropeza</i> Meigen, 1803		
<i>Micropeza corrigiolata</i> (Linnaeus, 1767)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Micropeza lateralis</i> Meigen, 1826		
1914	Birklands and Bilhaugh	Ref: 1
<i>Neria</i> Robineau-Desvoidy, 1830		

<i>Neria cibaria</i> (Linnaeus, 1761) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<b>Megamerinidae</b>		
Megamerina Rondani, 1861		
<i>Megamerina dolium</i> (Fabricius, 1805) Whiteley, D. 2003 Godfrey, A. 2010	Birklands and Bilhaugh Birklands and Bilhaugh / Buck Gates	Ref: 79 Ref: 123
<b>Psilidae</b>		
Chamaepsila Hendel, 1917		
<i>Chamaepsila nigricornis</i> (Meigen, 1826) 1912	Birklands and Bilhaugh	Ref: 1
Psila Meigen, 1803		
<i>Psila fimetaria</i> (Linnaeus, 1761) Carr, L.A. 1914 Godfrey, A. 2010	Birklands West and Ollerton Corner Birklands and Bilhaugh	Ref: 1 Ref: 123
<b>Conopidae</b>		
Conops Linnaeus, 1758		
<i>Conops flavipes</i> Linnaeus, 1758 1899 1899 Wright, S. and Paul, C. 1994 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Sherwood Heath Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1 Ref: 132 Ref: 119 Ref: 36 Ref: 36
<i>Conops quadrifasciatus</i> De Geer, 1776 Brackenbury, A. 1989 Lazenby, A. 1991 Wright, S. and Paul, C. 1994 Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2016 Shaw, D. 2020	Birklands West / Sherwood Heath Birklands West / Sherwood Heath Birklands West / Sherwood Heath Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Sherwood Heath	Ref: 79 Ref: 79 Ref: 132 Ref: 36 Ref: 36 Ref: 36 Ref: 163
<i>Conops strigatus</i> Wiedemann in Meigen, 1824 Lazenby, A. 1991	Birklands West / Sherwood Heath	Ref: 79
<i>Conops vesicularis</i> Linnaeus, 1761 Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2016 Pendleton, T.A. and Pendleton, D.T. 2018 Pendleton, T.A. and Pendleton, D.T. 2018 Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Sherwood Heath Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 36 Ref: 36 Ref: 36 Ref: 119 Ref: 36 Ref: 36 Ref: 36 Ref: 149
Myopa Fabricius, 1775		
<i>Myopa buccata</i> (Linnaeus, 1758) Bradley, R.C. 1892	Birklands and Bilhaugh	Ref: 1
<i>Myopa polystigma</i> Rondani, 1857 1918	Birklands and Bilhaugh	Ref: 122
<i>Myopa testacea</i> (Linnaeus, 1767) Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149

Physocephala Schiner, 1861		
<i>Physocephala rufipes</i> Schiner, 1861		
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Sicus Latreille, 1796		
<i>Sicus ferrugineus</i> (Linnaeus, 1761)		
1912	Birklands and Bilhaugh	Ref: 1
Riley, T. 1973	Birklands and Bilhaugh / Budby SF	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
<b>Pipunculidae</b>		
Eudorylas Aczél, 1940		
<i>Eudorylas unicolor</i>		
1917	Birklands and Bilhaugh	Ref: 122
Pipunculus Latreille, 1802		
<i>Pipunculus campestris</i> Latreille, 1802		
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
<i>Pipunculus lenis</i> Kuznetsov, 1991		
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
Verrallia Mik, 1899		
<i>Verrallia aucta</i> (Fallén, 1817)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Jassidophaga villosa</i> (von Roser, 1840)		
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
<b>Lonchaeidae</b>		
Lonchaea Fallén, 1820		
<i>Lonchaea chorea</i> (Fabricius, 1781)		
Carr, L.A.	Birklands West and Ollerton Corner	Ref: 1
<i>Lonchaea scutellaris</i> Rondani, 1874		
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
Silba Macquart, 1851		
<i>Silba fumosa</i> Egger 1864		
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<b>Pallopteridae</b>		
Palloptera Fallén, 1820		
<i>Palloptera trimacula</i> (Meigen, 1826)		
Wainwright, C.J.	Birklands and Bilhaugh	Ref: 1
1912	Birklands and Bilhaugh	Ref: 1
<i>Palloptera umbellatarum</i> (Fabricius, 1775)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
<b>Neottiophilidae</b>		
Neottiophilum von Frauenfeld, 1868		
<i>Neottiophilum praeustum</i>		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119

## Ulidiidae

Ceroxys Macquart, 1835

*Ceroxys urticae* (Linnaeus, 1758)

Whiteley, D. 1998

Birklands and Bilhaugh / Buck Gates Ref: 79

Otites Latreille, 1804

*Otites guttata* (Meigen, 1830)

Carr, L.A. 1914

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands West and Ollerton Corner Ref: 1  
Birklands West / Clipstone Old Qtr Ref: 36

Physiphora Fallén, 1810

*Physiphora alceae* (Preysler, 1791)

Whiteley, D. 1998

Birklands and Bilhaugh / Buck Gates Ref: 79

Seioptera Kirby, 1817

*Seioptera vibrans* (Linnaeus, 1758)

Carr, L.A. 1914

Birklands West and Ollerton Corner Ref: 1

## Platystomatidae

Platystoma Meigen, 1803

*Platystoma seminationis* (Fabricius, 1775)

1912

Birklands and Bilhaugh Ref: 1

## Tephritidae

Campiglossa Rondani, 1870

*Campiglossa misella* (Loew, 1869)

Godfrey, A. 2004

Birklands West / Sherwood Heath Ref: 105

Dithryca Rondani 1870

*Dithryca guttularis* (Meigen, 1826)

Whiteley, D. 1989

Birklands West / Sherwood Heath Ref: 79

Euleia Walker 1835

*Euleia heracleii* (Linnaeus, 1758)

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh Ref: 36

Philophylla Rondani, 1870

*Philophylla caesio* (Harris, [1780])

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh Ref: 36

Oxyna Robineau-Desvoidy, 1830

*Oxyna parietina* (Linnaeus, 1758)

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2011

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Birklands and Bilhaugh / Budby SF Ref: 119

Tephritis Latreille, 1804

*Tephritis bardanae* (Schrank, 1803)

Wainwright, C.J.

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2012

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh Ref: 1  
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Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36

*Tephritis formosa* (Loew, 1844)

Whiteley, D. 2001

Godfrey, A. 2004

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2012

Pendleton, T.A. and Pendleton, D.T. 2012

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al / 2018

Birklands West / Sherwood Heath Ref: 79  
Birklands West / Sherwood Heath Ref: 105  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands West / Sherwood Heath Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 131

<i>Tephritis hyoscami</i> (Linnaeus, 1758)			
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108	
<i>Tephritis neesi</i> (Meigen, 1830)			
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105	
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108	
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119	
Shaw, D. 2020	Birklands and Bilhaugh / Budby SF	Ref: 163	
<b>Terellia Robineau-Desvoidy, 1830</b>			
<i>Terellia tussilaginis</i> (Fabricius, 1775)			
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36	
<b>Trypeta Meigen, 1803</b>			
<i>Trypeta immaculata</i> (Macquart, 1835)			
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119	
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119	
<i>Trypeta zoe</i> Meigen, 1826			
Wainwright, C.J.	Birklands and Bilhaugh	Ref: 1	
<b>Urophora Robineau-Desvoidy, 1830</b>			
<i>Urophora cardui</i> (Linnaeus, 1758)			
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36	
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36	
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36	
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36	
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119	
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36	
<i>Urophora jaceana</i> (Hering, 1935)			
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119	
<i>Urophora stylata</i> (Fabricius, 1775)			
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36	
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119	
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36	
<b>Xyphosia Robineau-Desvoidy, 1830</b>			
<i>Xyphosia miliaria</i> (Schrank, 1781)			
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36	
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119	
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119	
<b>Lauxaniidae</b>			
<b>Aulogastromyia Hendel, 1925</b>			
<i>Aulogastromyia anisodactyla</i> (Loew, 1845)			
Between 1828 and 1935	Birklands and Bilhaugh	Ref: 122	
<b>Calliopum Strand, 1928</b>			
<i>Calliopum aeneum</i> (Fallén, 1820)			
Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1	
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1	
Carr, L.A. 1913	Birklands and Bilhaugh	Ref: 1	
Carr, L.A. 1913	Birklands West and Ollerton Corner	Ref: 1	
Carr, L.A. 1914	Birklands and Bilhaugh	Ref: 1	
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1	
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104	
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105	
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108	
<i>Calliopum simillimum</i> (Collin, 1933)			
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105	
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119	

<b>Lauxania Latreille, 1804</b>			
<i>Lauxania cylindricornis</i> (Fabricius, 1794)			
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123	
<b>Meiosimyza Hendel, 1925</b>			
<i>Meiosimyza decempunctata</i> (Fallén, 1820)			
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123	
<i>Meiosimyza platycephala</i> (Loew, 1847)			
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123	
<i>Meiosimyza rorida</i> (Fallén, 1820)			
Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1	
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105	
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108	
<i>Pseudolyciella stylata</i> Papp, 1978			
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123	
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123	
<i>Meiosimyza subfasciata</i> (Zetterstedt, 1838)			
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108	
<b>Minettia Robineau-Desvoidy, 1830</b>			
<i>Minettia fasciata</i> (Fallén, 1826)			
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104	
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108	
<i>Minettia inusta</i> (Meuigen, 1826)			
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1	
<i>Minettia longipennis</i> (Fabricius, 1794)			
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1	
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119	
<i>Minettia lupulina</i> (Fabricius, 1787)			
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1	
<b>Pseudolyciella Shatalkin, 2000</b>			
<i>Pseudolyciella pallidiventris</i> (Fallén, 1820)			
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1	
1914	Birklands and Bilhaugh	Ref: 1	
<b>Sapromyza Fallén, 1810</b>			
<i>Sapromyza hyalinata</i> (Meigen, 1826)			
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123	
<b>Tricholauxania Hendel, 1925</b>			
<i>Tricholauxania praeusta</i> (Fallén, 1820)			
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108	
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123	
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123	
2015	Birklands and Bilhaugh	Ref: 165	
2015	Birklands West / Clipstone Old Qtr	Ref: 165	
<b>Chamaemyiidae</b>			
<b>Chamaemyia Meigen, 1803</b>			
<i>Chamaemyia aridella</i> (Fallén, 1823)			
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108	
<i>Chamaemyia herbarum</i> (Robineau-Desvoidy, 1830)			
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105	
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108	

## Dryomyzidae

Dryomyza Fallén, 1820

*Dryomyza decrepita* Zetterstedt, [1838]

Godfrey, A. 2006

Birklands West / Sherwood Heath

Ref: 108

*Dryomyza flaveola* (Fabricius, 1794)

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

Neuroctena Rondani, 1868

*Neuroctena anilis* Fallén, 1820

1912

Pendleton, T.A. 2020

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 36

## Sciomyzidae

Pherbiellia Robineau-Desvoidy, 1830

*Pherbiellia albicostata* Fallén, 1820

1912

Birklands and Bilhaugh

Ref: 1

*Pherbiellia dubia* Fallén, 1820

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

Godfrey, A. 2010

Birklands and Bilhaugh

Ref: 123

Pherbina Robineau-Desvoidy, 1830

*Pherbina coryleti* (Scopoli, 1763)

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

Tetanocera Duméril, 1800

*Tetanocera elata* (Fabricius, 1781)

1912

Birklands and Bilhaugh

Ref: 1

*Tetanocera hyalipennis* von Roser, 1840

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

*Tetanocera silvatica* Meigen, 1830

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

Trypetoptera Hendel, 1900

*Trypetoptera punctulata* (Scopoli, 1763)

1912

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2011

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Birklands and Bilhaugh / Budby SF

Ref: 119

## Sepsidae

Nemopoda Robineau-Desvoidy, 1830

*Nemopoda nitidula* (Fallén, 1820)

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

Godfrey, A. 2010

Birklands and Bilhaugh

Ref: 123

Sepsis Fallén, 1810

*Sepsis cynipsea* (Linnaeus, 1758)

1912

Godfrey, A. 2003

Godfrey, A. 2004

Godfrey, A. 2006

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh

Ref: 1

Birklands West / Sherwood Heath

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Birklands West / Sherwood Heath

Ref: 105

Birklands West / Sherwood Heath

Ref: 108

Birklands and Bilhaugh / Budby SF

Ref: 119

Birklands and Bilhaugh / Budby SF

Ref: 119

*Sepsis fulgens* Meigen, 1826

Godfrey, A. 2003

Godfrey, A. 2004

Godfrey, A. 2006

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West / Sherwood Heath

Ref: 104

Birklands West / Sherwood Heath

Ref: 105

Birklands West / Sherwood Heath

Ref: 108

Birklands and Bilhaugh / Budby SF

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<i>Sepsis orthocnemis</i> Frey, 1908		
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119

<i>Sepsis nigripes</i> Meigen, 1826		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1

### Clusiidae

<i>Clusia</i> Haliday, 1838		
<i>Clusia flava</i> (Meigen, 1830)		
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123

<i>Clusiodes</i> Coquillett, 1904		
<i>Clusiodes ruficollis</i> (Meigen, 1830)		
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123

<i>Clusiodes gentilis</i> (Collin, 1912)		
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123

<i>Clusiodes geomyzinus</i> (Fallén, 1823)		
1918	Birklands and Bilhaugh	Ref: 122

### Acartophthalmidae

<i>Acartophthalmus</i> Czerny, 1902		
<i>Acartophthalmus nigrinus</i> (Zetterstedt, 1848)		
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123

### Odiiniidae

<i>Odinia</i> Robineau-Desvoidy, 1830		
<i>Odinia trinotata</i> Robineau-Desvoidy, 1830		
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123

### Agromyzidae

<i>Agromyza</i> Fallén, 1810		
<i>Agromyza idaeiana</i> Hardy, 1853		
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108

<i>Agromyza pseudoreptans</i> Nowakowski, 1967		
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108

<i>Agromyza reptans</i> Fallén, 1823		
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108

<i>Cerodontha</i> Rondani, 1861		
<i>Cerodontha denticornis</i> (Panzer, [1806])		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108

<i>Chromatomyia</i> Hardy, 1849		
<i>Chromatomyia milii</i> (Kaltenbach, 1864)		
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105

<i>Chromatomyia nigra</i> Meigen, 1830)		
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105

<i>Liriomyza</i> Mik, 1894		
<i>Liriomyza richteri</i> Hering, 1927		
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105

Metopomyza Enderlein, 1936 <i>Metopomyza scutellata</i> Fallén, 1823 1914	Birklands and Bilhaugh	Ref: 1
Ophiomyia Braschnikov, 1897 <i>Ophiomyia curvipalpis</i> (Zetterstedt, 1848) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Phytomyza Fallén, 1810 <i>Phytomyza ilicis</i> Curtis, 1846 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Heeney, W. 2015	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 36 Ref: 36 Ref: 144
<b>Opomyzidae</b>		
Geomyza Fallén, 1820 <i>Geomyza hackmani</i> Nartshuk, 1984 1912 1912 Godfrey, A. 2006	Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands West / Sherwood Heath	Ref: 1 Ref: 1 Ref: 108
<i>Geomyza subnigra</i> Drake, 1992 Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Geomyza tripunctata</i> Fallén, 1823 Carr, L.A. 1912 Carr, L.A. 1912 Carr, L.A. 1913 Carr, L.A. 1913 Carr, L.A. 1914 Carr, L.A. 1914 Godfrey, A. 2004 Godfrey, A. 2006	Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands West / Sherwood Heath Birklands West / Sherwood Heath	Ref: 1 Ref: 1 Ref: 1 Ref: 1 Ref: 1 Ref: 1 Ref: 105 Ref: 108
Opomyza Fallén, 1820 <i>Opomyza florum</i> (Fabricius, 1794) Godfrey, A. 2003 Godfrey, A. 2004 Godfrey, A. 2006 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Sherwood Heath Birklands West / Sherwood Heath Birklands West / Sherwood Heath Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr	Ref: 104 Ref: 105 Ref: 108 Ref: 36 Ref: 36
<i>Opomyza germinationis</i> (Linnaeus, 1758) Carr, L.A. Carr, L.A. Godfrey, A. 2006	Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands West / Sherwood Heath	Ref: 1 Ref: 1 Ref: 108
<b>Anthomyzidae</b>		
Anagnota Becker, 1902 <i>Anagnota bicolor</i> (Meigen, 1838) Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Anthomyza Fallén, 1810 <i>Anthomyza gracilis</i> Fallén, 1823 1914 Godfrey, A. 2004 Godfrey, A. 2006	Birklands West and Ollerton Corner Birklands West / Sherwood Heath Birklands West / Sherwood Heath	Ref: 1 Ref: 105 Ref: 108
Paranthomyza Czerny, 1902 <i>Paranthomyza nitida</i> (Meigen, 1838) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1

Stiphrosoma Czerny, 1928			
<i>Stiphrosoma laetum</i> (Meigen, 1830)			
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105	
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108	
<b>Asteiidae</b>			
Asteia Meigen, 1830			
<i>Asteia amoena</i> Meigen, 1830			
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105	
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108	
<b>Carnidae</b>			
Meonura Rondani, 1856			
<i>Meonura flavifacies</i> Collin, 1930			
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108	
<b>Chloropidae</b>			
Chlorops Meigen, 1803			
<i>Chlorops hypostigma</i> Meigen, 1830			
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1	
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119	
<i>Chlorops pumilionis</i> (Bjerkander, 1778)			
1912	Birklands and Bilhaugh	Ref: 1	
1914	Birklands and Bilhaugh	Ref: 1	
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108	
<i>Chlorops speciosus</i> Meigen, 1830			
1912	Birklands and Bilhaugh	Ref: 1	
1914	Birklands and Bilhaugh	Ref: 1	
<i>Chlorops strigulus</i> (Fabricius 1794)			
1914	Birklands and Bilhaugh	Ref: 1	
<b>Elachiptera Macquart, 1835</b>			
<i>Elachiptera cornuta</i> (Fallén, 1820) sens. str.			
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1	
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108	
<i>Elachiptera diastema</i> Collin, 1946			
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105	
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108	
<i>Elachiptera tuberculifera</i> (Corti, 1909)			
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108	
<b>Incertella Sabrosky, 1980</b>			
<i>Incertella albipalpis</i> (Meigen, 1830)			
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108	
<b>Lasiambia Sabrosky, 1941</b>			
<i>Lasiambia balicola</i> (Collin, 1946)			
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123	
<i>Lasiambia brevibucca</i> (Duda, 1933)			
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123	
<b>Lasiosina Becker, 1910</b>			
<i>Lasiosina herpini</i> (Guérin-Ménéville, 1843)			
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108	
<b>Oscinella Becker, 1909</b>			
<i>Oscinella frit</i> (Linnaeus, 1758)			
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104	
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105	

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<b>Thaumatomyia Zenker, 1833</b>		
<i>Thaumatomyia notata</i> (Meigen, 1830)		
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<b>Tricimba Liroy, 1864</b>		
<i>Tricimba brachyptera</i> (Thalhammer, 1913)		
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Tricimba cincta</i> (Meigen, 1830)		
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<b>Heleomyzidae</b>		
<b>Eccoptomera Loew, 1862</b>		
<i>Eccoptomera ornata</i> Loew, 1862		
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
<b>Heleomyza Fallén, 1810</b>		
<i>Heleomyza serrata</i> (Linnaeus, 1758)		
	Birklands West and Ollerton Corner	Ref: 1
<b>Heteromyza Fallén, 1810</b>		
<i>Heteromyza rotundicornis</i> (Zetterstedt, 1846)		
Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
<b>Suillia Robineau-Desvoidy, 1830</b>		
<i>Suillia affinis</i> (Meigen, 1830)		
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
<i>Suillia atricornis</i> (Meigen, 1830)		
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
<i>Suillia bicolor</i> (Zetterstedt, [1838])		
1912	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<i>Suillia fuscicornis</i> (Zetterstedt, [1838])		
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
<i>Suillia laevifrons</i> (Loew, 1862)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Suillia notata</i> (Meigen, 1830)		
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
<i>Suillia variegata</i> (Loew, 1862)		
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
<b>Tephrochlamys Loew, 1862</b>		
<i>Tephrochlamys flavipes</i> (Zetterstedt, [1838])		
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Tephrochlamys laeta</i> (Meigen, 1830)		
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119

<i>Tephrochlamys rufiventris</i> (Meigen, 1830) Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
<b>Chyromyidae</b>		
<i>Aphinosoma</i> Becker, 1903 <i>Aphinosoma socium</i> Collin, 1949 Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
<b>Sphaeroceridae</b>		
<i>Apteromyia</i> Vimmer, 1929 <i>Apteromyia claviventris</i> (Strobl, 1909) Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Coproica</i> Rondani, 1861 <i>Coproica hirticula</i> Collin, 1956 Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<i>Copromyza</i> Fallén, 1810 <i>Copromyza stercoraria</i> (Meigen, 1830) Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
<i>Crumomyia</i> Macquart, 1835 <i>Crumomyia roserii</i> (Rondani, 1880) Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<i>Eulimosina</i> Roháček, 1983 <i>Eulimosina ochripes</i> (Meigen, 1830) Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Hemiosina</i> Roháček, 1983 <i>Hemiosina bequaerti</i> (Villeneuve, 1917) Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
<i>Limosina</i> Macquart, 1835 <i>Limosina silvatica</i> (Meigen, 1830) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Lotophila</i> Lioy, 1864 <i>Lotophila atra</i> (Meigen, 1830) Godfrey, A. 2004 Godfrey, A. 2006	Birklands West / Sherwood Heath Birklands West / Sherwood Heath	Ref: 105 Ref: 108
<i>Pteremis</i> Rondani, 1856 <i>Pteremis fenestralis</i> (Fallén, 1820) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Pullimosina</i> Roháček, 1983 <i>Pullimosina pullula</i> (Zetterstedt, 1847) Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Spelobia</i> Spuler, 1924 <i>Spelobia clunipes</i> (Meigen, 1830) Carr, L.A. 1914 Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands West and Ollerton Corner Birklands and Bilhaugh	Ref: 1 Ref: 131
<i>Spelobia parapusio</i> (Dahl, 1909) Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
<i>Sphaerocera</i> Latreille, 1804 <i>Sphaerocera curvipes</i> Latreille, 1805 1912	Birklands and Bilhaugh	Ref: 1

## Drosophilidae

*Drosophila* Fallén, 1823

*Drosophila subobscura* Collin in Gordon, 1936

Godfrey, A. 2004

Birklands West / Sherwood Heath

Ref: 105

*Scaptomyza* Hardy, 1849

*Scaptomyza graminum* (Fallén, 1823)

1912

Birklands and Bilhaugh

Ref: 1

1914

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*Scaptomyza griseola* (Zetterstedt, 1847)

Godfrey, A. 2004

Birklands West / Sherwood Heath

Ref: 105

*Scaptomyza pallida* (Zetterstedt, 1847)

Godfrey, A. 2003

Birklands West / Sherwood Heath

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Godfrey, A. 2004

Birklands West / Sherwood Heath

Ref: 105

Godfrey, A. 2006

Birklands West / Sherwood Heath

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Subgenus *Lordiphosa* Basden, 1961

*Lordiphosa fenestrarum* Fallén, 1823

Carr, L.A. 1914

Birklands West and Ollerton Corner

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Godfrey, A. 2003

Birklands West / Sherwood Heath

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Godfrey, A. 2004

Birklands West / Sherwood Heath

Ref: 105

Godfrey, A. 2006

Birklands West / Sherwood Heath

Ref: 108

## Diastatidae

*Diastata* Meigen, 1830

*Diastata costata* Meigen, 1830

Godfrey, A. 2004

Birklands West / Sherwood Heath

Ref: 105

Godfrey, A. 2006

Birklands West / Sherwood Heath

Ref: 108

*Diastata fuscula* Fallén, 1823

Godfrey, A. 2004

Birklands West / Sherwood Heath

Ref: 105

## Camillidae

*Camilla* Haliday, 1838

*Camilla atrimana* Strobl, 1910

Godfrey, A. 2006

Birklands West / Sherwood Heath

Ref: 108

*Camilla glabra* Fallén, 1823

1912

Birklands and Bilhaugh

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## Ephydriidae

*Hyadina* Haliday, 1837

*Hyadina guttata* (Fallén, 1813)

Godfrey, A. 2004

Birklands West / Sherwood Heath

Ref: 105

Godfrey, A. 2006

Birklands West / Sherwood Heath

Ref: 108

*Hydrellia* Robineau-Desvoidy, 1830

*Hydrellia griseola* (Fallén, 1813)

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

Godfrey, A. 2003

Birklands West / Sherwood Heath

Ref: 104

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*Hydrellia maura* Meigen, 1838

Godfrey, A. 2004

Birklands West / Sherwood Heath

Ref: 105

*Hydrellia ranunculi* Haliday, 1839

Carr, L.A. 1914

Birklands West and Ollerton Corner

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Limnella Malloch, 1925 <i>Limnella quadrata</i> (Fallén, 1813) Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
<i>Limnella surturi</i> Andersson, 1971 Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Philygria Stenhammar, 1844 <i>Philygria picta</i> (Fallén, 1813) Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Notiphila Fallén, 1810 <i>Notiphila cinerea</i> Fallén, 1813 1914	Birklands West and Ollerton Corner	Ref: 1
Philygria Stenhammar, 1844 <i>Philygria interstincta</i> Fallén, 1813 Godfrey, A. 2004 Godfrey, A. 2006	Birklands West / Sherwood Heath Birklands West / Sherwood Heath	Ref: 105 Ref: 108
<i>Philygria vitipennis</i> (Zetterstedt, [1838]) Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Psilopa Fallén, 1823 <i>Psilopa nitidula</i> Fallén, 1813 Godfrey, A. 2003 Godfrey, A. 2004 Godfrey, A. 2006	Birklands West / Sherwood Heath Birklands West / Sherwood Heath Birklands West / Sherwood Heath	Ref: 104 Ref: 105 Ref: 108
Scatella Robineau-Desvoidy, 1830 <i>Scatella stagnalis</i> Fallén, 1813 Godfrey, A. 2010	Birklands and Bilhaugh	Ref: 123
<i>Scatella lacustris</i> (Meigen, 1830) Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Trimerina Macquart, 1835 <i>Trimerina madizans</i> Fallén, 1813 Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
<b>Scathophagidae</b>		
Cordilura Fallén, 1810 <i>Cordilura albipes</i> Fallén, 1819 Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Cordilura ciliata</i> (Meigen, 1826) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Cordilura impudica</i> (Rondani, 1866) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Norellisoma Wahlgren, 1917 <i>Norellisoma spinimanum</i> Fallén, 1819 Carr, L.A. 1914	Birklands and Bilhaugh	Ref: 1
Scathophaga Meigen, 1803 <i>Scathophaga furcata</i> (Say, 1823) Robinson 1912 Godfrey, A. 2010	Birklands and Bilhaugh Birklands and Bilhaugh / Buck Gates	Ref: 1 Ref: 123
<i>Scathophaga stercoraria</i> (Linnaeus, 1758)  Godfrey, A. 2003 Godfrey, A. 2004	Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands West / Sherwood Heath Birklands West / Sherwood Heath	Ref: 1 Ref: 1 Ref: 104 Ref: 105

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Scathophaga suilla</i> (Fabricius, 1794)		
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<b>Anthomyiidae</b>		
<i>Anthomyia</i> Meigen, 1803		
<i>Anthomyia liturata</i> (Robineau-Desvoidy, 1830)		
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<i>Anthomyia procellaris</i> Rondani, 1866		
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<i>Botanophila</i> Lioy, 1864		
<i>Botanophila fugax</i> (Meigen, 1826)		
Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Botanophila dissecta</i> (Meigen, 1826)		
Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
<i>Botanophila striolata</i> (Fallén, 1824) s.str.		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Botanophila varicolor</i> (Meigen, 1826)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Delia</i> Robineau-Desvoidy, 1830		
<i>Delia florilega</i> (Zetterstedt, 1845)		
Carr, L.A. and Robinson 1912	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Delia platura</i> (Meigen, 1826)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<i>Delia radicum</i> (Linnaeus, 1758)		
Carr, L.A.	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A.	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<i>Hydrophoria</i> Robineau-Desvoidy, 1830		
<i>Hydrophoria lancifer</i> (Harris, 1780))		
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36



<i>Hydrophoria linogrisea</i> (Meigen, 1826) 1912	Birklands and Bilhaugh	Ref: 1
<i>Hylemya</i> Robineau-Desvoidy, 1830 <i>Hylemya nigrimana</i> (Meigen, 1826) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Hylemya vagans</i> (Panzer, [1798]) Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
<i>Nanna</i> Strobl, 1894 <i>Nanna fasciata</i> (Meigen, 1826) Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al/ 2018	Birklands and Bilhaugh	Ref: 131
<i>Pegomya</i> Robineau-Desvoidy, 1830 <i>Pegomya bicolor</i> (Wiedemann, 1817) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Pegomya rugulosa</i> (Zetterstedt, 1845) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Pegomya vanduzeei</i> (Malloch, 1919) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Pegoplata</i> Schnabl and Dziedzicki, 1911 <i>Pegoplata aestiva</i> (Meigen, 1826) 1912 1912	Birklands West and Ollerton Corner Birklands and Bilhaugh	Ref: 1 Ref: 1
<b>Fanniidae</b>		
<i>Fannia</i> Robineau-Desvoidy, 1830 <i>Fannia armata</i> (Meigen, 1826) Carr, L.A. 1912 Carr, L.A. 1914 Godfrey, A. 2010 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 1 Ref: 123 Ref: 119
<i>Fannia canicularis</i> (Linnaeus, 1761) Godfrey, A. 2006 Godfrey, A. 2010	Birklands West / Sherwood Heath Birklands and Bilhaugh / Buck Gates	Ref: 108 Ref: 123
<i>Fannia clara</i> Collin, 1939 Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
<i>Fannia coracina</i> (Loew, 1873) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Fannia genualis</i> (Stein, 1895) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Fannia lustrator</i> (Harris, [1780]) Carr, L.A. 1914 Godfrey, A. 2010 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 123 Ref: 119
<i>Fannia mollissima</i> (Haliday in Westwood, 1840) Godfrey, A. 2010 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 123 Ref: 119
<i>Fannia polychaeta</i> (Stein, 1895) Carr, L.A. 1912 Robinson 1912	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1

<i>Fannia rondanii</i> (Strobl, 1893) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Fannia serena</i> (Fallén, 1825) 1913 1914	Birklands West and Ollerton Corner Birklands and Bilhaugh	Ref: 1 Ref: 1
<b>Muscidae</b>		
<b><i>Azelia</i></b> Robineau-Desvoidy, 1830		
<i>Azelia aterrima</i> (Meigen, 1826) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Azelia cilipes</i> (Haliday, 1838) Carr, L.A. 1914 Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands West and Ollerton Corner Birklands and Bilhaugh	Ref: 1 Ref: 131
<i>Azelia nebulosa</i> Robineau-Desvoidy, 1830 1898	Birklands West and Ollerton Corner	Ref: 1
<i>Azelia zetterstedtii</i> Rondani, 1866 Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<b>Coenosia</b> Meigen, 1826		
<i>Coenosia humilis</i> Meigen, 1826 1912	Birklands West and Ollerton Corner	Ref: 1
<i>Coenosia infantula</i> Rondani, 1866 Godfrey, A. 2003 Godfrey, A. 2006	Birklands West / Sherwood Heath Birklands West / Sherwood Heath	Ref: 104 Ref: 108
<i>Coenosia testacea</i> Robineau-Desvoidy, 1830 Thornley 1912 Carr, L.A. 1912 Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 1 Ref: 119
<i>Coenosia tigrina</i> (Fabricius, 1775) 1912 1914 Godfrey, A. 2006 Pendleton, T.A. and Pendleton, D.T. 2010 Godfrey, A. 2010 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands West / Sherwood Heath Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Buck Gates Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 1 Ref: 108 Ref: 119 Ref: 123 Ref: 119
<b>Eudasyphora</b> Townsend, 1911		
<i>Eudasyphora cyanella</i> (Meigen, 1826) Pendleton, T.A. and Pendleton, D.T. 2016 Pendleton, T.A. and Pendleton, D.T. 2017 Pendleton, T.A. and Pendleton, D.T. 2018 Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 36 Ref: 36 Ref: 36 Ref: 36
<b>Graphomya</b> Robineau-Desvoidy, 1830		
<i>Graphomyia maculata</i> (Scopol, 1763) Carr, L.A. Pendleton, T.A. and Pendleton, D.T. 2016 Pendleton, T.A. and Pendleton, D.T. 2017 Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 36 Ref: 36 Ref: 36
<b>Haematobosca</b> Bezzi, 1907		
<i>Haematobosca stimulans</i> (Meigen, 1824) Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<b>Hebecnema</b> Schnabl, 1889		
<i>Hebecnema umbratica</i> (Meigen, 1826) Carr, L.A.	Birklands West and Ollerton Corner	Ref: 1



**Morellia Robineau-Desvoidy, 1830**

*Morellia simplex* (Loew, 1857)

Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2017

Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36

**Musca Linnaeus, 1758**

*Musca autumnalis* De Geer, 1776

Carr, L.A. 1906  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2018

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36

**Muscina Robineau-Desvoidy, 1830**

*Muscina levida* (Harris, [1780])

Godfrey, A. 2010  
Pendleton, T.A. and Pendleton, D.T. 2016

Birklands and Bilhaugh / Buck Gates Ref: 123  
Birklands West / Clipstone Old Qtr Ref: 36

**Myospila Rondani, 1856**

*Myospila meditabunda* (Macquart, 1834)

Carr, L.A. 1912  
Carr, L.A. 1912

Birklands West and Ollerton Corner Ref: 1  
Birklands and Bilhaugh Ref: 1

**Neomyia Walker, 1859**

*Neomyia cornicina* (Fabricius, 1781)

Godfrey, A. 2003  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2016

Birklands West / Sherwood Heath Ref: 104  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands West / Clipstone Old Qtr Ref: 36

**Neomyia viridescens** (Robineau-Desvoidy, 1830)

Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2018

Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36

**Phaonia Robineau-Desvoidy, 1830**

*Phaonia angelicae* (Scopoli, 1763)

Carr, L.A.  
Carr, L.A.  
Shaw, D. 2020

Birklands West and Ollerton Corner Ref: 1  
Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 163

**Phaonia errans** (Meigen, 1826)

Carr, L.A. 1914  
Pendleton, T.A. and Pendleton, D.T. 2016

Birklands West and Ollerton Corner Ref: 1  
Birklands West / Clipstone Old Qtr Ref: 36

**Phaonia incana** (Wiedemann, 1817)

Carr, L.A. 1914

Birklands West and Ollerton Corner Ref: 1

**Phaonia pallida** (Fabricius, 1787)

Carr, L.A. 1914  
Pendleton, T.A. and Pendleton, D.T. 2016

Birklands West and Ollerton Corner Ref: 1  
Birklands West / Clipstone Old Qtr Ref: 36

**Phaonia rufiventris** (Scopoli, 1763)

Carr, L.A. 1914  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2017

Birklands West and Ollerton Corner Ref: 1  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36

**Phaonia subventa** (Harris, [1780])

Godfrey, A. 2006  
Godfrey, A. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West / Sherwood Heath Ref: 108  
Birklands and Bilhaugh / Buck Gates Ref: 123  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Phaonia tuguriorum</i> (Scopoli, 1763)		
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<i>Phaonia valida</i> (Harris, [1780])		
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Polietes Rondani, 1866</b>		
<i>Polietes domitor</i> (Harris, [1780])		
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
<i>Polietes lardarius</i> (Fabricius, 1781)		
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Schoenomyza Haliday, 1833</b>		
<i>Schoenomyza litorella</i> (Fallén, 1823)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<b>Spilogona Schnabl, 1911</b>		
<i>Spilogona denegrata</i> (Meigen, 1826)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<b>Stomoxys Geoffroy, 1762</b>		
<i>Stomoxys calcitrans</i> (Linnaeus, 1758)		
Carr, L.A.	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A.	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
<b>Thricops Rondani, 1856</b>		
<i>Thricops diaphanus</i> (Wiedemann, 1817)		
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Thricops semicinereus</i> (Wiedemann, 1817)		
1912	Birklands and Bilhaugh	Ref: 1
<i>Thricops sudeticus</i> (Schnabl, 1888)		
1914	Birklands West and Ollerton Corner	Ref: 1
<b>Calliphoridae</b>		
<b>Bellardia Robineau-Desvoidy, 1863</b>		
<i>Bellardia viarum</i> (Robineau-Desvoidy, 1830)		
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<b>Calliphora Robineau-Desvoidy, 1830</b>		
<i>Calliphora stelviana</i> (Brauer & von Bergenstamm, 1891)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Calliphora vicina</i> Robineau-Desvoidy, 1830		
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: 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
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

### *Calliphora vomitoria* (Linnaeus, 1758)

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 1
	Birklands and Bilhaugh / Budby SF	Ref: 119

### Lucilia Robineau-Desvoidy, 1830

#### *Lucilia caesar* (Linnaeus, 1758)

Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36

#### *Lucilia sericata* (Meigen, 1826)

Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

#### *Lucilia sylvarum* (Meigen, 1826)

Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
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### Melinda Robineau-Desvoidy, 1830

#### *Melinda viridicyanea* (Robineau-Desvoidy, 1830)

Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119

### Pollenia Robineau-Desvoidy, 1830

#### *Pollenia pediculata* Macquart, 1834

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119

#### *Pollenia rudis* (Fabricius, 1794)

Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36

### Protocalliphora Hough, 1899

#### *Protocalliphora azurea* (Fallén, 1817)

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh / Budby SF	Ref: 36

## Rhinophoridae

### Rhinophora Robineau-Desvoidy, 1830

#### *Rhinophora lepida* (Meigen, 1824)

2015	Birklands and Bilhaugh	Ref: 165
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

## Sarcophagidae

### Brachiocoma Rondani, 1856

#### *Brachiocoma devia* (Fallén, 1820)

Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
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<b>Metopia</b> Meigen, 1826 <i>Metopia argyrocephala</i> (Meigen, 1824) Whiteley, D. 1990	Birklands West / Sherwood Heath	Ref: 79
<b>Sarcophaga</b> Meigen, 1826 <i>Sarcophaga carnaria</i> (Linnaeus, 1758) Godfrey, A. 2003 Pendleton, T.A. and Pendleton, D.T. 2010 Godfrey, A. 2010 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Buck Gates Birklands and Bilhaugh / Budby SF	Ref: 104 Ref: 119 Ref: 123 Ref: 119
<b>Sarcophaga subvicina</b> Rohdendorf, 1937 Godfrey, A. 2010 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Buck Gates Birklands and Bilhaugh / Budby SF	Ref: 123 Ref: 119
<b>Sarcophaga variegata</b> (Scopoli, 1763) Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
<b>Tachinidae</b>		
<b>Cylindromyia</b> Meigen, 1803 <i>Cylindromyia interrupta</i> (Meigen, 1824) Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 36 Ref: 119 Ref: 119
<b>Cyzenis</b> Robineau-Desvoidy, 1863 <i>Cyzenis leucophaea</i> (Fallén, 1810) Yerbury, Col. 1906	Birklands and Bilhaugh	Ref: 1
<b>Dexiosoma</b> Rondani, 1856 <i>Dexiosoma caninum</i> (Fabricius, 1781) Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 36 Ref: 36 Ref: 36
<b>Dinera</b> Robineau-Desvoidy, 1830 <i>Dinera griseescens</i> (Fallén, 1817) Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
<b>Eriothrix</b> Meigen, 1803 <i>Eriothrix rufomaculata</i> (De Geer, 1776) Skinner, M. 2015	Birklands and Bilhaugh	Ref: 141
<b>Ernestia</b> Robineau-Desvoidy, 1830 <i>Panzeria puparum</i> (Fabricius, 1794) Bradley, R.C. 1892	Birklands and Bilhaugh	Ref: 1
<b>Exorista</b> Meigen, 1803 <i>Exorista larvarum</i> (Linnaeus, 1758) Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
<b>Exorista rustica</b> (Fallén, 1810) Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Gymnocheta</b> Robineau-Desvoidy, 1830 <i>Gymnocheta viridis</i> (Fallén, 1810) Pendleton, T.A. and Pendleton, D.T. 2015 Pendleton, T.A. and Pendleton, D.T. 2017 Pendleton, T.A. and Pendleton, D.T. 2017 Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 36 Ref: 36 Ref: 36 Ref: 36
<b>Lypha</b> Robineau-Desvoidy, 1830 <i>Lypha dubia</i> (Fallén, 1810) Ford, T.H. 1994 Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 79 Ref: 36

Panzeria Robineau-Desvoidy, 1830  
*Panzeria anthophila* (Robineau-Desvoidy, 1830)

Pendleton, T.A. and Pendleton, D.T. 2018 Birklands West and Ollerton Corner Ref: 36

Phasia Latreille, 1804

*Phasia hemiptera* (Fabricius, 1794)

Pendleton, T.A. and Pendleton, D.T. 2011 Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011 Birklands West / Clipstone Old Qtr Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011 Birklands and Bilhaugh / Budby SF Ref: 119

Pendleton, T.A. 2020 Birklands and Bilhaugh Ref: 36

*Phasia obesa* (Fabricius, 1798)

Godfrey, A. 2006 Birklands West / Sherwood Heath Ref: 108

Pendleton, T.A. and Pendleton, D.T. 2010 Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010 Birklands and Bilhaugh / Budby SF Ref: 119

*Phasia pusilla* Meigen, 1824

Godfrey, A. 2003 Birklands West / Sherwood Heath Ref: 104

Godfrey, A. 2006 Birklands West / Sherwood Heath Ref: 108

Phryxe Robineau-Desvoidy, 1830

*Phryxe vulgaris* (Fallén, 1810)

Godfrey, A. 2003 Birklands West / Sherwood Heath Ref: 104

Pendleton, T.A. and Pendleton, D.T. 2016 Birklands West / Clipstone Old Qtr Ref: 36

Siphona Meigen, 1803

*Siphona geniculata* (De Geer, 1776)

Godfrey, A. 2006 Birklands West / Sherwood Heath Ref: 108

Tachina Meigen, 1803

*Tachina fera* (Linnaeus, 1761)

Wainwright, C.J. 1899 Birklands and Bilhaugh Ref: 1

Whiteley, D. 2003 Birklands and Bilhaugh Ref: 79

Godfrey, A. 2006 Birklands West / Sherwood Heath Ref: 108

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: 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

Pendleton, T.A. and Pendleton, D.T. 2010 Birklands West / Clipstone Old Qtr Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010 Birklands and Bilhaugh / Budby SF Ref: 119

Pendleton, T.A. and Pendleton, D.T. 2010 Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011 Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011 Birklands West / Clipstone Old Qtr Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011 Birklands and Bilhaugh / Budby SF Ref: 119

Pendleton, T.A. and Pendleton, D.T. 2012 Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014 Birklands West / Clipstone Old Qtr Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016 Birklands West / Clipstone Old Qtr Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017 Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017 Birklands and Bilhaugh / Budby SF Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018 Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018 Birklands West and Ollerton Corner Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018 Birklands West / Clipstone Old Qtr Ref: 36

Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018 Birklands and Bilhaugh Ref: 149

*Tachina ursina* Meigen, 1824

Pendleton, T.A. and Pendleton, D.T. 2011 Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011 Birklands and Bilhaugh / Budby SF Ref: 119

Pendleton, T.A. and Pendleton, D.T. 2012 Birklands and Bilhaugh / Budby SF Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011 Birklands and Bilhaugh Ref: 36

Skinner, M. 2017 Birklands and Bilhaugh Ref: 141

Pendleton, T.A. and Pendleton, D.T. 2018 Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2019 Birklands West / Sherwood Heath Ref: 36

Pendleton, T.A. 2020 Birklands and Bilhaugh / Budby SF Ref: 36



**Thelaira** Robineau-Desvoidy, 1830

*Thelaira nigripes* (Fabricius, 1794)

Pendleton, T.A. and Pendleton, D.T. 2014

Birklands West / Clipstone Old Qtr

Ref: 36

**Voria** Robineau-Desvoidy, 1830

*Voria ruralis* (Fallén, 1810)

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands West / Clipstone Old Qtr

Ref: 36

## Species List: Hemiptera - Lacebugs, Plantbugs, Damsel Bugs and Shieldbugs etc

### ORDER - HETEROPTERA

#### **Nepidae** Linnaeus, 1758

##### **Nepa** Linnaeus, 1758

###### *Nepa cinerea* **Water Scorpion** Linnaeus, 1758

Carr, L.A.

Birklands West and Ollerton Corner

Ref: 1

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 96

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

Birklands and Bilhaugh / Budby SF

Ref: 36

##### **Ranatra** Fabricius, 1790

###### *Ranatra linearis* **Water Stick Insect** Linnaeus, 1758

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 96

#### **Corixidae**

##### **Cymatia** Flor, 1860

###### *Cymatia coleoptrata* (Fabricius, 1777)

Merritt, R. 2003

Birklands and Bilhaugh / Budby SF

Ref: 96

Merritt, R. 2003

Birklands and Bilhaugh

Ref: 96

Pendleton, T.A. 2020

Birklands and Bilhaugh / Budby SF

Ref: 36

##### **Callicorixa** White, 1873

###### *Callicorixa praeusta* (Fieber, 1848)

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 96

Merritt, R. 2003

Birklands and Bilhaugh / Budby SF

Ref: 96

##### **Corixa** Geoffroy, 1762

###### *Corixa punctata* (Illiger, 1807)

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 96

##### **Hesperocorixa** Kirkaldy, 1908

###### *Hesperocorixa linnaei* (Fieber, 1848)

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 96

###### *Hesperocorixa sahlbergi* (Fieber, 1848)

Merritt, R. 1999

Birklands and Bilhaugh / Budby SF

Ref: 96

Merritt, R. 2003

Birklands and Bilhaugh / Budby SF

Ref: 96

Pendleton, T.A. 2020

Birklands and Bilhaugh / Budby SF

Ref: 36

##### **Sigara** Fabricius, 1775

###### *Sigara distincta* (Fieber, 1848)

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 96

###### *Sigara dorsalis* (Leach 1817)

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 96

###### *Sigara falleni* (Fieber, 1848)

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 96

###### *Sigara fossarum* (Leach 1817)

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 96

###### *Sigara lateralis* (Leach 1817)

Merritt, R. 2003

Birklands and Bilhaugh / Budby SF

Ref: 96

###### *Sigara limitata* (Fieber, 1848)

Merritt, R. 2003

Birklands and Bilhaugh / Budby SF

Ref: 96

Pendleton, T.A. 2020

Birklands and Bilhaugh / Budby SF

Ref: 36

## Naucoridae

Ilyocoris Stål, 1861

*Ilyocoris cimicoides* (Linnaeus, 1758)

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 96

## Notonectidae

Notonecta Linnaeus, 1758

*Notonecta glauca* (Linnaeus, 1758)

Merritt, R. 1998

Birklands West / Clipstone Old Qtr

Ref: 96

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 96

Merritt, R. 2003

Birklands and Bilhaugh / Budby SF

Ref: 96

Pendleton, T.A. 2020

Birklands and Bilhaugh / Budby SF

Ref: 36

*Notonecta maculata* (Fabricius, 1794)

Pendleton, T.A. 2020

Birklands and Bilhaugh / Budby SF

Ref: 36

*Notonecta viridis* Delcourt, 1909

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 96

Merritt, R. 2003

Birklands and Bilhaugh / Budby SF

Ref: 96

## Veliidae

Microvelia Westwood, 1834

*Microvelia reticulata* (Burmeister, 1835)

Merritt, R. 1999

Birklands and Bilhaugh

Ref: 96

Merritt, R. 2003

Birklands and Bilhaugh / Budby SF

Ref: 96

Velia Latreille, 1804

*Velia caprai* Tamanini, 1947

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 96

## Gerridae

Gerris Fabricius, 1794

*Gerris lacustris* (Linnaeus, 1758)

Merritt, R. 1999

Birklands and Bilhaugh / Budby SF

Ref: 96

Merritt, R. 2000

Birklands and Bilhaugh / Budby SF

Ref: 96

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

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh / Budby SF

Ref: 36

*Gerris odontogaster* (Zetterstedt, 1828)

Merritt, R. 2003

Birklands and Bilhaugh / Budby SF

Ref: 96

## Saldidae

Chartoscirta Stål, 1868

*Chartoscirta cocksii* (Curtis, 1835)

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

Macrosaldula Leston & Southwood, 1964

*Macrosaldula scotica* (Curtis, 1835)

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

Saldula Van Duzee, 1914

*Saldula orthochila* (Fieber, 1859)

1911

Birklands West and Ollerton Corner

Ref: 1

1914

Birklands West and Ollerton Corner

Ref: 1

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

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014

Birklands and Bilhaugh / Budby SF

Ref: 36

*Saldula saltatoria* **Common Shore Bug** (Linnaeus, 1758)

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

Godfrey, A. 2004

Birklands West / Sherwood Heath

Ref: 105

Pendleton, T.A. and Pendleton, D.T. 2015

Birklands and Bilhaugh / Budby SF

Ref: 36

## Tingidae

*Acalypta* Westwood, 1840

*Acalypta parvula* (Fallén, 1807)

Godfrey, A. 2006

Pendleton, T.A. and Pendleton, D.T. 2017

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands West / Sherwood Heath Ref: 108

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands and Bilhaugh Ref: 36

*Agramma* Stephens, 1829

*Agramma laetum* (Fallén, 1807)

Godfrey, A. 2006

Birklands West / Sherwood Heath Ref: 108

*Derephysia* Spinola, 1837

*Derephysia foliacea* (Fallén, 1807)

1914

Birklands West and Ollerton Corner Ref: 1

*Dictyonota* Curtis, 1827

*Dictyonota strichnocera* **Gorse Lacebug** Fieber, 1844

1912

1914

Wright, S. and Paul, C. 1994

Budworth, D. 2004

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

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2016

Pendleton, T.A. and Pendleton, D.T. 2017

Pendleton, T.A. and Pendleton, D.T. 2017

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh Ref: 1

Birklands and Bilhaugh Ref: 1

Birklands West / Sherwood Heath Ref: 132

Birklands and Bilhaugh / Budby SF Ref: 96

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh / Budby SF Ref: 119

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands West / Sherwood Heath Ref: 36

*Physatocheila* Fieber, 1844

*Physatocheila dumetorum* (Herrich-Schäffer, 1838)

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh Ref: 36

*Tingis* Fabricius, 1803

*Tingis ampliata* (Herrich-Schäffer, 1838)

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

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands and Bilhaugh / Budby SF Ref: 119

Birklands and Bilhaugh Ref: 36

*Tingis cardui* **Spear Thistle Lacebug** (Linnaeus, 1758)

1913

1914

Godfrey, A. 2004

Godfrey, A. 2006

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

Binding, A.E. and Binding, A. 2009

Pendleton, T.A. and Pendleton, D.T. 2016

Birklands and Bilhaugh Ref: 1

Birklands and Bilhaugh Ref: 1

Birklands West / Sherwood Heath Ref: 105

Birklands West / Sherwood Heath Ref: 108

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands and Bilhaugh Ref: 111

Birklands West / Clipstone Old Qtr Ref: 36

## Microphysidae

*Myrmedobia* Baerungsprung, 1857

*Myrmedobia distinguenda* Reuter, 1884

Bedwell, E.C. 1913

Birklands and Bilhaugh Ref: 10

## Piesmatidae

*Piesma* Le Peletier & Serville, 1825

*Piesma maculatum* (Laporte, 1832)

Pendleton, T.A. and Pendleton, D.T. 2016

Birklands West / Clipstone Old Qtr Ref: 36

## Miridae

*Adelphocoris* Reuter, 1896

*Adelphocoris lineolatus* **Lucerne Bug** (Goeze, 1778)

Ryles, W.E.

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

Birklands and Bilhaugh Ref: 1

Birklands West / Clipstone Old Qtr Ref: 36

Alloeotomus Fieber, 1858 <i>Alloeotomus gothicus</i> (Fallén, 1807) Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Bryocoris Fallén, 1829 <i>Bryocoris pteridis</i> (Fallén, 1807) 1912	Birklands West and Ollerton Corner	Ref: 1
Blepharidopterus Kolenati, 1845 <i>Blepharidopterus angulatus</i> (Fallén, 1807) Budworth, D. 1994	Birklands West / Sherwood Heath	Ref: 133
Calocoris Fieber, 1858 <i>Calocoris alpestris</i> (Meyer-Dür, 1843) Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 36 Ref: 36
<i>Calocoris roseomaculatus</i> (DeGeer, 1773) Godfrey, A. 2006 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath Birklands and Bilhaugh / Budby SF	Ref: 108 Ref: 119
Camptozygum Reuter, 1896 <i>Camptozygum aequale</i> (Villers, 1789) 1914	Birklands and Bilhaugh	Ref: 1
Campyloneura Fieber, 1858 <i>Campyloneura virgula</i> (Herrich-Schäffer, 1835) 1912 Pendleton, T.A. 2020	Birklands West and Ollerton Corner Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 36
Capsus Linnaeus, 1758 <i>Capsus ater</i> (Linnaeus, 1758) 1911 1911 1912 1912 1913 1913 1914 1914 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Binding, A.E. and Binding, A. 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner 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 / Budby SF Birklands and Bilhaugh Birklands West / Sherwood Heath	Ref: 1 Ref: 1 Ref: 1 Ref: 1 Ref: 1 Ref: 1 Ref: 1 Ref: 1 Ref: 36 Ref: 36 Ref: 111 Ref: 36 Ref: 36 Ref: 36 Ref: 119 Ref: 36 Ref: 36
Charagochilus Fieber, 1858 <i>Charagochilus gyllenhalii</i> (Fallén, 1807) Godfrey, A. 2006 Pendleton, T.A. and Pendleton, D.T. 2017 Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath Birklands West / Sherwood Heath Birklands West / Sherwood Heath	Ref: 108 Ref: 36 Ref: 36
Closterotomus Fieber, 1858 <i>Closterotomus fulvomaculatus</i> (DeGeer, 1773) 1912	Birklands West and Ollerton Corner	Ref: 1
<i>Closterotomus norwegicus</i> (Gmelin, 1790) Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 36 Ref: 36

## Cyllecoris Linnaeus, 1767

### *Cyllecoris histrionius* (Linnaeus, 1767)

1911	Birklands and Bilhaugh	Ref: 1
1911	Birklands West and Ollerton Corner	Ref: 1
1912	Birklands and Bilhaugh	Ref: 1
1912	Birklands West and Ollerton Corner	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36

## Deraeocoris Kirschbaum, 1856

### *Deraeocoris flavilinea* (A. Costa, 1862)

Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36

### *Deraeocoris lutescens* (Schilling, 1837)

Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36

### *Deraeocoris ruber* (Linnaeus, 1758)

Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
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 / 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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Dicyphus Fieber, 1858

### *Dicyphus constrictus* (Boheman, 1852)

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
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### *Dicyphus globulifer* (Fallén, 1829)

Robinson. 1915	Birklands and Bilhaugh	Ref: 10
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

### *Dicyphus pallidus* (Herrich-Schäffer, 1836)

Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36

### *Dicyphus stachydis* J. Sahlberg, 1878

Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

## Dryophilocoris Reuter, 1875

### *Dryophilocoris flavoquadrimaculatus* (DeGeer, 1773)

1912	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36

### Globiceps Le Peletier & Serville, 1825

#### *Globiceps fulvicollis subsp. cruciatus* Jakovlev, 1877

1964	Birklands and Bilhaugh	Ref: 122
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Record originally labelled as *Globiceps cruciatus* in Natural England East Midlands 2005 Invertebrate Site Register. *Globiceps cruciatus* is now regarded as a sub-species of *Globiceps fulvicollis*.

### Harpocera Curtis, 1838

#### *Harpocera thoracica* (Fallén, 1807)

Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
Carr, L.A. 1914	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2008	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 West / Clipstone Old Qtr	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

### Heterotoma Le Peletier & Serville, 1825

#### *Heterotoma planicornis* (Pallas, 1772)

Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144

### Leptopterna Fieber, 1858

#### *Leptopterna dolobrata* **Meadow Plant Bug** (Linnaeus, 1758)

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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 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 West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Ismay, J. 2015	Birklands and Bilhaugh	Ref: 151

### *Leptopterna ferrugata* (Fallén, 1807)

1912	Birklands West and Ollerton Corner	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Chandler, P. J. 2015	Birklands and Bilhaugh	Ref: 160
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36

## Liocoris Fabricius, 1781

### *Liocoris tripustulatus* (Fabricius, 1781)

1912	Birklands West and Ollerton Corner	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Lopus Hahn, 1831

### *Lopus decolor* (Fallén, 1807)

Chandler, P. J. 2015	Birklands and Bilhaugh / Budby SF	Ref: 160
Ismay, J. 2015	Birklands West / Sherwood Heath	Ref: 151
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36

## Lygocoris Reuter, 1875

### *Lygocoris pabulinus* **Common Green Capsid** (Linnaeus, 1761)

Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119

## Lygus Hahn, 1833

### *Lygus maritimus* Wagner, 1949

Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
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## *Lygus pratensis* (Linnaeus, 1758)

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36

## *Lygus rugulipennis* Poppius, 1911

Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36

## Mecomma Fieber, 1858

### *Mecomma ambulans* (Fallén, 1807)

Chandler, P. J. 2015	Birklands and Bilhaugh / Budby SF	Ref: 160
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## Megacoelum Fieber, 1858

### *Megacoelum infusum* (Herrich-Schäffer, 1837)

Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
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## Megaloceroea Fieber, 1858

### *Megaloceroea relicticornis* (Geoffroy, 1785)

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Ismay, J. 2015	Birklands and Bilhaugh	Ref: 151
Bentley, H. 2015	Birklands West / Sherwood Heath	Ref: 159
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36

## Miris Fabricius, 1794

### *Miris striatus* (Linnaeus, 1758)

1904	Birklands and Bilhaugh	Ref: 1
1912	Birklands West and Ollerton Corner	Ref: 1
1912	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2008	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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36



Monalocoris Dahlbom, 1851

*Monalocoris filicis* **Bracken Bug** (Linnaeus, 1758)

Whiteley, D. 1989

Budworth, D. 1994

Birklands West / Sherwood Heath Ref: 143

Birklands West / Sherwood Heath Ref: 133

Neolygus Knight, 1917

*Neolygus contaminatus* (Fallén, 1807)

1911

1911

1912

1912

1913

1913

1914

1914

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

Birklands and Bilhaugh Ref: 1

Birklands West and Ollerton Corner Ref: 1

Birklands and Bilhaugh Ref: 1

Birklands West and Ollerton Corner Ref: 1

Birklands West and Ollerton Corner Ref: 1

Birklands and Bilhaugh Ref: 1

Birklands and Bilhaugh Ref: 1

Birklands West and Ollerton Corner Ref: 1

Birklands and Bilhaugh Ref: 36

Notostira Fieber, 1858

*Notostira elongata* (Geoffroy, 1785)

Wright, S. and Paul, C. 1994

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2017

Pendleton, T.A. and Pendleton, D.T. 2017

Pendleton, T.A. 2020

Birklands West / Sherwood Heath Ref: 132

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands West / Sherwood Heath Ref: 36

Birklands West / Clipstone Old Qtr Ref: 36

Birklands and Bilhaugh / Budby SF Ref: 36

Orthonotus Stephens, 1829

*Orthonotus rufifrons* (Fallén, 1807)

1914

Bentley, H. 2015

Birklands West and Ollerton Corner Ref: 1

Birklands and Bilhaugh Ref: 159

Orthops Fieber, 1858

*Orthops campestris* (Linnaeus, 1758)

1912

Birklands and Bilhaugh Ref: 1

*Orthops kalmii* (Linnaeus, 1758)

Pendleton, T.A. and Pendleton, D.T. 2017

Pendleton, T.A. and Pendleton, D.T. 2017

Pendleton, T.A. and Pendleton, D.T. 2018

Pendleton, T.A. and Pendleton, D.T. 2018

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands West / Clipstone Old Qtr Ref: 36

Birklands West and Ollerton Corner Ref: 36

Birklands West and Ollerton Corner Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands West / Clipstone Old Qtr Ref: 36

Orthotylus Fieber, 1858

*Orthotylus ericetorum* (Fallén, 1807)

1912

1913

1914

Budworth, D. 2004

Godfrey, A. 2006

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2015

Pendleton, T.A. and Pendleton, D.T. 2015

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh Ref: 1

Birklands and Bilhaugh Ref: 1

Birklands and Bilhaugh Ref: 1

Birklands and Bilhaugh / Budby SF Ref: 96

Birklands West / Sherwood Heath Ref: 108

Birklands and Bilhaugh / Budby SF Ref: 119

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands West / Sherwood Heath Ref: 36

Birklands and Bilhaugh / Budby SF Ref: 36

*Orthotylus viridinervis* (Kirschbaum, 1856)

Carr, L.A. 1912

Birklands West and Ollerton Corner Ref: 1

Phylus Hahn, 1831

*Phylus melanocephalus* (Linnaeus, 1767)

Thornley 1901

1911

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

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

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh Ref: 1

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Phytocoris Fallén, 1814</b>		
<i>Phytocoris longipennis</i> Flor, 1861		
1912	Birklands and Bilhaugh	Ref: 1
<i>Phytocoris pini</i> Kirschbaum, 1856		
Determined by Butler, E.A. 1914	Birklands and Bilhaugh	Ref: 1
<i>Phytocoris tiliae</i> (Fabricius, 1777)		
1911	Birklands and Bilhaugh	Ref: 1
1912	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
<i>Phytocoris ulmi</i> (Linnaeus, 1758)		
Chandler, P. J. 2015	Birklands and Bilhaugh	Ref: 160
<i>Phytocoris varipes</i> Boheman, 1852		
Carr, L.A. and Robinson 1912	Birklands and Bilhaugh	Ref: 1
Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Budworth, D. 1994	Birklands West / Sherwood Heath	Ref: 133
Whiteley, D. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
<b>Pinalitus Kelton, 1955</b>		
<i>Pinalitus cervinus</i> (Herrich-Schäffer, 1841)		
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
<i>Pinalitus rubricatus</i> (Fallén, 1807)		
1912	Birklands West and Ollerton Corner	Ref: 1
<b>Pithanus Fieber, 1858</b>		
<i>Pithanus maerkelii</i> (Herrich-Schäffer, 1838)		
Bentley, H. 2015	Birklands West / Sherwood Heath	Ref: 159
Ismay, J. 2015	Birklands and Bilhaugh	Ref: 151
<b>Plagiognathus Fieber, 1858</b>		
<i>Plagiognathus arbustorum</i> (Fabricius, 1794)		
Budworth, D. 1994	Birklands West / Sherwood Heath	Ref: 133
Bentley, H. 2015	Birklands West / Sherwood Heath	Ref: 159
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Plagiognathus chrysanthemii</i> (Wolff, 1804)		
Bentley, H. 2015	Birklands West / Sherwood Heath	Ref: 159
Ismay, J. 2015	Birklands and Bilhaugh	Ref: 151
<b>Platycranus Fieber, 1870</b>		
<i>Platycranus bicolor</i> (Douglas & Scott, 1868)		
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<b>Psallus Fieber, 1858</b>		
<i>Psallus ambiguus</i> (Fallén, 1807)		
Carr, L.A. 1914	Birklands West and Ollerton Corner	Ref: 1
<i>Psallus betuleti</i> (Fallén, 1826)		
Thornley 1901	Birklands and Bilhaugh	Ref: 1
Carr, L.A. 1911	Birklands and Bilhaugh	Ref: 1

<i>Psallus fallenii</i> Reuter, 1883			
1912		Birklands and Bilhaugh	Ref: 1
1914		Birklands and Bilhaugh	Ref: 1
<i>Psallus perrisi</i> (Mulsant & Rey, 1852)			
Pendleton, T.A. and Pendleton, D.T.	2017	Birklands and Bilhaugh	Ref: 36
<i>Psallus variabilis</i> (Fallén, 1807)			
1911		Birklands and Bilhaugh	Ref: 1
1911		Birklands West and Ollerton Corner	Ref: 1
1912		Birklands and Bilhaugh	Ref: 1
1912		Birklands West and Ollerton Corner	Ref: 1
1913		Birklands West and Ollerton Corner	Ref: 1
1913		Birklands and Bilhaugh	Ref: 1
1914		Birklands and Bilhaugh	Ref: 1
1914		Birklands West and Ollerton Corner	Ref: 1
<i>Psallus varians</i> (Herrich-Schäffer, 1841)			
1912		Birklands West and Ollerton Corner	Ref: 1
Pendleton, T.A. and Pendleton, D.T.	2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T.	2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T.	2018	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Pseudoloxops</i> Kirkaldy, 1905			
<i>Pseudoloxops coccineus</i> (Meyer-Dür, 1843)			
Godfrey, A.	2006	Birklands West / Sherwood Heath	Ref: 108
<i>Rhabdomiris</i> Wagner, 1968			
<i>Rhabdomiris striatellus</i> (Fabricius, 1794)			
Pendleton, T.A. and Pendleton, D.T.	2010	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D.	2018	Birklands and Bilhaugh	Ref: 149
<i>Stenodema</i> Laporte, 1833			
<i>Stenodema calcarata</i> (Fallén, 1807)			
Budworth, D.	1994	Birklands West / Sherwood Heath	Ref: 133
Godfrey, A.	2004	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A.	2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T.	2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T.	2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T.	2017	Birklands West / Sherwood Heath	Ref: 36
<i>Stenodema laevigata</i> (Linnaeus, 1758)			
Wright, S. and Paul, C.	1994	Birklands West / Sherwood Heath	Ref: 132
Budworth, D.	1994	Birklands West / Sherwood Heath	Ref: 133
Godfrey, A.	2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T.	2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T.	2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T.	2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T.	2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T.	2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T.	2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T.	2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T.	2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T.	2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T.	2017	Birklands West / Sherwood Heath	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D.	2018	Birklands and Bilhaugh	Ref: 149
<i>Stenotus</i> Jakovlev, 1877			
<i>Stenotus binotatus</i> (Fabricius, 1794)			
1912		Birklands West and Ollerton Corner	Ref: 1
<i>Trigonotylus</i> Fieber, 1858			
<i>Trigonotylus ruficornis</i> (Geoffroy, 1785)			
1911		Birklands and Bilhaugh	Ref: 1

1914  
Pendleton, T.A. and Pendleton, D.T. 2012  
Bentley, H. 2015

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands West / Sherwood Heath Ref: 159

## Nabidae

### Himacerus Wolff, 1811

#### *Himacerus apterus* **Tree Damsel Bug** (Fabricius, 1798)

Wright, S. and Paul, C. 1994  
Godfrey, A. 2006  
Pendleton, T.A. and Pendleton, D.T. 2008  
Pendleton, T.A. and Pendleton, D.T. 2008  
Bryce, M. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Alexander, K.N.A. 2009/2010  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2015  
Chandler, P. J. 2015  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. 2020  
Pendleton, T.A. 2020

Birklands West / Sherwood Heath Ref: 132  
Birklands West / Sherwood Heath Ref: 108  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 151  
Birklands and Bilhaugh Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West and Ollerton Corner Ref: 118  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 160  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands West / Sherwood Heath Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36

#### *Himacerus boops* (Schjødte, 1870)

Godfrey, A. 2006  
Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West / Sherwood Heath Ref: 108  
Birklands and Bilhaugh / Budby SF Ref: 119

#### *Himacerus major* **Grey Damsel Bug** (A. Costa, 1842)

1912  
Godfrey, A. 2006

Birklands and Bilhaugh Ref: 1  
Birklands West / Sherwood Heath Ref: 108

#### *Himacerus mimicroides* **Ant Damsel Bug** (O. Costa, 1834)

Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. 2020

Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh Ref: 36  
Birklands West / Sherwood Heath Ref: 36  
Birklands West / Sherwood Heath Ref: 36

### Nabis Latreille, 1802

#### *Nabis ericetorum* **Heath Damsel Bug** Scholtz, 1847

1912  
1913  
1914  
Godfrey, A. 2006  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2014  
Pendleton, T.A. and Pendleton, D.T. 2015  
Pendleton, T.A. and Pendleton, D.T. 2016  
Pendleton, T.A. and Pendleton, D.T. 2017  
Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 1  
Birklands West / Sherwood Heath Ref: 108  
Birklands West / Sherwood Heath Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36

#### *Nabis ferus* **Field Damsel Bug** (Linnaeus, 1758)

1912  
1913  
Budworth, D. 2004  
Godfrey, A. 2006  
Pendleton, T.A. and Pendleton, D.T. 2010  
Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh / Budby SF Ref: 96  
Birklands West / Sherwood Heath Ref: 108  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh / Budby SF Ref: 36

*Nabis flavomarginatus* **Broad Damsel Bug** Scholtz, 1847

Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119

*Nabis limbatus* **Marsh Damsel Bug** Dahlbom, 1851

1912	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119

*Nabis lineatus* **Reed Damsel Bug** Dahlbom, 1851

1981	Birklands and Bilhaugh	Ref: 122
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*Nabis rugosus* **Common Damsel Bug** (Linnaeus, 1758)

Budworth, D. 1994	Birklands West / Sherwood Heath	Ref: 133
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

**Anthocoridae**

*Acompocoris* Reuter, 1875

*Acompocoris pygmaeus* (Fallén, 1807)

1914	Birklands and Bilhaugh	Ref: 1
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*Anthocoris* Fallén, 1814

*Anthocoris confusus* Reuter, 1884

Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 36

*Anthocoris nemoralis* (Fabricius, 1794)

Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh / Buck Gates	Ref: 117
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*Anthocoris nemorum* (Linnaeus, 1761)

Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh / Buck Gates	Ref: 117
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Chandler, P.J. 2015	Birklands and Bilhaugh / Budby SF	Ref: 160
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West and Ollerton Corner	Ref: 36

*Lyctocoris* Hahn, 1836

*Lyctocoris campestris* **Debris Bug** (Fabricius 1794)

1914	Birklands West and Ollerton Corner	Ref: 1
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Orius Wolff, 1811		
<i>Orius vicinus</i> (Ribaut, 1923)		
Budworth, D. 1994	Birklands West / Sherwood Heath	Ref: 133
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Xylocoris Dufour, 1831		
<i>Xylocoris cursitans</i> (Fallén, 1814)		
Blatch, W.G.	Birklands and Bilhaugh	Ref: 1
Jones. 1924	Birklands and Bilhaugh	Ref: 10
<b>Cimicidae</b>		
Cimex Linnaeus, 1758		
<i>Cimex columbarius</i> Jenyns, 1839		
Willoughby Ellis, H.	Birklands and Bilhaugh	Ref: 1
<b>Reduviidae</b>		
Coranus Curtis, 1833		
<i>Coranus aethiops</i> Jakovlev, 1893 (Not confirmed, but believed to be this species)		
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
<i>Coranus sp</i>		
Joynt, G. Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Empicoris Wolff, 1811		
<i>Empicoris vagabundus</i> (Linnaeus, 1758)		
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 119
<b>Aradidae</b>		
Aradus Fabricius, 1803		
<i>Aradus depressus</i> (Fabricius, 1794)		
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
<b>Berytidae</b>		
Metatropis Fieber, 1859		
<i>Metatropis rufescens</i> (Herrich-Schäffer, 1835)		
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Lygaeidae</b>		
Cymus Baerensprung, 1860		
<i>Cymus melanocephalus</i> Fieber, 1861		
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>Drymus Fieber, 1860</b>		
<i>Drymus brunneus</i> (Sahlberg, 1848)		
1912	Birklands and Bilhaugh	Ref: 1
1917	Birklands West and Ollerton Corner	Ref: 10
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

*Drymus ryei* Douglas & Scott, 1865

Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

*Drymus sylvaticus* (Fabricius, 1775)

1914	Birklands and Bilhaugh	Ref: 1
1917	Birklands West and Ollerton Corner	Ref: 10
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

*Gastrodes* Westwood, 1840

*Gastrodes grossipes* (DeGeer, 1773)

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

*Heterogaster* Schilling, 1829

*Heterogaster urticae* (Fabricius, 1775)

Whiteley, D. 2003	Birklands and Bilhaugh	Ref: 143
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West and Ollerton Corner	Ref: 36

*Ischnodemus* Fieber, 1837

*Ischnodemus sabuleti* **European Chinchbug** (Fallén, 1826)

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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*Kleidocerys* Stephens, 1829

*Kleidocerys ericae* (Horváth, 1908)

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36

*Kleidocerys resedae* **Birch Catkin Bug** (Panzer, 1797)

Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Whiteley, D. 1998	Birklands and Bilhaugh / Buck Gates	Ref: 143
Whiteley, D. 2003	Birklands and Bilhaugh	Ref: 143
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
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
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36

## Macrodema Fieber, 1860

### *Macrodema micropterum* (Curtis, 1836)

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

## Megalonotus Fieber, 1860

### *Megalonotus chiragra* (Fabricius, 1794)

Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
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## Peritrechus Fieber, 1860

### *Peritrechus geniculatus* (Hahn, 1832)

Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36

### *Peritrechus nubilus* (Fallén, 1807)

Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
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## Plinthisus Latreille, 1807

### *Plinthisus brevipennis* (Latreille, 1807)

Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
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## Scolopostethus Fieber, 1860

### *Scolopostethus affinis* (Schilling, 1829)

Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

### *Scolopostethus decoratus* (Hahn, 1833)

1912	Birklands and Bilhaugh	Ref: 1
1913	Birklands and Bilhaugh	Ref: 1
1914	Birklands West and Ollerton Corner	Ref: 1
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

### *Scolopostethus thomsoni* Reuter, 1874

1912	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. et al 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Stygnocoris Douglas & Scott, 1865

### *Stygnocoris rusticus* (Fallén, 1807)

1912	Birklands and Bilhaugh	Ref: 1
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### *Stygnocoris sabulosus* (Schilling, 1829)

1913	Birklands and Bilhaugh	Ref: 1
1917	Birklands West and Ollerton Corner	Ref: 10
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

## Trapezonotus Fieber, 1860

### *Trapezonotus arenarius* (Linnaeus, 1758)

1913	Birklands and Bilhaugh	Ref: 1
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1917		Birklands West and Ollerton Corner	Ref: 10
1918		Birklands West and Ollerton Corner	Ref: 10
<b>Trapezonotus desertus</b> Seidenstücker, 1951			
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Coreidae</b>			
<b>Ceraleptus</b> A. Costa, 1847			
<b>Ceraleptus lividus</b> Stein, 1858			
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	Ref: 36
<b>Coreus</b> Fabricius, 1794			
<b>Coreus marginatus</b> <b>Dock Bug</b> (Linnaeus, 1758)			
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
	Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
	Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. 2020	Birklands West / Sherwood Heath	Ref: 36
	Shaw, D. 2020	Birklands West / Sherwood Heath	Ref: 158
<b>Coriomeris</b> Westwood, 1842			
<b>Coriomeris denticulatus</b> (Scopoli, 1763)			
	Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Leptoglossus</b> Guerin-Meneville, 1831			
<b>Leptoglossus occidentalis</b> Heidemann, 1910			
	Turner, G. 2017	Birklands and Bilhaugh	Ref: 163
<b>Rhopalidae</b>			
<b>Chorosoma</b> Curtis, 1830			
<b>Chorosoma schillingi</b> (Schilling, 1829)			
	Whiteley, D. 2000	Birklands and Bilhaugh / Buck Gates	Ref: 79
	Whiteley, D. 2001	Birklands West / Sherwood Heath	Ref: 79
	Budworth, D. 2004	Birklands and Bilhaugh / Budby SF	Ref: 96
	Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
	Frost, R.A. 2011	Birklands and Bilhaugh / Budby SF	Ref: 127
		Birklands and Bilhaugh / Budby SF	
<b>Corizus</b> Fallén, 1814			
<b>Corizus hyoscyami</b> (Linnaeus, 1758)			
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
	Shaw, D. 2016	Birklands West / Sherwood Heath	Ref: 158
	Ryder, C. 2017	Birklands and Bilhaugh / Budby SF	Ref: 161
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Myrmus</b> Hahn, 1832			
<b>Myrmus miriformis</b> (Fallén, 1807)			
	Robinson. 1915	Birklands and Bilhaugh	Ref: 10
	Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
	Budworth, D. 1994	Birklands West / Sherwood Heath	Ref: 133
	Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
	Budworth, D. 2004	Birklands and Bilhaugh / Budby SF	Ref: 96
	Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Bentley, H. 2015	Birklands West / Sherwood Heath	Ref: 159
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36

## Rhopalus Schilling, 1827

### *Rhopalus subrufous* (Gmelin, 1790)

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36

## Stictopleurus Stål, 1872

### *Stictopleurus punctatonervosus* (Goeze, 1778)

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
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## Cydnidae

### Legnotus Schiødte, 1848

#### *Legnotus limbosus* **Bordered Shieldbug** (Geoffroy, 1785)

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

### Sehirus Amyot & Serville, 1843

#### *Sehirus luctuosus* **Forget-me-not Shieldbug** (Mulsant & Rey, 1866)

Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
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### Tritomegas Amyot & Serville, 1943

#### *Tritomegas bicolor* **Pied Shieldbug** (Linnaeus, 1758)

Ryles, W.E.	Birklands and Bilhaugh	Ref: 1
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. 2010	Birklands and Bilhaugh	Ref: 36

## Thyreocoridae

### Thyreocoris Schrank, 1801

#### *Thyreocoris scarabaeoides* **Scarab Shieldbug** (Linnaeus, 1758)

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
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## Pentatomidae

### Aelia Fabricius, 1803

#### *Aelia acuminata* **Bishop's Mitre** (Linnaeus, 1758)

Budworth, D. 2004	Birklands and Bilhaugh / Budby SF	Ref: 96
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2008	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 / Clipstone Old Qtr	Ref: 36
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36

Bentley, H. 2015	Birklands West / Sherwood Heath	Ref: 159
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh / Budby SF	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Dolycoris Mulsant & Rey, 1866

### *Dolycoris baccharum* **Hairy Shieldbug** (Linnaeus, 1758)

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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 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. 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
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh / Budby SF	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands West / Sherwood Heath	Ref: 36

## Eurydema Laporte, 1832

### *Eurydema oleracea* (Linnaeus, 1758)

Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

## Eysarcoris Hahn, 1834

### *Eysarcoris venustissimus* **Woundwort Shieldbug** (Schrank, 1776)

Pendleton, T.A. and Pendleton, D.T. 2005	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. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36

## Neottiglossa Kirby, 1837

### *Neottiglossa pusilla* **Small Grass Shieldbug** (Gmelin, 1790)

Budworth, D. 2004	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 West / Clipstone Old Qtr	Ref: 36

Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

## Palomena Mulsant & Rey, 1866

### *Palomena prasina* **Common Green Shieldbug** (Linnaeus, 1761)

Roebuck, A. 1932	Birklands and Bilhaugh	Ref: 10
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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: 36
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
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 West / Sherwood Heath	Ref: 36
Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Heeney, W. 2014	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West and Ollerton Corner	Ref: 36

## Pentatoma Oliver, 1789

### *Pentatoma rufipes* **Red-legged Shieldbug** (Linnaeus, 1758)

Carr, L.A. 1914	Birklands and Bilhaugh	Ref: 1
Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Budworth, D. 1994	Birklands West / Sherwood Heath	Ref: 133
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2008	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 West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Alexander, K.N.A. 2009/2010	Birklands West and Ollerton Corner	Ref: 118
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36

### Picromerus Amyot & Serville, 1843

#### *Picromerus bidens* **Spiked Shieldbug** (Linnaeus, 1758)

Whiteley, D. 2000	Birklands and Bilhaugh / Budby SF	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF	Ref: 36
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. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Whetton, B. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
Pendleton, T.A. 2020	Birklands West / Sherwood Heath	Ref: 36

### Piezodorus Fieber, 1860

#### *Piezodorus lituratus* **Gorse Shieldbug** (Fabricius, 1794)

Ryles, W.E.	Birklands and Bilhaugh	Ref: 1
Whiteley, D. 2000	Birklands West / Sherwood Heath	Ref: 79
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
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 / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh / Budby SF	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36

### Rhacognathus Fieber, 1860

#### *Rhacognathus punctatus* **Heather Bug** (Linnaeus, 1758)

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36

### Sciocoris Fallén, 1829

#### *Sciocoris cursitans* (Fabricius, 1794)

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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### Troilus Stål, 1867

#### *Troilus luridus* **Bronze Shieldbug** (Fabricius, 1775)

Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
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 / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands and Bilhaugh

Ref: 36

## Zicrona Amyot & Serville, 1843

### *Zicrona caerulea* **Blue Shieldbug** (Linnaeus, 1758)

Godfrey, A. 2006

Birklands West / Sherwood Heath

Ref: 108

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

Binding, A.E. and Binding, A. 2009

Birklands and Bilhaugh

Ref: 111

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh

Ref: 36

Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018

Birklands and Bilhaugh

Ref: 149

## Acanthosomatidae

### Acanthosoma Curtis, 1824

#### *Acanthosoma haemorrhoidale* **Hawthorn Shieldbug** (Linnaeus, 1758)

Binding, A. 1999

Birklands and Bilhaugh

Ref: 79

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: 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

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016

Birklands and Bilhaugh / Budby SF

Ref: 36

Heeney, W. 2017

Birklands and Bilhaugh

Ref: 144

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands West / Sherwood Heath

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2019

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. 2020

Birklands and Bilhaugh

Ref: 36

### Elasmostethus Fieber, 1860

#### *Elasmostethus interstinctus* **Birch Shieldbug** (Linnaeus, 1758)

Ryles, W.E.

Birklands and Bilhaugh

Ref: 1

Budworth, D. et al 2009

Birklands and Bilhaugh

Ref: 120

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

Budworth, D. 2009

Birklands and Bilhaugh

Ref: 120

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 West / Sherwood Heath

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh / Budby SF

Ref: 119

Godfrey, A. 2010

Birklands and Bilhaugh / Buck Gates

Ref: 123

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West / Sherwood Heath

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014

Birklands and Bilhaugh

Ref: 36

Musgrove, A. 2017

Birklands and Bilhaugh

Ref: 142

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2019

Birklands West / Clipstone Old Qtr Ref: 36

## Elasmucha Stål, 1864

### *Elasmucha grisea* Parent Bug (Linnaeus, 1758)

Ryles, W.E.

Birklands and Bilhaugh Ref: 1

Merritt, R. 1989

Birklands West / Sherwood Heath Ref: 130

Wright, S. and Paul, C. 1994

Birklands West / Sherwood Heath Ref: 132

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. 2011

Birklands and Bilhaugh / Budby SF Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh Ref: 36

## Scutelleridae

### Eurygaster Laporte, 1833

#### *Eurygaster testudinaria* (Geoffroy, 1785)

Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 36

## ORDER HOMOPTERA

## Cercopidae

### Cercopis Fabricius, 1775

#### *Cercopis vulnerata* Illiger in Rossi, 1807

1912

Birklands and Bilhaugh Ref: 1

Whiteley, D. 1998

Birklands and Bilhaugh / Buck Gates Ref: 79

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. 2007

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: 36

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

Birklands West / Clipstone Old Qtr 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

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. 2010

Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands West / Clipstone Old Qtr Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh / Budby SF Ref: 119

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West / Clipstone Old Qtr Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West and Ollerton Corner Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Budby SF Ref: 119

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands and Bilhaugh / Budby SF Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014

Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014

Birklands West / Clipstone Old Qtr Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2015

Birklands and Bilhaugh Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016

Birklands West / Clipstone Old Qtr Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016

Birklands and Bilhaugh Ref: 36

Heeney, W. 2017

Birklands and Bilhaugh Ref: 144

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh Ref: 36

Musgrove, A. 2017

Birklands and Bilhaugh Ref: 142

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands and Bilhaugh Ref: 36

Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018

Birklands and Bilhaugh Ref: 149

Pendleton, T.A. and Pendleton, D.T. 2019

Birklands and Bilhaugh Ref: 36

Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 36

## Aphrophoridae

### Aphrophora Germar, 1821

#### *Aphrophora alni* (Fallén, 1805)

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

Birklands West / Clipstone Old Qtr Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands West / Clipstone Old Qtr Ref: 36

## Neophilaenus Haupt, 1935

### *Neophilaenus exclamationis* (Thunberg, 1784)

Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36

### *Neophilaenus lineatus* (Linnaeus, 1758)

Wright, S. and Paul, C. 1994	Birklands West / Sherwood Heath	Ref: 132
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

## Philaenus Stål, 1864

### *Philaenus spumarius* **Common Froghopper** (Linnaeus, 1758)

Binding, A.E. 1999	Birklands and Bilhaugh	Ref: 79
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
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: 36
Pendleton, T.A. and Pendleton, D.T. 2008	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
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 / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119

## Membracidae

### Centrotus Fabricius, 1803

#### *Centrotus cornutus* (Linnaeus, 1758)

1912	Birklands and Bilhaugh	Ref: 1
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## Cicadellidae

### Agallia Curtis, 1833

#### *Agallia consobrina* Curtis, 1833

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
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### Alebra Fieber, 1872

#### *Alebra albostriella* (Fallén, 1826)

1911	Birklands and Bilhaugh	Ref: 1
1912	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36

### Allygus Fieber, 1875

#### *Allygus mixtus* (Fabricius, 1794)

1912	Birklands West and Ollerton Corner	Ref: 1
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#### *Allygus modestus* Scott, 1876

Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
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### Anoscopus Kirschbaum, 1868

#### *Anoscopus albifrons* (Linnaeus, 1758)

1912	Birklands and Bilhaugh	Ref: 1
1912	Birklands West and Ollerton Corner	Ref: 1
1913	Birklands and Bilhaugh	Ref: 1
1913	Birklands West and Ollerton Corner	Ref: 1
1914	Birklands and Bilhaugh	Ref: 1



1914	Birklands West and Ollerton Corner	Ref: 1
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<b>Anoscopus histrionicus</b> (Fabricius, 1794)		
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
<b>Anoscopus flavostriatus</b> (Donovan, 1799)		
1912	Birklands West and Ollerton Corner	Ref: 1
<b>Aphrodes</b> Curtis, 1833		
<b>Aphrodes makarovi</b> Zakhvatkin, 1948		
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
<b>Arocephalus</b> Ribaut, 1946		
<b>Arocephalus punctum</b> (Flor, 1861)		
1911	Birklands West and Ollerton Corner	Ref: 1
1912	Birklands and Bilhaugh	Ref: 1
1913	Birklands and Bilhaugh	Ref: 1
1914	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 105
<b>Arthaldeus</b> Ribaut, 1946		
<b>Arthaldeus pascuellus</b> (Fallén, 1826)		
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>Balclutha</b> Kirkaldy, 1900		
<b>Balclutha punctata</b> (Fabricius, 1775)		
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
<b>Cicadella</b> Latreille, 1817		
<b>Cicadella viridis</b> (Linnaeus, 1758)		
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>Cicadula</b> Zetterstedt, 1840		
<b>Cicadula aurantipes</b> (Edwards, 1894)		
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
<b>Cicadula persimilis</b> (Edwards, 1920)		
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<b>Cicadula quadrinotata</b> (Fabricius, 1794)		
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 105
<b>Deltocephalus</b> Burmeister, 1838		
<b>Deltocephalus pulicaris</b> (Fallén, 1806)		
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>Dikraneura</b> Hardy, 1850		
<b>Dikraneura variata</b> Hardy, 1850		
1912	Birklands and Bilhaugh	Ref: 1
1913	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36

Doratura Sahlberg, 1871 <i>Doratura stylata</i> (Boheman, 1847) Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Empoasca Walsh, 1862 <i>Empoasca vitis</i> (Göthe, 1875) Godfrey, A. 2004 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2017 Pendleton, T.A. and Pendleton, D.T. 2017 Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Sherwood Heath Birklands West / Sherwood Heath	Ref: 105 Ref: 36 Ref: 36 Ref: 36 Ref: 36
Errastunus Ribaut, 1946 <i>Errastunus ocellaris</i> (Fallén, 1806) Godfrey, A. 2006 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath Birklands and Bilhaugh / Budby SF	Ref: 105 Ref: 119
Eupelix Germar, 1821 <i>Eupelix cuspidata</i> (Fabricius, 1775) Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 105
Eupteryx Curtis, 1833 <i>Eupteryx aurata</i> <b>Potato Leafhopper</b> (Linnaeus, 1758) Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 119 Ref: 36
Eurhadina Haupt, 1929 <i>Eurhadina concinna</i> (Germar, 1831) Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath Birklands and Bilhaugh	Ref: 36 Ref: 36
Euscelis Brullé, 1832 <i>Euscelis incisus</i> (Kirschbaum, 1858) 1914 Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 119
Evacanthus Le Peletier & Serville, 1825 <i>Evacanthus acuminatus</i> (Fabricius, 1794) 1912	Birklands West and Ollerton Corner	Ref: 1
<i>Evacanthus interruptus</i> (Linnaeus, 1758) Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Fagocyba Diabola, 1958 <i>Fagocyba carri</i> (Edwards, 1914) Carr, J.W. 1912	Birklands and Bilhaugh	Ref: 1
Forcipata DeLong & Caldwell, 1936 <i>Forcipata citrinella</i> (Zetterstedt, 1828) Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 105
Graphocephala Van Duzee, 1916 <i>Graphocephala fennahi</i> Young, 1977 Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Grypotes Fieber, 1866 <i>Grypotes puncticollis</i> (Herrich-Schäffer, 1834) Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF Birklands West and Ollerton Corner	Ref: 36 Ref: 36
Hardya Edwards, 1922 <i>Hardya melanopsis</i> (Hardy, 1850) 1913 Godfrey, A. 2004 Godfrey, A. 2006	Birklands and Bilhaugh Birklands West / Sherwood Heath Birklands West / Sherwood Heath	Ref: 1 Ref: 105 Ref: 105

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<b>Iassus Fabricius, 1803</b>		
<i>Iassus lanio</i> (Linnaeus, 1761)		
Alexander, K.N.A. 2009/2010	Birklands and Bilhaugh	Ref: 117
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 119
<b>Jassargus Zachvatkin, 1933</b>		
<i>Jassargus pseudocellaris</i> (Flor, 1861)		
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<b>Kybos Fieber, 1866</b>		
<i>Kybos ludus</i> (Davidson & De Long, 1938)		
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
<b>Ledra Fabricius, 1803</b>		
<i>Ledra aurita</i> (Linnaeus, 1758)		
1912	Birklands and Bilhaugh	Ref: 1
1981	Birklands and Bilhaugh	Ref: 122
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Budworth, D. 2018	Birklands and Bilhaugh / Budby SF	Ref: 164
<b>Macropsis Lewis, 1834</b>		
<i>Macropsis scotti</i> Edwards, 1920		
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
<i>Macropsis scutellata</i> (Boheman, 1845) sensu stricto		
1912	Birklands West and Ollerton Corner	Ref: 1
<b>Macrosteles Fieber, 1866</b>		
<i>Macrosteles laevis</i> (Ribaut, 1927)		
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
<i>Macrosteles sexnotatus</i> (Fallén, 1806)		
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
<b>Megophthalmus Curtis, 1833</b>		
<i>Megophthalmus scabripennis</i> Edwards, 1915		
1912	Birklands West and Ollerton Corner	Ref: 1
1914	Birklands West and Ollerton Corner	Ref: 1
<b>Mocydia Edwards, 1922</b>		
<i>Mocydia crocea</i> (Herrich-Schäffer, 1836)		
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Mocydiopsis Ribaut, 1939</b>		
<i>Mocydiopsis attenuata</i> (Germar, 1821)		
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<b>Notus Fieber, 1866</b>		
<i>Notus flavipennis</i> (Zetterstedt, 1828)		
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<b>Oncopsis Burmeister, 1838</b>		
<i>Oncopsis alni</i> (Schrank, 1801)		
1911	Birklands and Bilhaugh	Ref: 1

<i>Oncopsis flavicollis</i> (Linnaeus, 1761)		
1901	Birklands and Bilhaugh	Ref: 1
1914	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Oncopsis tristis</i> (Zetterstedt, 1840)		
1911	Birklands and Bilhaugh	Ref: 1
1912	Birklands and Bilhaugh	Ref: 1
1913	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Planaphrodes Hamilton, 1975		
<i>Planaphrodes bifasciata</i> (Linnaeus, 1758)		
Carr, L.A. 1912	Birklands West and Ollerton Corner	Ref: 1
<i>Planaphrodes trifasciata</i> (Geoffroy in Fourcroy, 1785)		
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Psamnotettix Haupt, 1929		
<i>Psamnotettix confinis</i> (Dahlbom, 1850)		
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
<i>Psamnotettix nodosus</i> (Ribaut, 1925)		
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Recilia Edwards, 1922		
<i>Recilia coronifera</i> (Marshall, 1866)		
Carr, J.W. 1914	Birklands and Bilhaugh	Ref: 1
Rhytistylus Fieber, 1875		
<i>Rhytistylus proceps</i> (Kirschbaum, 1868)		
1913	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Speudotettix Ribaut, 1942		
<i>Speudotettix subfuscus</i> (Fallén, 1806)		
1911	Birklands and Bilhaugh	Ref: 1
1913	Birklands and Bilhaugh	Ref: 1
Streptanus Ribaut, 1942		
<i>Streptanus marginatus</i> (Kirschbaum, 1868)		
1914	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
<i>Streptanus sordidus</i> (Zetterstedt, 1828)		
1912	Birklands West and Ollerton Corner	Ref: 1
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Thamnotettix Zetterstedt, 1840		
<i>Thamnotettix confinis</i> (Zetterstedt, 1828)		
Carr, J.W. 1914	Birklands and Bilhaugh	Ref: 1
Typhlocyba Germar, 1833		
<i>Typhlocyba quercus</i> (Fabricius, 1777)		
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
Zygina Fieber, 1866		
<i>Zygina angusta</i> Lethierry, 1874		

Carr, J.W. 1915  
Musgrove, A. 2017

Birklands West and Ollerton Corner Ref: 10  
Birklands and Bilhaugh Ref: 142

*Zygina schneideri* (Günthart, 1974)

Godfrey, A. 2004

Birklands West / Sherwood Heath Ref: 105

Zyginidia Haupt, 1929

*Zyginidia scutellaris* (Herrich-Schäffer, 1838)

Godfrey, A. 2004

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands West / Sherwood Heath Ref: 105

Birklands and Bilhaugh / Budby SF Ref: 119

**Ulopidae**

Ulopa Fallén, 1814

*Ulopa reticulata* (Fabricius, 1794)

1912

1912

1914

1914

Godfrey, A. 2003

Godfrey, A. 2004

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2012

Pendleton, T.A. and Pendleton, D.T. 2015

Pendleton, T.A. and Pendleton, D.T. 2017

Musgrove, A. 2017

Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 1

Birklands West and Ollerton Corner Ref: 1

Birklands West and Ollerton Corner Ref: 1

Birklands and Bilhaugh Ref: 1

Birklands West / Sherwood Heath Ref: 104

Birklands West / Sherwood Heath Ref: 105

Birklands and Bilhaugh / Budby SF Ref: 119

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands West / Sherwood Heath Ref: 36

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands and Bilhaugh / Budby SF Ref: 142

Birklands and Bilhaugh / Budby SF Ref: 36

**Cixiidae**

Cixius Latreille, 1804

*Cixius nervosus* (Linnaeus, 1758)

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

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2012

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2016

Pendleton, T.A. and Pendleton, D.T. 2016

Pendleton, T.A. and Pendleton, D.T. 2017

Pendleton, T.A. and Pendleton, D.T. 2018

Pendleton, T.A. and Pendleton, D.T. 2019

Pendleton, T.A. 2020

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh / Budby SF Ref: 119

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands West / Clipstone Old Qtr Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands and Bilhaugh Ref: 36

Birklands West / Clipstone Old Qtr Ref: 36

Tachycixius W. Wagner, 1939

*Tachycixius pilosus* (Olivier, 1791)

1912

Birklands and Bilhaugh Ref: 1

**Delphacidae**

Conomelus Fieber, 1866

*Conomelus anceps* (Germar, 1821)

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2017

Pendleton, T.A. and Pendleton, D.T. 2017

Pendleton, T.A. 2020

Birklands and Bilhaugh / Budby SF Ref: 119

Birklands and Bilhaugh / Budby SF Ref: 119

Birklands and Bilhaugh / Budby SF Ref: 36

Birklands West / Clipstone Old Qtr Ref: 36

Birklands and Bilhaugh / Budby SF Ref: 36

Criomorphus Curtis, 1833

*Criomorphus albomarginatus* Curtis, 1833

Godfrey, A. 2006

Birklands West / Sherwood Heath Ref: 105

Dicranotropis Fieber, 1866

*Dicranotropis hamata* (Boheman, 1847)

1912

Birklands and Bilhaugh Ref: 1

1912	Birklands West and Ollerton Corner	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36

### Ditropis Kirschbaum, 1868

#### *Ditropis pteridis* (Spinola, 1839)

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36

### Javesella Fennah, 1963

#### *Javesella pellucida* (Fabricius, 1794)

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

### Megamelus Fieber, 1866

#### *Megamelus notula* (Germar, 1830)

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 105
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### Muellerianella Wagner, 1963

#### *Muellerianella fairmairei* (Perris, 1857)

1914	Birklands West and Ollerton Corner	Ref: 1
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 105

### Stenocranus Fieber, 1866

#### *Stenocranus minutus* (Fabricius, 1787)

1912	Birklands and Bilhaugh	Ref: 1
Godfrey, A. 2004	Birklands West / Sherwood Heath	Ref: 105
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36

### Struebingianella Wagner, 1963

#### *Struebingianella lugubrina* (Boheman, 1847)

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
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## Species List: Hymenoptera - Ants, Bees and Wasps

### SUBORDER APOCRITA

#### **Crabronidae Latreille, 1802**

*Argogorytes* Ashmead, 1899

*Argogorytes mystaceus* (Linnaeus, 1761)

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

*Cerceris* Latreille, 1802

*Cerceris rybyensis* (Linnaeus, 1771)

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

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Budby SF

Ref: 119

*Crabro* Fabricius, 1775

*Crabro cribrarius* (Linnaeus, 1758)

Birklands and Bilhaugh

Ref: 1

*Crabro peltarius* (Schreber, 1784)

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

Whiteley, D. 2001

Birklands and Bilhaugh / Buck Gates

Ref: 79

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

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Budby SF

Ref: 119

*Crossocerus* Lepeletier & Brullé, 1834

*Crossocerus annulipes* Lepeletier & Brullé, 1835

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

*Crossocerus cetratus* (Shuckard, 1837)

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

*Crossocerus dimidiatus* (Fabricius, 1781)

Birklands West and Ollerton Corner

Ref: 1

*Crossocerus megacephalus* (Rossi, 1790)

1899

Birklands and Bilhaugh

Ref: 1

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

*Crossocerus ovalis* Lepeletier & Brullé, 1835

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Budby SF

Ref: 119

*Crossocerus pusillus* (A.Morawitz, 1866)

Carr, L.A. 1914

Birklands and Bilhaugh

Ref: 1

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

*Crossocerus quadrimaculatus* (Fabricius, 1793)

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

*Crossocerus tarsatus* (Shuckard, 1837)

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

Whiteley, D. 1989

Birklands West / Sherwood Heath

Ref: 79

*Ectemnius* Dahlbom, 1845

*Ectemnius cavifrons* (Thomson, 1870)

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

*Ectemnius continuus* (Fabricius, 1804)

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

Birklands and Bilhaugh

Ref: 36

*Ectemnius ruficornis* (Zetterstedt, 1838)

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

*Gorytes* Latreille, 1804

*Gorytes quadrifasciatus* (Fabricius, 1804)

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

Lindenius Lepeletier & Brullé, 1834

*Lindenius albilabris* (Fabricius, 1793)

Archer, M. 1985

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 79

Mimesa Shuckard, 1837

*Mimesa equestris* (Fabricius, 1804)

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

*Mimesa lutaria* (Fabricius, 1787)

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

Mimumesa Malloch, 1933

*Mimumesa dahlbomi* (Wesmael, 1852)

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

Nysson Latreille, 1796

*Nysson spinosus* (Forster, 1771)

Carr, L.A. 1912

Birklands West and Ollerton Corner

Ref: 1

Oxybelus Latreille, 1796

*Oxybelus uniglumis* (Linnaeus, 1758)

Archer, M. 1985

Birklands and Bilhaugh

Ref: 1

Whiteley, D. 1990

Birklands and Bilhaugh

Ref: 79

Birklands West / Sherwood Heath

Ref: 79

Passaloecus Shuckard, 1837

*Passaloecus corniger* Shuckard, 1837

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

Pemphredon Latreille, 1976

*Pemphredon lugubris* (Fabricius, 1793)

Carr, L.A. 1914

Birklands West and Ollerton Corner

Ref: 1

*Pemphredon lethifera* (Shuckard, 1837)

Carr, L.A. 1912

Birklands and Bilhaugh

Ref: 1

Carr, L.A. 1913

Birklands and Bilhaugh

Ref: 1

Carr, L.A. 1914

Birklands and Bilhaugh

Ref: 1

Psenulus Kohl, 1896

*Psenulus pallipes* (Panzer, 1798)

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

Trypoxylon Latreille, 1796

*Trypoxylon clavicerum* Lepeletier & Serville, 1828

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Budby SF

Ref: 119

*Trypoxylon figulus* (Linnaeus, 1758)

Archer, M. 1985

Birklands and Bilhaugh / Budby SF

Ref: 1

Birklands and Bilhaugh

Ref: 79

subfamily Mellininae

Mellinus Fabricius, 1790

*Mellinus arvensis*

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

Brackenbury, A. 1989

Birklands West / Sherwood Heath

Ref: 79

**Sphecidae Latreille, 1802**

Ammophila Kirby, 1798

*Ammophila sabulosa* (Linnaeus, 1758)

1984

Birklands and Bilhaugh

Ref: 80

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

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

Birklands and Bilhaugh

Ref: 36



**Andrenidae Latreille, 1802***Andrena* Fabricius, 1775*Andrena barbilabris* (Kirby, 1802)

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

*Andrena bicolor* Fabricius, 1775

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2018

Pendleton, T.A. and Pendleton, D.T. 2019

Pendleton, T.A. 2020

Birklands and Bilhaugh / Budby SF

Ref: 119

Birklands West / Clipstone Old Qtr

Ref: 36

Birklands West / Clipstone Old Qtr

Ref: 36

Birklands West / Clipstone Old Qtr

Ref: 36

*Andrena cineraria* (Linnaeus, 1758)

1904

Archer, M. 1985

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. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2012

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2014

McGeever, D. and McGeever, V. 2014

Pendleton, T.A. and Pendleton, D.T. 2015

Pendleton, T.A. and Pendleton, D.T. 2015

Pendleton, T.A. and Pendleton, D.T. 2017

Pendleton, T.A. and Pendleton, D.T. 2017

Pendleton, T.A. and Pendleton, D.T. 2018

Pendleton, T.A. and Pendleton, D.T. 2019

Pendleton, T.A. 2020

Kiemel Greene, I. 2020

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 79

Birklands and Bilhaugh / Budby SF

Ref: 36

Birklands West / Clipstone Old Qtr

Ref: 36

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 36

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 119

Birklands and Bilhaugh / Budby SF

Ref: 36

Birklands West / Sherwood Heath

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 36

Birklands and Bilhaugh

Ref: 36

Birklands West / Clipstone Old Qtr

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 160

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 36

Birklands and Bilhaugh

Ref: 36

Birklands West / Clipstone Old Qtr

Ref: 36

Birklands West and Ollerton Corner

Ref: 36

Birklands West / Sherwood Heath

Ref: 36

Birklands West / Clipstone Old Qtr

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 166

*Andrena clarkella* (Kirby, 1802)

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2019

Birklands and Bilhaugh / Budby SF

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 119

Birklands West / Sherwood Heath

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 36

Birklands West / Sherwood Heath

Ref: 36

*Andrena denticulata* (Kirby, 1802)

Archer, M. 1985

Birklands and Bilhaugh

Ref: 1

Birklands and Bilhaugh

Ref: 79

*Andrena falsifica* Perkins, R.C.L., 1915

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

*Andrena fucata* Smith, F., 1847

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

*Andrena fulva* (Müller in Allioni, 1766)

Archer, M. 1985

Pendleton, T.A. and Pendleton, D.T. 2010

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2011

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2013

Pendleton, T.A. and Pendleton, D.T. 2014

Birklands and Bilhaugh

Ref: 79

Birklands and Bilhaugh / Budby SF

Ref: 36

Birklands and Bilhaugh

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 119

Birklands West / Sherwood Heath

Ref: 36

Birklands and Bilhaugh / Budby SF

Ref: 36

Birklands and Bilhaugh

Ref: 36

Birklands West / Clipstone Old Qtr

Ref: 36

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Kiemel Greene, I. 2020	Birklands and Bilhaugh / Budby SF	Ref: 166
<b><i>Andrena fuscipes</i> (Kirby, 1802)</b>		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
<b><i>Andrena haemorrhoa</i> (Fabricius, 1781)</b>		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	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	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b><i>Andrena lapponica</i> Zetterstedt, 1838</b>		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<b><i>Andrena nana</i> (Kirby, 1802)</b>		
	Birklands West and Ollerton Corner	Ref: 1
<b><i>Andrena minutula</i> (Kirby, 1802)</b>		
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
<b><i>Andrena nigroaenea</i> (Kirby, 1802)</b>		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
<b><i>Andrena scotica</i> Perkins, R.C.L., 1915</b>		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<b><i>Andrena wilkella</i> (Kirby, 1802)</b>		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<b>Apidae Latreille, 1802</b>		
<b>Anthophora Latreille, 1803</b>		
<b><i>Anthophora furcata</i> (Panzer, 1798)</b>		
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<b><i>Anthophora plumipes</i> (Pallas, 1772)</b>		
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119

## Apis Linnaeus, 1758

### *Apis mellifera* Linnaeus, 1758

Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Whiteley, D. 2003	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2003	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2005	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2005	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2005	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 36
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	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
Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Sherwood Heath	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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Sherwood Heath	Ref: 36

## Bombus Latreille, 1802

### *Bombus barbutellus* (Kirby, 1802)

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36

### *Bombus bohemicus* (Seidl, 1837)

Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36

### *Bombus hortorum* (Linnaeus, 1761)

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36

### *Bombus hypnorum* (Linnaeus, 1758)

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149

*Bombus jonellus* (Kirby, 1802)

Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36

*Bombus lapidarius* (Linnaeus, 1758)

Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2005	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2005	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2005	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 36
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	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
Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Sherwood Heath	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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Bombus lucorum* (Linnaeus, 1761)

Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
Binding, A. 2009	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36

*Bombus pascuorum* (Scopoli, 1763)

Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2005	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2005	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2005	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 36
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
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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
Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Sherwood Heath	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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Heeney, W. 2017	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Bombus pratorum* (Linnaeus, 1761)

Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Heeney, W. 2017	Birklands and Bilhaugh	Ref: 144

*Bombus rupestris* (Fabricius, 1793)

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36

*Bombus sylvestris* (Lepeletier, 1832)

Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2005	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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36

*Bombus terrestris* (Linnaeus, 1758)

Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2003	Birklands West / Clipstone Old Qtr	Ref: 36
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2005	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2005	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 36
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	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
Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Sherwood Heath	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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Bombus vestalis* (Geoffroy, 1785)

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36

*Epeolus Latreille, 1802*

*Epeolus cruciger* (Panzer, 1799)

Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36

*Epeolus variegatus* (Linnaeus, 1758)

Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
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*Nomada Scopoli, 1763*

*Nomada flava* (Panzer, 1798)

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36

*Nomada flavoguttata* (Kirby, 1802)

Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
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*Nomada goodeniana* (Kirby, 1802)

Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

*Nomada lathburiana* (Kirby, 1802)

Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
McGeever, D. and McGeever, V. 2014	Birklands and Bilhaugh / Budby SF	Ref: 160
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36

*Nomada leucophthalma* (Kirby, 1802)

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
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Kiemel Greene, I.	Birklands and Bilhaugh / Budby SF	Ref: 166
<i>Nomada marshamella</i> (Kirby, 1802)		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<i>Nomada panzeri</i> Lepeletier, 1841 sensu stricto (post 2018 glabella split)		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<i>Nomada rufipes</i> Fabricius, 1793		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>Colletidae Lepeletier, 1841</b>		
<i>Hylaeus</i> Fabricius, 1793		
<i>Hylaeus brevicornis</i> Nylander, 1852		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<i>Hylaeus communis</i> Nylander, 1852		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<i>Hylaeus signatus</i> (Panzer, 1798)		
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
subfamily Colletinae		
<i>Colletes</i> Latreille, 1802		
<i>Colletes daviesanus</i> Smith, F., 1846		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<i>Colletes succinctus</i> (Linnaeus, 1758)		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Shaw, D. 2020	Birklands and Bilhaugh	Ref: 163
<b>Halictidae Thomson, 1869</b>		
subfamily Halictinae		
<i>Halictus</i> Latreille, 1804		
<i>Halictus rubicundus</i> (Christ, 1791)		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<i>Halictus tumulorum</i> (Linnaeus 1758)		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Whiteley, D. 1990	Birklands West / Sherwood Heath	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<i>Lasioglossum</i> Curtis, 1833		
<i>Lasioglossum albipes</i> (Fabricius, 1781)		
Shaw, D. 2020	Birklands and Bilhaugh	Ref: 163
<i>Lasioglossum calceatum</i> (Scopoli, 1763)		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79

<i>Lasioglossum fratellum</i> (Pérez, 1903) Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<i>Lasioglossum leucopus</i> (Kirby, 1802) Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<i>Lasioglossum leucozonium</i> (Schrank, 1781) 1913 Archer, M. 1985 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 119 Ref: 79 Ref: 119
<i>Lasioglossum punctatissimum</i> (Schenck, 1853) Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<i>Lasioglossum rufitarse</i> (Zetterstedt, 1838) Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<i>Lasioglossum villosulum</i> (Kirby, 1802) Archer, M. 1985 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 79 Ref: 119
<b>Sphecodes Latreille, 1804</b>		
<i>Sphecodes ephippius</i> (Linnaeus, 1767) Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
<i>Sphecodes geoffrellus</i> (Kirby, 1802) Archer, M. 1985 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 79 Ref: 119
<i>Sphecodes gibbus</i> (Linnaeus, 1758) Thornley and Carr, L.A.  Archer, M. 1985	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 1 Ref: 1 Ref: 79
<i>Sphecodes monilicornis</i> (Kirby, 1802)  Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 119 Ref: 36
<i>Sphecodes pellucidus</i> Smith, F., 1845 Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<i>Sphecodes puncticeps</i> Thomson, 1870 Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<b>Megachilidae Latreille, 1802</b>		
<i>Chelostoma</i> Latreille, 1809		
<i>Chelostoma florisomme</i> (Linnaeus, 1758) 1912	Birklands and Bilhaugh	Ref: 1
<b>Megachile Latreille, 1802</b>		
<i>Megachile versicolor</i> Smith, F., 1844 Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<i>Megachile willoughbiella</i> (Kirby, 1802) Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr	Ref: 36 Ref: 36
<b>Osmia Panzer, 1806</b>		
<i>Osmia bicornis</i> (Linnaeus, 178) Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 119 Ref: 36



## Chrysididae Latreille, 1802

Chrysis Linnaeus, 1761

*Chrysis angustula* Schenck, 1856

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

*Chrysis ignita* (Linnaeus, 1761)

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

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

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Budby SF

Ref: 119

Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018

Birklands and Bilhaugh

Ref: 149

Pendleton, T.A. 2020

Birklands and Bilhaugh

Ref: 36

*Chrysis impressa* Schenck, 1856

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

*Chrysis ruddi* Schuckard 1836

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Budby SF

Ref: 119

*Chrysis vanlithi* Linsenmaier, 1959

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

Elampus Spinola, 1806

*Elampus panzeri* (Fabricius, 1804)

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

Whiteley, D. 1990

Birklands West / Sherwood Heath

Ref: 79

Hedychrum Latreille, 1802

*Hedychrum nobile* (Scopoli, 1763)

Shaw, D. 2020

Birklands West / Sherwood Heath

Ref: 163

Trichrysis Lichtenstein, 1876

*Trichrysis cyanea* (Linnaeus, 1758)

Donisthorpe

Birklands and Bilhaugh

Ref: 1

Archer, M. 1985

Birklands and Bilhaugh

Ref: 79

Whiteley, D. 1989

Birklands West / Sherwood Heath

Ref: 79

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands West / Sherwood Heath

Ref: 36

## Formicidae Latreille, 1809

Formica Linnaeus, 1758

*Formica fusca* Linnaeus, 1758

Donisthorpe

Birklands and Bilhaugh

Ref: 1

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

Birklands and Bilhaugh

Ref: 36

Godfrey, A. 2006

Birklands West / Sherwood Heath

Ref: 108

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

Birklands and Bilhaugh

Ref: 36

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

Birklands and Bilhaugh / Budby SF

Ref: 36

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

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011

Birklands and Bilhaugh / Budby SF

Ref: 119

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands West / Sherwood Heath

Ref: 128

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2012

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands West / Sherwood Heath

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2014

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2015

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2015

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2016

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2017

Birklands and Bilhaugh / Budby SF

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018

Birklands West / Clipstone Old Qtr

Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

#### *Formica lemani* Bondroit, 1917

Whiteley, D. 1989	Birklands West / Sherwood Heath	Ref: 79
Whiteley, D. 1990	Birklands West / Sherwood Heath	Ref: 79
Denton, M.L. 2007	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36

#### *Lasius Fabricius, 1804*

##### *Lasius alienus* (Foerster, 1850)

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

##### *Lasius flavus* (Fabricius, 1782)

Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2008	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. 2010	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36

##### *Lasius fuliginosus* (Latreille, 1798)

Donisthorpe. 1907	Birklands and Bilhaugh	Ref: 1
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##### *Lasius niger* (Linnaeus, 1758)

Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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: 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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Leptothorax Mayr, 1855

### *Leptothorax acervorum* (Fabricius, 1793)

Bedwell, E.C.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2005	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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36

## Myrmica Latreille, 1804

### *Myrmica lobicornis* (Nylander, 1846)

Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
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## *Myrmica rubra* (Linnaeus, 1758)

Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	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	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	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 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. 2010	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

## *Myrmica ruginodis* Nylander, 1846

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Denton, M.L. 2007	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2008	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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b><i>Myrmica sabuleti</i> Meinert, 1861</b>		
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
<b><i>Myrmica scabrinodis</i> Nylander, 1846</b>		
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
<b>Stenamma Westwood, 1840</b>		
<b><i>Stenamma debile</i> (Förster, 1850)</b>		
Pendleton, T.A. 2020	Birklands West / Sherwood Heath	Ref: 36
<b>Mutillidae Latreille, 1802</b>		
<b>Mrymosinae Panzer, 1801</b>		
<b><i>Myrmosa atra</i> Panzer, 1801</b>		
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
<b>Pompilidae Latreille, 1805</b>		
<b>Arachnospila Kincaid, 1900</b>		
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>Arachnospila Kincaid, 1900</b>		
<b><i>Arachnospila anceps</i> (Wesmael, 1851)</b>		
Archer, M. 1985	Birklands West / Sherwood Heath	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 119
	Birklands and Bilhaugh	Ref: 36
<b><i>Arachnospila spissa</i> (Schjødte, 1837)</b>		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
<b>Dipogon Fox, 1897</b>		
<b><i>Dipogon subintermedius</i> (Magretti, 1886)</b>		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
2010	Birklands and Bilhaugh	Ref: 167
<b><i>Dipogon variegatus</i> (Linnaeus, 1758)</b>		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<b>Evagetes Lepeletier, 1845</b>		
<b><i>Evagetes crassicornis</i> (Shuckard, 1835)</b>		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79

Whiteley, D. 1989	Birklands West / Sherwood Heath	Ref: 79
<b>Prionemis Schiødte, 1837</b>		
<i>Prionemis fennica</i> Haupt, 1927		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<i>Prionemis parvula</i> Dahlbom, 1845		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Whiteley, D. 1989	Birklands West / Sherwood Heath	Ref: 79
<i>Prionemis schiødtei</i> Haupt, 1927		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Whiteley, D. 2001	Birklands West / Sherwood Heath	Ref: 79
<i>Prionemis susterai</i> Haupt, 1927		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
<b>Vespidae Laicharting, 1781</b>		
<b>Ancistrocerus Wesmael, 1836</b>		
<i>Ancistrocerus trifasciatus</i> (Müller, 1776)		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
<b>Dolichovespula Rohwer, 1916</b>		
<i>Dolichovespula media</i> (Retzius, 1783)		
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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
<i>Dolichovespula saxonica</i> (Retzius, 1783)		
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
<i>Dolichovespula sylvestris</i> (Scopoli, 1763)		
Archer, M. 1985	Birklands and Bilhaugh	Ref: 1
	Birklands and Bilhaugh	Ref: 79
<b>Vespa Linnaeus, 1758</b>		
<i>Vespa crabro</i> Linnaeus, 1758		
Archer, M. 1986	Birklands and Bilhaugh	Ref: 79
Archer, M. 1986	Birklands and Bilhaugh / Budby SF	Ref: 79
Whiteley, D. 1998	Birklands and Bilhaugh / Buck Gates	Ref: 79
Wright, S. 1999	Birklands and Bilhaugh / Budby SF	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 36
Whiteley, D. 2001	Birklands and Bilhaugh / Budby SF	Ref: 79
Whiteley, D. 2003	Birklands and Bilhaugh	Ref: 79
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 36
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	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: 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. 2009	Birklands and Bilhaugh / Budby SF	Ref: 79
Budworth, D. et al	Birklands and Bilhaugh	Ref: 120
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh / Budby SF	Ref: 149
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

## Vespula Thompson, 1869

### *Vespula germanica* (Fabricius, 1793)

Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Godfrey, A. 2003	Birklands West / Sherwood Heath	Ref: 104
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	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
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36

### *Vespula rufa* (Linnaeus, 1758)

Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2005	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36

### *Vespula vulgaris* (Linnaeus, 1758)

Archer, M. 1985	Birklands and Bilhaugh	Ref: 79
Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 36
Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh	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: 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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Brock, P. Brock, H. Bingham, J. and Bingham, D. 2018	Birklands and Bilhaugh	Ref: 149

## Species List: Lepidoptera - Butterflies and Moths

### ORDER LEPIDOPTERA

#### Micropterigidae

1.004	<i>Micropterix aruncella</i> (Scopoli, 1763)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
1.005	<i>Micropterix calthella</i> (Linnaeus, 1761)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36

#### Eriocraniidae

2.001	<i>Dyseriocrania subpurpurella</i> (Haworth, 1828)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
	Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131
2.003	<i>Eriocrania unimaculella</i> (Zetterstedt, 1839)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36



	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
2.004	<i>Eriocrania sparrmannella</i> (Bosc, 1791)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
2.005	<i>Eriocrania salopiella</i> (Stainton, 1854)		
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
2.006	<i>Eriocrania cicatricella</i> (Zetterstedt, 1839)		
	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. 2013	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
2.007	<i>Eriocrania semipurpurella</i> (Stephens, 1835)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
2.008	<i>Eriocrania sangii</i> (Wood, 1891)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

## Hepialidae

3.001	<i>Triodia sylvina</i> <b>Orange Swift</b> (Linnaeus, 1761)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harman, T.W. 1975	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
	1987	Birklands and Bilhaugh	Ref: 68
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. 1996	Birklands and Bilhaugh / Budby SF	Ref: 96
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
3.002	<i>Korscheltellus lupulina</i> <b>Common Swift</b> (Linnaeus, 1758)		
	Sterland, Brameld, R.E. Tryer, R. Tryer, W. and Porritt, G.T.	Birklands and Bilhaugh	Ref: 1
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63

	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
3.003	<i>Korscheltellus fusconebulosa</i> <b>Map-winged Swift</b> (De Geer, 1778)		
	Between 1961 and 1969	Birklands and Bilhaugh	Ref: 19
	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
	Young, D.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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	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
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>et al</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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Wright, S. and Osborne, J.E. 2014	Birklands West / Clipstone Old Qtr	Ref: 137
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
3.004	<i>Phymatopus hecta</i> <b>Gold Swift</b> (Linnaeus, 1758)		
	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 81
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
3.005	<i>Hepialus humuli</i> <b>Ghost Moth</b> (Linnaeus, 1758)		
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Nepticulidae</b>			
<b>Nepticulinae</b>			
4.001	<i>Enteucha acetosae</i> (Stainton, 1854)		
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
4.002	<i>Stigmella lapponica</i> (Wocke, 1862)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
4.005	<i>Stigmella betulicola</i> (Stainton, 1856)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36

4.007	<i>Stigmella luteella</i> (Stainton, 1857)		
	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. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
4.010	<i>Stigmella microtheriella</i> (Stainton, 1854)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
4.015	<i>Stigmella anomalella</i> (Goeze, 1783)		
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh / Budby SF	Ref: 36
4.023	<i>Stigmella crataegella</i> (Klimesch, 1936)		
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
4.024	<i>Stigmella magdaleneae</i> (Klimesch, 1936)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
4.025	<i>Stigmella nylandriella</i> (Tengström, 1848)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
	Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
4.030	<i>Stigmella hybnerella</i> (Hübner, 1796)		
	Pendleton, T.A. and Pendleton, D.T. 2006	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. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
4.032	<i>Stigmella flosactella</i> (Haworth, 1828)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
4.034	<i>Stigmella tityrella</i> (Stainton, 1854)		
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
4.035	<i>Stigmella salicis</i> (Stainton, 1854)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
4.041	<i>Stigmella sorbi</i> (Stainton, 1861)		
	Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
4.045	<i>Stigmella aurella</i> (Fabricius, 1775)		
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
	Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36

	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
4.047	<i>Stigmella splendidissima</i> (Herrich-Schäffer, 1855)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
4.053	<i>Stigmella incognitella</i> (Herrich-Schäffer, 1855)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
4.054	<i>Stigmella perpygmaeella</i> (Doubleday, 1859)		
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
4.056	<i>Stigmella speciosa</i> (Frey, 1858)		
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
4.058	<i>Stigmella basiguttella</i> (Heinemann, 1862)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
4.059	<i>Stigmella svenssoni</i> (Johansson, 1971)		
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
4.060	<i>Stigmella ruficapitella</i> (Haworth, 1828)		
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
4.062	<i>Stigmella samiatella</i> (Zeller, 1839)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
4.063	<i>Stigmella roborella</i> (Johansson, 1971)		
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 56
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
4.071	<i>Bohemannia pulverosella</i> (Stainton, 1849)		
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
4.089	<i>Ectoedemia albifasciella</i> (Heinemann, 1871)		
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36

4.090	<i>Ectoedemia subbimaculella</i> (Haworth, 1828)		
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
4.091	<i>Ectoedemia heringi</i> (Toll, 1934)		
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
4.099	<i>Ectoedemia occultella</i> (Linnaeus, 1767)		
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36

## Opostegidae

### Oposteginae

5.001	<i>Opostega salaciella</i> (Treitschke, 1833)		
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36

## Heliozelidae

6.003	<i>Heliozela sericiella</i> (Haworth, 1828)		
	BPGS 2002	Birklands and Bilhaugh	
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
6.005	<i>Heliozela hamoniella</i> (Sorhagen, 1885)		
	Elliott, B. 1995	Birklands and Bilhaugh / Budby SF	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36

## Adelidae

### Adelinae

7.001	<i>Nemophora degeerella</i> (Linnaeus, 1758)		
	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
	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. 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 West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. 2009	Birklands and Bilhaugh	Ref: 98
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Joynt, G. 2011	Birklands and Bilhaugh	Ref: 73
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollereton Corner	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Beeley, G. 2014	Birklands and Bilhaugh	Ref: 140
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36

7.006 *Adela reaumurella* (Linnaeus, 1758)

Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
Elliott, B. and Hepworth, A. 1961	Birklands and Bilhaugh	Ref: 96
Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
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. 2008	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	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
Skinner, M. 2017	Birklands and Bilhaugh	Ref: 141
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Whiteley, D. 2018	Birklands and Bilhaugh / Budby SF	Ref: 143
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36

7.010 *Cauchas rufimitrella* (Scopoli, 1763)

Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36

Nematopogoninae

7.012 *Nematopogon schwarziellus* (Zeller, 1839)

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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36

7.014 *Nematopogon metaxella* (Hübner, [1813])

Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36

7.015	<i>Nematopogon swammerdamella</i> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	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. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Incurvariidae

### Incurvariinae

8.001	<i>Incurvaria pectinea</i> (Haworth, 1828)		
	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
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. 2020	Birklands West / Clipstone Old Qtr	Ref: 36
8.002	<i>Incurvaria masculella</i> ([Denis & Schiffermüller], 1775)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
8.003	<i>Incurvaria oehlmanniella</i> (Hübner, 1796)		
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
8.004	<i>Incurvaria praelatella</i> ([Denis & Schiffermüller], 1775)		
	Elliott, B. and Culpin, J. 1971	Edwinstowe	Ref: 96
8.005	<i>Phylloporia bistrigella</i> (Haworth, 1828)		
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36

## Prodoxidae

### Lamproniinae

9.003	<i>Lampronia corticella</i> <b>Raspberry Moth</b> (Linnaeus, 1758)		
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36

## Tischeriidae

10.001	<i>Tischeria ekebladella</i> (Bjerkander, 1795)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
10.003	<i>Coptotriche marginea</i> (Haworth, 1828)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36

## Psychidae

### Naryciinae

11.001	<i>Diplodoma laichartingella</i> (Goeze, 1783)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36



11.002	<i>Narycia duplicella</i> (Goeze, 1783)		
	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. 2007	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. 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
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh / Budby SF	Ref: 36

11.004	<i>Dahlia inconspicua</i> Lesser Lichen Case-bearer (Stainton, 1849)		
	Elliott, B. 1997	Birklands and Bilhaugh / Budby SF	Ref: 96
	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. 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. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 56
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36

### Taleporiinae

11.006	<i>Taleporia tubulosa</i> (Retzius, 1783)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36

### Psychinae

11.009	<i>Luffia ferchaultella</i> (Stephens, 1850)		
	Boroff, A. Joynt, G. Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 70
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh / Budby SF	Ref: 36
11.012	<i>Psyche casta</i> (Pallas, 1767)		
	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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36

## Tineidae

### Scardiinae

12.010	<i>Morphaga choragella</i> ([Denis & Schiffermüller], 1775)		
	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
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36

### Nemapogoninae

12.011	<i>Triaxomera fulvimitrella</i> (Hübner, 1796)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
12.012	<i>Triaxomera parasitella</i> (Hübner, 1796)		
	Heeney, W. 2014	Birklands and Bilhaugh	Ref: 144
12.015	<i>Nemapogon granella</i> <b>Corn Moth</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
12.016	<i>Nemapogon cloacella</i> <b>Cork Moth</b> (Haworth, 1828)		
	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



## Bucculatricidae

14.001	<i>Bucculatrix cristatella</i> (Zeller, 1839) Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
14.009	<i>Bucculatrix thoracella</i> (Thunberg, 1794) Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
14.010	<i>Bucculatrix ulmella</i> (Zeller, 1848) Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2016 Pendleton, T.A. and Pendleton, D.T. 2017 Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
14.012	<i>Bucculatrix bechsteinella</i> (Bechstein & Scharfenberg, 1805) Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 36 Ref: 36
14.013	<i>Bucculatrix demaryella</i> (Duponchel, 1840) Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36

## Gracillariidae

### Gracillariinae

15.003	<i>Caloptilia populetorum</i> (Zeller, 1839) Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 36 Ref: 36 Ref: 36
15.004	<i>Caloptilia elongella</i> (Linnaeus, 1761) Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 36
15.005	<i>Caloptilia betulicola</i> (Hering, 1928) 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
15.006	<i>Caloptilia rufipennella</i> (Hübner, 1796) Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF	Ref: 61 Ref: 62 Ref: 36 Ref: 36
15.008	<i>Caloptilia alchimiella</i> (Scopoli, 1763) 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. 2010 Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011	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 West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 62 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 115 Ref: 36 Ref: 36

	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
15.009	<i>Caloptilia robustella</i> (Jäckh, 1972)		
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
15.010	<i>Caloptilia stigmatella</i> (Fabricius, 1781)		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
15.014	<i>Gracilaria syringella</i> (Fabricius, 1794)		
	Brameld, R.E.		
15.015	<i>Aspilapteryx tringipennella</i> (Zeller, 1839)		
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
15.016	<i>Euspilapteryx auroguttella</i> (Stephens, 1835)		
	Elliott, B. 1995	Birklands and Bilhaugh / Budby SF	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
15.017	<i>Calybites phasianipennella</i> (Hübner, [1813])		
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
15.019	<i>Acrocercops brongniardella</i> (Fabricius, 1798)		
	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. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
15.022	<i>Callisto denticulella</i> (Thunberg, 1794)		
	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
15.025	<i>Parornix betulae</i> (Stainton, 1854)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
15.028	<i>Parornix anglicella</i> (Stainton, 1850)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
15.029	<i>Parornix devoniella</i> (Stainton, 1850) Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 36
15.033	<i>Parornix torquillella</i> (Zeller, 1850) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
<b>Lithocolletinae</b>			
15.034	<i>Phyllonorycter harrisella</i> (Linnaeus, 1761) 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 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2014 Pendleton, T.A. and Pendleton, D.T. 2014 Musgrove, A. 2017 Pendleton, T.A. and Pendleton, D.T. 2017	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 Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 119 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 142 Ref: 36
15.035	<i>Phyllonorycter roboris</i> (Zeller, 1839) Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 58 Ref: 36
15.036	<i>Phyllonorycter heegeriella</i> (Zeller, 1846) Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2014 Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 36 Ref: 36 Ref: 36 Ref: 36
15.039	<i>Phyllonorycter quercifoliella</i> (Zeller, 1839) 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 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. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2014 Pendleton, T.A. and Pendleton, D.T. 2014 Pendleton, T.A. and Pendleton, D.T. 2016 Musgrove, A. 2017 Pendleton, T.A. and Pendleton, D.T. 2017 Pendleton, T.A. 2020	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands West / Sherwood Heath 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 West / Sherwood Heath Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Clipstone Old Qtr 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: 61 Ref: 36 Ref: 142 Ref: 36 Ref: 36

15.040	<i>Phyllonorycter messaniella</i> (Zeller, 1846) Brameld, R.E. Elliott, B. Budworth, D. and Travers-Ayre, I. 1995 Pendleton, T.A. and Pendleton, D.T. 2006 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. 2011 Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 96 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
15.042	<i>Phyllonorycter muelleriella</i> (Zeller, 1839) Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
15.043	<i>Phyllonorycter oxyacanthae</i> (Frey, 1856) 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 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
15.044	<i>Phyllonorycter sorbi</i> (Frey, 1855) Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2014 Pendleton, T.A. and Pendleton, D.T. 2016 Pendleton, T.A. 2020	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands West / Sherwood Heath Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr	Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
15.046	<i>Phyllonorycter blancardella</i> (Fabricius, 1781) Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 36 Ref: 36 Ref: 36
15.049	<i>Phyllonorycter spinicolella</i> (Zeller, 1846) Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
15.052	<i>Phyllonorycter corylifoliella</i> (Hübner, 1796) 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 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
15.053	<i>Phyllonorycter leucographella</i> <b>Firethorn Leaf Miner</b> (Zeller, 1850) Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 36 Ref: 36
15.056	<i>Phyllonorycter salicicolella</i> (Sircom, 1848) 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. 2013 Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
15.063	<i>Phyllonorycter maestingella</i> (Müller, 1764) Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 36 Ref: 36 Ref: 36 Ref: 36

	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
15.064	<i>Phyllonorycter coryli</i> <b>Nut Leaf Blister Moth</b> (Nicelli, 1851)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
15.073	<i>Phyllonorycter lautella</i> (Zeller, 1846)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
15.075	<i>Phyllonorycter ulmifoliella</i> (Hübner, [1817])		
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
15.081	<i>Phyllonorycter nicellii</i> (Stainton, 1851)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
15.083	<i>Phyllonorycter trifasciella</i> (Haworth, 1828)		
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
15.086	<i>Phyllonorycter geniculella</i> (Ragonot, 1874)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
15.089	<i>Cameraria ohridella</i> <b>Horse Chestnut Leaf Miner</b> (Deschka & Dimi?, 1986)		
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner	Ref: 36

## Yponomeutidae

### Yponomeutinae

16.001	<i>Yponomeuta evonymella</i> <b>Bird Cherry Ermine</b> (Linnaeus, 1758)		
	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	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
16.002	<i>Yponomeuta padella</i> <b>Orchard Ermine</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
16.004	<i>Yponomeuta cagnagella</i> <b>Spindle Ermine</b> (Hübner, [1813])		
	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. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
16.007	<i>Yponomeuta plumbella</i> ([Denis & Schiffermüller], 1775) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
16.014	<i>Pseudoswammerdamia combinella</i> (Hübner, 1786) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
16.015	<i>Swammerdamia caesiella</i> (Hübner, 1796) Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2014 Pendleton, T.A. and Pendleton, D.T. 2015 Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 156
16.017	<i>Swammerdamia pyrella</i> (Villers, 1789) Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 55
16.019	<i>Paraswammerdamia albicapitella</i> (Scharfenberg, 1805) Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 36 Ref: 36
16.020	<i>Paraswammerdamia nebulella</i> (Goeze, 1783) Elliott, B. Budworth, D. and Travers-Ayre, I. Elliott, B. 1995 Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 96 Ref: 96 Ref: 156
16.021	<i>Cedestis gysselella</i> (Zeller, 1839) Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 58 Ref: 36
16.022	<i>Cedestis subfasciella</i> (Stephens, 1834) Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2014 Baker, P. Harte, K. and Leach, L. 2015 Baker, P. Harte, K. and Leach, L. 2016	Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 156 Ref: 156
16.023	<i>Ocnerostoma piniariella</i> (Zeller, 1847) Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
16.024	<i>Ocnerostoma friesei</i> (Svensson, 1966) Elliott, B. 1997 Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 96 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36

## Ypsolophidae

### Ypsolophinae

17.003	<i>Ypsolopha dentella</i> <b>Honeysuckle Moth</b> (Fabricius, 1775) Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 55 Ref: 36
17.005	<i>Ypsolopha scabrella</i> (Linnaeus, 1761) 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. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
17.006	<i>Ypsolopha horridella</i> (Treitschke, 1835) Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
17.008	<i>Ypsolopha alpella</i> ([Denis & Schiffermüller], 1775) Elliott, B. 1996 Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 96 Ref: 36
17.009	<i>Ypsolopha sylvella</i> (Linnaeus, 1767) Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 36 Ref: 36
17.010	<i>Ypsolopha parenthesesella</i> (Linnaeus, 1761) 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 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>et al</i> 2009 Hursthouse, D. <i>et al</i> 2009 Budworth, D. <i>et al</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2013	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 West / Clipstone Old Qtr 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 and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 57 Ref: 61 Ref: 55 Ref: 36 Ref: 109 Ref: 109 Ref: 120 Ref: 36 Ref: 36 Ref: 36 Ref: 109 Ref: 36 Ref: 36 Ref: 36 Ref: 119 Ref: 36 Ref: 36 Ref: 36
17.011	<i>Ypsolopha ustella</i> (Clerck, 1759) 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 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2014 Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
17.012	<i>Ypsolopha sequella</i> (Clerck, 1759) Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 36 Ref: 36 Ref: 109
17.013	<i>Ypsolopha vittella</i> (Linnaeus, 1758) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
<b>Ochsenheimeriinae</b>			
17.016	<i>Ochsenheimeria vacculella</i> (Fischer von Röslerstamm, 1842) Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36

## Plutellidae

18.001	<i>Plutella xylostella</i> <b>Diamond-back Moth</b> (Linnaeus, 1758)		
	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 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
	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: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36

## Glyphipterigidae

19.001	<i>Orthotelia sparganella</i> (Thunberg, 1788)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36

## Glyphipteriginae

19.003	<i>Glyphipterix fuscoviridella</i> (Haworth, 1828)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
19.007	<i>Glyphipterix simplicella</i> <b>Cock's-foot Moth</b> (Stephens, 1834)		
	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 / 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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Beeley, G. 2014	Birklands and Bilhaugh	Ref: 140
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36

## Argyresthiidae

20.011	<i>Argyresthia brockeella</i> (Hübner, [1813])		
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
20.012	<i>Argyresthia goedartella</i> (Linnaeus, 1758)		
	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. 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	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
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 98
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Beeley, G. 2014	Birklands and Bilhaugh	Ref: 140
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
20.014	<i>Argyresthia sorbiella</i> (Treitschke, 1833) Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
20.015	<i>Argyresthia curvella</i> (Linnaeus, 1761) Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 36
20.016	<i>Argyresthia retinella</i> (Zeller, 1839) Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 36 Ref: 36
20.019	<i>Argyresthia conjugella</i> (Zeller, 1839) 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. 2016 Musgrove, A. 2017	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Sherwood Heath Birklands and Bilhaugh	Ref: 58 Ref: 61 Ref: 36 Ref: 36 Ref: 142
20.020	<i>Argyresthia semifusca</i> (Haworth, 1828) Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 57 Ref: 62 Ref: 36
20.021	<i>Argyresthia pruniella</i> <b>Cherry Fruit Moth</b> (Clerck, 1759) Bee, L. and Parrack, J.D. 1988 Elliott, B. 1997	Birklands and Bilhaugh Birklands West & Ollerton Corner	Ref: 62 Ref: 96
20.022	<i>Argyresthia bonnetella</i> (Linnaeus, 1758) Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 61 Ref: 62 Ref: 36
20.023	<i>Argyresthia albistria</i> (Haworth, 1828) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

## Lyonetiidae

### Lyonetiinae

21.001	<i>Lyonetia clerkella</i> <b>Apple Leaf Miner</b> (Linnaeus, 1758) 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	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Sherwood Heath Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 1 Ref: 61 Ref: 36 Ref: 108 Ref: 36 Ref: 55
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28.015	<i>Batia lunaris</i> (Haworth, 1828)		
	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. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
28.017	<i>Batia lambdella</i> (Donovan, 1793)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
28.019	<i>Esperia sulphurella</i> (Fabricius, 1775)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Heeney, W. 2017	Birklands and Bilhaugh	Ref: 144
	Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollereton Corner	Ref: 36
	Hackman, J. Webb, J. Drewitt, A. Small, J. Button, N. <i>et al</i> 2018	Birklands and Bilhaugh	Ref: 131

## Chimabachidae

29.001	<i>Diurnea fagella</i> ([Denis & Schiffermüller], 1775)		
	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 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
	Finch, G. and Finch, A. 2004	Birklands West and Ollereton Corner	Ref: 135
	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. 2007	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. 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
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2012	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36
29.002	<i>Diurnea lipsiella</i> ([Denis & Schiffermüller], 1775)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36

## Lypusidae

30.004	<i>Amphisbatis incongruella</i> (Stainton, 1849)		
	Elliott, B. 1997	Birklands and Bilhaugh / Budby SF	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36

## Peleopodidae

31.001	<i>Carcina quercana</i> (Fabricius, 1775)		
	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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

## Depressariidae

### Depressariinae

32.001	<i>Semioscopis avellanella</i> (Hübner, 1793)		
	Lady Robinson	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Joynt, G. 2011	Birklands and Bilhaugh	Ref: 73
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2012	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
32.007	<i>Agonopterix ocellana</i> (Fabricius, 1775)		
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156

32.008	<i>Agonopterix liturosa</i> (Haworth, 1811) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
32.016	<i>Agonopterix propinquella</i> (Treitschke, 1835) Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 62
32.017	<i>Agonopterix arenella</i> ([Denis & Schiffermüller], 1775) 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. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2013	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	Ref: 1 Ref: 57 Ref: 58 Ref: 62 Ref: 36 Ref: 36 Ref: 36
32.018	<i>Agonopterix heracliana</i> (Linnaeus, 1758) 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 Budworth, D. <i>et al</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2014 Pendleton, T.A. and Pendleton, D.T. 2015 Pendleton, T.A. and Pendleton, D.T. 2015 Baker, P. Harte, K. and Leach, L. 2015 Baker, P. Harte, K. and Leach, L. 2016 Pendleton, T.A. and Pendleton, D.T. 2018	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 Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 59 Ref: 61 Ref: 62 Ref: 120 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 156 Ref: 156 Ref: 36
32.019	<i>Agonopterix ciliella</i> (Stainton, 1849) Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 61 Ref: 62 Ref: 36 Ref: 36 Ref: 36
32.024	<i>Agonopterix assimilella</i> (Treitschke, 1832) Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
32.029	<i>Agonopterix umbellana</i> (Fabricius, 1794) Hursthouse, D. <i>et al</i> 2009 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands West / Sherwood Heath	Ref: 109 Ref: 109 Ref: 36 Ref: 36
32.030	<i>Agonopterix nervosa</i> (Haworth, 1811) Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 57 Ref: 61 Ref: 36 Ref: 36 Ref: 36 Ref: 119
32.031	<i>Agonopterix alstromeriana</i> (Clerck, 1759) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1



	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
32.032	<i>Agonopterix angelicella</i> (Hübner, [1813])		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
32.035	<i>Agonopterix yeatiana</i> (Fabricius, 1781)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
32.036	<i>Depressaria radiella</i> <b>Parsnip Moth</b> (Goeze, 1783)		
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36

## Cosmopterigidae

### Cosmopteriginae

34.004	<i>Limnaecia phragmitella</i> (Stainton, 1851)		
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

## Gelechiidae

### Anacampsinae

35.011	<i>Anacampsis populella</i> (Clerck, 1759)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
35.012	<i>Anacampsis blattariella</i> (Hübner, 1796)		
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
35.017	<i>Neofaculta ericetella</i> (Geyer, [1832])		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2006	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
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
35.018	<i>Hypatima rhomboidella</i> (Linnaeus, 1758)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156

### Dichomeridinae

35.028	<i>Brachmia blandella</i> (Fabricius, 1798)		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
35.031	<i>Helcystogramma rufescens</i> (Haworth, 1828)		
	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. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36

### Apatetrinae

35.035	<i>Chrysoesthia drurella</i> (Fabricius, 1775)		
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36

### Anomologinae

35.038	<i>Bryotropha domestica</i> (Haworth, 1828)		
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
35.040	<i>Bryotropha terrella</i> ([Denis & Schiffermüller], 1775)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
35.041	<i>Bryotropha desertella</i> (Douglas, 1850)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
35.050	<i>Aristotelia ericinella</i> (Zeller, 1839)		
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
35.056	<i>Metzneria lappella</i> (Linnaeus, 1758)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

35.058	<i>Metzneria metzneriella</i> (Stainton, 1851)		
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
35.065	<i>Monochroa cytisella</i> (Curtis, 1837)		
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Gelechiinae</b>			
35.085	<i>Athrips mouffetella</i> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
35.091	<i>Sophronia semicostella</i> (Hübner, [1813])		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
35.093	<i>Mirificarma mulinella</i> (Zeller, 1839)		
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
35.107	<i>Psoricoptera gibbosella</i> (Zeller, 1839)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
35.109	<i>Scrobipalpa acuminatella</i> (Sircom, 1850)		
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
35.123	<i>Scrobipalpa costella</i> (Humphreys & Westwood, 1845)		
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
35.143	<i>Teleiodes luculella</i> (Hübner, [1813])		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
35.146	<i>Teleiopsis diffinis</i> (Haworth, 1828)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
35.147	<i>Carpatolechia decorella</i> (Haworth, 1812)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliott, B. 1997	Birklands and Bilhaugh / Budby SF	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Qtr	Ref: 36

35.148	<i>Carpatolechia fugitivella</i> (Zeller, 1839) Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
35.149	<i>Carpatolechia alburnella</i> (Zeller, 1839) Elliott, B. 1996 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Hursthouse, D. <i>et al</i> 2011 Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 96 Ref: 36 Ref: 36 Ref: 109 Ref: 36
35.150	<i>Carpatolechia notatella</i> (Hübner, [1813]) Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
35.151	<i>Carpatolechia proximella</i> (Hübner, 1796) 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 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr 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: 57 Ref: 58 Ref: 62 Ref: 36 Ref: 55 Ref: 36 Ref: 109 Ref: 36 Ref: 36 Ref: 36 Ref: 36
35.152	<i>Pseudotelphusa scalella</i> (Scopoli, 1763) 1916 Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2014	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 Birklands and Bilhaugh	Ref: 1 Ref: 64 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
35.153	<i>Pseudotelphusa paripunctella</i> (Thunberg, 1794) 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. 2010	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58 Ref: 61 Ref: 62 Ref: 36
35.157	<i>Recurvaria leucatella</i> (Clerck, 1759) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
35.159	<i>Exoteleia dodecella</i> (Linnaeus, 1758) Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Hursthouse, D. <i>et al</i> 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2014 Baker, P. Harte, K. and Leach, L. 2016	Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF	Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 109 Ref: 36 Ref: 36 Ref: 156
35.160	<i>Stenolechia gemmella</i> (Linnaeus, 1758) Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 55
35.161	<i>Parachronistis albiceps</i> (Zeller, 1839) Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36





37.102	<i>Coleophora argentula</i> (Stephens, 1834) Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
37.106	<i>Coleophora paripennella</i> (Zeller, 1839) Elliott, B. 1997	Birklands and Bilhaugh / Buck Gates	Ref: 96

### Elachistidae

38.004	<i>Elachista argentella</i> (Clerck, 1759) 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. 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Hursthouse, D. <i>et al</i> 2011 Pendleton, T.A. and Pendleton, D.T. 2014 Pendleton, T.A. and Pendleton, D.T. 2016	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 West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 58 Ref: 62 Ref: 36 Ref: 36 Ref: 119 Ref: 109 Ref: 36 Ref: 36
38.029	<i>Elachista luticomella</i> (Zeller, 1839) Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
38.030	<i>Elachista albifrontella</i> (Hübner, [1817]) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
38.032	<i>Elachista apicipunctella</i> (Stainton, 1849) Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr	Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
38.037	<i>Elachista canapennella</i> (Hübner, [1813]) Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
38.038	<i>Elachista rufocinerea</i> (Haworth, 1828) Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2006 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2014 Pendleton, T.A. and Pendleton, D.T. 2016 Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
38.039	<i>Elachista maculicerusella</i> (Bruand, 1859) Brameld, R.E. Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57

### Parametriotidae

39.001	<i>Blastodacna hellerella</i> (Duponchel, 1838) Bee, L. and Sterling, M.J. 1982 Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 57 Ref: 109
39.003	<i>Spuleria flavicaput</i> (Haworth, 1828) Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 36

39.004	<i>Dystebenna stephensi</i> (Stainton, 1849) Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
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## Momphidae

40.001	<i>Mompha conturbatella</i> (Hübner, [1819]) Bee, L. and Sterling, M.J. 1982 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 57 Ref: 36 Ref: 36
40.002	<i>Mompha ochraceella</i> (Curtis, 1839) Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>et al</i> 2011 Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 36 Ref: 109 Ref: 36
40.004	<i>Mompha propinquella</i> (Stainton, 1851) Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
40.009	<i>Mompha sturnipenella</i> (Treitschke, 1833) Pendleton, T.A. and Pendleton, D.T. 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 36 Ref: 36 Ref: 36
40.015	<i>Mompha raschkiella</i> (Zeller, 1839) 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 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2014 Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh 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 Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands West / Sherwood Heath Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Sherwood Heath Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Sherwood Heath Birklands and Bilhaugh / Budby SF Birklands West / Sherwood Heath	Ref: 57 Ref: 58 Ref: 62 Ref: 96 Ref: 108 Ref: 36 Ref: 55 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 119 Ref: 36 Ref: 36 Ref: 36 Ref: 119 Ref: 36 Ref: 128 Ref: 36 Ref: 36

## Blastobasidae

41.002	<i>Blastobasis adustella</i> (Walsingham, 1894) Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Budworth, D. <i>et al</i> 2009 Hursthouse, D. <i>et al</i> 2009 Hursthouse, D. <i>et al</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Hursthouse, D. <i>et al</i> 2011 Pendleton, T.A. and Pendleton, D.T. 2013 Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 55 Ref: 36 Ref: 120 Ref: 109 Ref: 109 Ref: 36 Ref: 36 Ref: 109 Ref: 36 Ref: 36 Ref: 109 Ref: 36 Ref: 156
41.003	<i>Blastobasis lacticolella</i> (Rebel, 1940) Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 61 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
Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

## Alucitidae

### 44.001 *Alucita hexadactyla* **Twenty-plume Moth** (Linnaeus, 1758)

Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36

## Pterophoridae

### Pterophorinae

### 45.004 *Platyptilia gonodactyla* ([Denis & Schiffermüller], 1775)

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. 2006	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. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Joynt, G. 2011	Birklands and Bilhaugh	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36

### 45.008 *Gillmeria pallidactyla* (Haworth, 1811)

Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
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### 45.010 *Amblyptilia acanthadactyla* (Hübner, [1813])

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
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### 45.012 *Stenoptilia pterodactyla* (Linnaeus, 1761)

Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
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### 45.013 *Stenoptilia bipunctidactyla* (Scopoli, 1763)

Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61

### 45.023 *Marasmarcha lunaedactyla* (Haworth, 1811)

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
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### 45.032 *Merrifieldia tridactyla* (Linnaeus, 1758)

Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
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### 45.041 *Hellinsia osteodactylus* (Zeller, 1841)

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

45.044	<i>Emmelina monodactyla</i> (Linnaeus, 1758)		
	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
	Elliott, B. 1997	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. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36

## Schreckensteiniidae

46.001	<i>Schreckensteinia festaliella</i> (Hübner, [1819])		
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36

## Epermeniidae

### Epermeniinae

47.005	<i>Epermenia chaerophyllella</i> (Goeze, 1783)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

## Choreutidae

### Choreutinae

48.001	<i>Anthophila fabriciana</i> <b>Nettle Tap</b> (Linnaeus, 1767)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	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
	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	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
48.002	<i>Prochoreutis myllerana</i> (Fabricius, 1794)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

## Tortricidae

### Chlidanotinae

49.002	<i>Isotrias rectifasciana</i> (Haworth, 1811)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

### Tortricinae

49.004	<i>Ditula angustiorana</i> <b>Red-barred Tortrix</b> (Haworth, 1811)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
49.005	<i>Epagoge grotiana</i> (Fabricius, 1781)		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57

	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. 1997	Birklands and Bilhaugh / Buck Gates	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
49.009	<i>Capua vulgana</i> (Frölich, 1828)		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	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. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
49.013	<i>Archips podana</i> <b>Large Fruit-tree Tortrix</b> (Scopoli, 1763)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
49.014	<i>Archips crataegana</i> <b>Brown Oak Tortrix</b> (Hübner, [1799])		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
49.015	<i>Archips xylosteana</i> <b>Variegated Golden Tortrix</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
49.016	<i>Archips rosana</i> <b>Rose Tortrix</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
49.018	<i>Choristoneura hebenstreitella</i> (Müller, 1764)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
49.020	<i>Argyrotaenia ljugiana</i> (Thunberg, 1797)		
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
49.021	<i>Ptycholomoides aeriferana</i> (Herrich-Schäffer, 1851)		
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
49.022	<i>Ptycholoma lecheana</i> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
49.023	<i>Pandemis cinnamomeana</i> (Treitschke, 1830)		
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
49.024	<i>Pandemis corylana</i> <b>Chequered Fruit-tree Tortrix</b> (Fabricius, 1794)		
	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	Ref: 55

Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
49.025 <i>Pandemis cerasana</i> <b>Barred Fruit-tree Tortrix</b> (Hübner, 1786)		
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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
49.026 <i>Pandemis heparana</i> <b>Dark Fruit-tree Tortrix</b> ([Denis & Schiffermüller], 1775)		
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. 2008	Birklands and Bilhaugh	Ref: 55
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
49.028 <i>Syndemis musculana</i> (Hübner, [1799])		
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36

	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
49.029	<i>Lozotaenia forsterana</i> (Fabricius, 1781) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
49.031	<i>Aphelia paleana</i> <b>Timothy Tortrix</b> (Hübner, 1793) 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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
49.037	<i>Clepsis spectrana</i> <b>Cyclamen Tortrix</b> (Treitschke, 1830) 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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
49.038	<i>Clepsis consimilana</i> (Hübner, [1817]) 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
49.039	<i>Epiphyas postvittana</i> <b>Light Brown Apple Moth</b> (Walker, 1863) Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
49.040	<i>Lozotaeniodes formosana</i> (Frölich, 1830) Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
49.044	<i>Tortricodes alternella</i> ([Denis & Schiffmüller], 1775) 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. 1995	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. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36

49.047	<i>Eana incanana</i> (Stephens, 1852) Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
49.049	<i>Cnephasia incertana</i> <b>Light Grey Tortrix</b> (Treitschke, 1835) Brameld, R.E. Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 61
49.050	<i>Cnephasia stephensiana</i> (Doubleday, [1849]) 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. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 57 Ref: 55 Ref: 36 Ref: 36 Ref: 36 Ref: 36
49.051	<i>Cnephasia asseclana</i> ([Denis & Schiffermüller], 1775) Bee, L. and Sterling, M.J. 1982 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 57 Ref: 55 Ref: 36
49.057	<i>Cnephasia longana</i> (Haworth, 1811) Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 36
49.059	<i>Tortrix viridana</i> <b>Green Oak Tortrix</b> (Linnaeus, 1758) 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 Pendleton, T.A. and Pendleton, D.T. 2010 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Hursthouse, D. <i>et al</i> 2011	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 Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 57 Ref: 58 Ref: 61 Ref: 62 Ref: 36 Ref: 36 Ref: 109 Ref: 36 Ref: 109
49.060	<i>Aleimma loeflingiana</i> (Linnaeus, 1758) Brameld, R.E. Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 109
49.061	<i>Acleris holmiana</i> (Linnaeus, 1758) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
49.062	<i>Acleris forsskaeana</i> (Linnaeus, 1758) Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2008 Hursthouse, D. <i>et al</i> 2011 Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 55 Ref: 109 Ref: 36
49.063	<i>Acleris bergmanniana</i> (Linnaeus, 1758) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
49.065	<i>Acleris comariana</i> <b>Strawberry Tortrix</b> (Lienig & Zeller, 1846) Pendleton, T.A. and Pendleton, D.T. 2011 Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 36 Ref: 109
49.066	<i>Acleris laterana</i> (Fabricius, 1794) 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 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2013 Baker, P. Harte, K. and Leach, L. 2015	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: 57 Ref: 58 Ref: 61 Ref: 36 Ref: 36 Ref: 36 Ref: 156

49.069	<i>Acleris sparsana</i> ([Denis & Schiffermüller], 1775) Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 36
49.070	<i>Acleris rhombana</i> <b>Rhomboid Tortrix</b> ([Denis & Schiffermüller], 1775) Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Hursthouse, D. <i>et al</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 57 Ref: 58 Ref: 61 Ref: 109 Ref: 36 Ref: 36
49.071	<i>Acleris emargana</i> (Fabricius, 1775) Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr	Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
49.073	<i>Acleris schalleriana</i> (Linnaeus, 1761) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
49.076	<i>Acleris cristana</i> ([Denis & Schiffermüller], 1775) Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
49.077	<i>Acleris variegana</i> <b>Garden Rose Tortrix</b> ([Denis & Schiffermüller], 1775) Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Hursthouse, D. <i>et al</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 57 Ref: 58 Ref: 61 Ref: 109 Ref: 36
49.080	<i>Acleris hastiana</i> (Linnaeus, 1758) Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 36 Ref: 109 Ref: 36 Ref: 36
49.082	<i>Acleris hyemana</i> (Haworth, 1811) Hursthouse, D. <i>et al</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Baker, P. Harte, K. and Leach, L. 2015 Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 109 Ref: 36 Ref: 36 Ref: 109 Ref: 119 Ref: 156 Ref: 36
49.083	<i>Acleris ferrugana</i> ([Denis & Schiffermüller], 1775) 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 Pendleton, T.A. and Pendleton, D.T. 2010 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2014 Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 57 Ref: 36 Ref: 36 Ref: 36 Ref: 109 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
49.084	<i>Acleris notana</i> (Donovan, 1806) Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Bee, L. and Sterling, M.J. 1984	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 57 Ref: 58 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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
49.086	<i>Acleris logiana</i> (Clerck, 1759)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
49.087	<i>Acleris literana</i> (Linnaeus, 1758)		
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
49.090	<i>Eulia ministrana</i> (Linnaeus, 1758)		
	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. 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. 2010	Birklands and Bilhaugh	Ref: 36
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
49.091	<i>Pseudargyrotoza conwagana</i> (Fabricius, 1775)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
49.097	<i>Cochylimorpha straminea</i> (Haworth, 1811)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
49.109	<i>Agapeta hamana</i> (Linnaeus, 1758)		
	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
	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 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. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109



	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
49.110	<i>Agapeta zoegana</i> (Linnaeus, 1767)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
49.111	<i>Eupoecilia angustana</i> (Hübner, [1799])		
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Elliott, B. 1996	Birklands and Bilhaugh / Budby SF	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
49.120	<i>Aethes smeathmanniana</i> (Fabricius, 1781)		
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
49.123	<i>Aethes beatricella</i> (Walsingham, 1898)		
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
49.127	<i>Aethes cricana</i> (Westwood, 1854)		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
49.128	<i>Aethes rubigana</i> (Treitschke, 1830)		
	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. 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. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
49.133	<i>Cochylis nana</i> (Haworth, 1811)		
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
49.137	<i>Cochylis dubitana</i> (Hübner, [1799])		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
49.139	<i>Cochylis atricapitana</i> (Stephens, 1852)		
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>Olethreutinae</b>			
49.144	<i>Eudemis profundana</i> ([Denis & Schiffmüller], 1775)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
49.149	<i>Apotomis turbidana</i> (Hübner, [1825])		
	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 / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
49.150	<i>Apotomis betuletana</i> (Haworth, 1811)		
	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	Ref: 55
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	Hursthouse, D. <i>et al</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>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
49.154	<i>Orthotaenia undulana</i> ([Denis & Schiffermüller], 1775)		
	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. 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 and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
49.156	<i>Hedya nubiferana</i> <b>Marbled Orchard Tortrix</b> (Haworth, 1811)		
	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
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36



49.184	<i>Lobesia reliquana</i> (Hübner, [1825])		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Elliott, B. 1997	Birklands and Bilhaugh / Budby SF	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 West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
49.191	<i>Endothenia nigricostana</i> (Haworth, 1811)		
	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 and Bilhaugh	Ref: 36
49.194	<i>Bactra lancealana</i> (Hübner, [1799])		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	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
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
49.202	<i>Ancylis uncella</i> ([Denis & Schiffermüller], 1775)		
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
49.206	<i>Ancylis upupana</i> (Treitschke, 1835)		
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
49.214	<i>Ancylis badiana</i> ([Denis & Schiffermüller], 1775)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
49.215	<i>Ancylis achatana</i> ([Denis & Schiffermüller], 1775)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
49.216	<i>Ancylis mitterbacheriana</i> ([Denis & Schiffermüller], 1775)		
	Pendleton, T.A. and Pendleton, D.T. 2006	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. 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. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109

	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
49.223	<i>Rhopobota naevana</i> <b>Holly Tortrix</b> (Hübner, [1817])		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
49.224	<i>Spilonota ocellana</i> ([Denis & Schiffermüller], 1775)		
	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
	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>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
49.228	<i>Epinotia sordidana</i> (Hübner, [1824])		
	Saunt, J.W. 1914	Edwinstowe	Ref: 1
49.230	<i>Epinotia trigonella</i> (Linnaeus, 1758)		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
49.231	<i>Epinotia brunnichana</i> (Linnaeus, 1767)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
49.233	<i>Epinotia solandriana</i> (Linnaeus, 1758)		
	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
49.234	<i>Epinotia abbreviana</i> (Fabricius, 1794)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
49.240	<i>Epinotia immundana</i> (Fischer von Röslerstamm, 1839)		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36

	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
49.243	<i>Epinotia demarniana</i> (Fischer von Röslerstamm, 1840) 1988	Birklands and Bilhaugh	Ref: 67
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
49.244	<i>Epinotia subocellana</i> (Donovan, 1806) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
49.245	<i>Epinotia tetraquetra</i> (Haworth, 1811) Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	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. 2011	Birklands and Bilhaugh	Ref: 36
49.248	<i>Epinotia tenerana</i> <b>Nut Bud Moth</b> ([Denis & Schiffermüller], 1775) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
49.249	<i>Epinotia ramella</i> (Linnaeus, 1758) 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
	Elliott, B. 1996	Birklands and Bilhaugh / Budby SF	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
49.251	<i>Epinotia rubiginosana</i> (Herrich-Schäffer, 1851) Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
49.252	<i>Epinotia tedella</i> (Clerck, 1759) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
49.254	<i>Epinotia bilunana</i> (Haworth, 1811) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	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
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
49.255	<i>Epinotia nisella</i> (Clerck, 1759) Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36

49.260	<i>Zeiraphera isertana</i> (Fabricius, 1794)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
49.265	<i>Eucosma cana</i> (Haworth, 1811)		
	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>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
49.266	<i>Eucosma hohenwartiana</i> ([Denis & Schiffermüller], 1775)		
	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. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
49.269	<i>Eucosma campoliliana</i> ([Denis & Schiffermüller], 1775)		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
49.275	<i>Eucosma conterminana</i> (Guenée, 1845)		
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
49.277	<i>Eucosma pupillana</i> (Clerck, 1759)		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
49.279	<i>Gypsonoma dealbana</i> (Frölich, 1828)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
49.281	<i>Gypsonoma sociana</i> (Haworth, 1811)		
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36

49.285	<i>Epiblema scutulana</i> ([Denis & Schiffermüller], 1775)		
	Carr, L.A. 1912	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
49.286	<i>Epiblema cirsiana</i> (Zeller, 1843)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
49.288	<i>Epiblema foenella</i> (Linnaeus, 1758)		
	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
	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
49.292	<i>Notocelia cynosbatella</i> (Linnaeus, 1758)		
	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
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
49.294	<i>Notocelia uddmanniana</i> <b>Bramble-shoot Moth</b> (Linnaeus, 1758)		
	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
	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>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
49.295	<i>Notocelia roborana</i> ([Denis & Schiffermüller], 1775)		
	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
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
49.297	<i>Notocelia rosaecolana</i> (Doubleday, 1850)		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
49.298	<i>Notocelia trimaculana</i> (Haworth, 1811)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
49.299	<i>Pseudococcyx posticana</i> (Zetterstedt, 1839)		
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
49.300	<i>Pseudococcyx turionella</i> <b>Pine Bud Moth</b> (Linnaeus, 1758)		
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36



49.304	<i>Clavigesta purdeyi</i> (Durrant, 1911) Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
49.305	<i>Rhyacionia buoliana</i> <b>Pine Shoot Moth</b> ([Denis & Schiffermüller], 1775) Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 109 Ref: 36 Ref: 36 Ref: 36 Ref: 36
49.306	<i>Rhyacionia pinicolana</i> (Doubleday, 1850) Hursthouse, D. <i>et al</i> 2009 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Hursthouse, D. <i>et al</i> 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2014 Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF	Ref: 109 Ref: 109 Ref: 36 Ref: 109 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 156
49.307	<i>Rhyacionia pinivorana</i> <b>Spotted Shoot Moth</b> (Lienig & Zeller, 1846) Brameld, R.E. Hursthouse, D. <i>et al</i> 2010 Hursthouse, D. <i>et al</i> 2011 Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 109 Ref: 109 Ref: 36
49.313	<i>Dichrorampha acuminatana</i> (Lienig & Zeller, 1846) Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
49.315	<i>Dichrorampha simpliciana</i> (Haworth, 1811) Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2014 Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF	Ref: 58 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 156
49.320	<i>Dichrorampha alpinana</i> (Treitschke, 1830) Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
49.321	<i>Dichrorampha petiverella</i> (Linnaeus, 1758) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
49.325	<i>Cydia ulicetana</i> (Haworth, 1811) 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 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2016	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 Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Sherwood Heath Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 96 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
49.334	<i>Cydia cosmophorana</i> (Treitschke, 1835) Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
49.338	<i>Cydia pomonella</i> <b>Codling Moth</b> (Linnaeus, 1758) Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 36 Ref: 109

49.341	<i>Cydia splendana</i> (Hübner, [1799])		
	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	Ref: 55
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
49.342	<i>Cydia fagiglandana</i> (Zeller, 1841)		
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
49.345	<i>Lathronympha strigana</i> (Fabricius, 1775)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	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. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
49.349	<i>Grapholita internana</i> (Guenée, 1845)		
	Elliot, B. 1995	Birklands and Bilhaugh / Budby SF	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
49.351	<i>Grapholita lunulana</i> ([Denis & Schiffermüller], 1775)		
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
49.359	<i>Grapholita janthinana</i> (Duponchel, 1835)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
49.362	<i>Pammene giganteana</i> (Peyerimhoff, 1863)		
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
49.363	<i>Pammene argyrana</i> (Hübner, [1799])		
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
49.366	<i>Pammene obscurana</i> (Stephens, 1834)		
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
49.367	<i>Pammene fasciana</i> (Linnaeus, 1761)		
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
49.371	<i>Pammene rhediella</i> (Clerck, 1759)		
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
49.373	<i>Pammene spiniana</i> Duponchel, [1843]		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

49.379	<i>Pammene aurana</i> (Fabricius, 1775)		
	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. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
49.382	<i>Strophedra nitidana</i> (Fabricius, 1794)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

## Cossidae

### Cossinae

50.001	<i>Cossus cossus</i> <b>Goat Moth</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

### Zeuzerinae

50.002	<i>Zeuzera pyrina</i> <b>Leopard Moth</b> (Linnaeus, 1761)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Finch, G. and Finch, A. 1987	Birklands and Bilhaugh	Ref: 135
	Wright, S. and Osborne, J.E. 2006	Birklands West / Sherwood Heath	Ref: 85
	Howat, C. and Beasley, N. 2006	Birklands West / Sherwood Heath	Ref: 85
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36

## Sesiidae

### Sesiinae

52.005	<i>Synanthedon scoliaeformis</i> <b>Welsh Clearwing</b> (Borkhausen, 1789)		
	Joynt, G. 2008	Birklands and Bilhaugh	Ref: 73
	Woodward, R. and Beasley, N. 2009	Birklands and Bilhaugh	Ref: 95
	Joynt, G. 2009	Birklands and Bilhaugh	Ref: 73
	Hursthouse, D. 2009	Birklands and Bilhaugh	Ref: 98
	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
	Grey, M. 2009	Birklands and Bilhaugh	Ref: 97
	Pyke, M. 2009	Birklands and Bilhaugh	Ref: 99
	Green, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 73
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. 2010	Birklands and Bilhaugh	Ref: 98
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
	Woodward, R. 2010	Birklands West / Sherwood Heath	Ref: 95
	Joynt, G. 2011	Birklands and Bilhaugh	Ref: 73
	Joynt, G. 2011	Birklands West / Clipstone Old Qtr	Ref: 73
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Wright R. 2013	Birklands West / Sherwood Heath	Ref: 136
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Wright R. 2016	Birklands West / Sherwood Heath	Ref: 145
	Lee, P. <i>et al</i>	Birklands and Bilhaugh	Ref: 145
	Wright R. 2017	Birklands and Bilhaugh	Ref: 146
	Wright R. 2017	Birklands West / Clipstone Old Qtr	Ref: 146
	Wright R. 2017	Birklands West / Sherwood Heath	Ref: 146
	Wright R. 2018	Birklands West / Sherwood Heath	Ref: 147
	Wright R. 2018	Birklands and Bilhaugh	Ref: 147
	Wright R. 2018	Birklands West / Clipstone Old Qtr	Ref: 147
	Batty, S. 2019	Birklands and Bilhaugh	Ref: 148
52.007	<i>Synanthedon culiciformis</i> <b>Large Red-belted Clearwing</b> (Linnaeus, 1758)		





	Pendleton, T.A. 2021	Birklands West / Sherwood Heath	Ref: 36
57.007	<i>Ochlodes sylvanus</i> <b>Large Skipper</b> (Esper, 1777)		
	Lievers	Birklands and Bilhaugh	Ref: 1
	White, M.C. 1982	Birklands and Bilhaugh	Ref: 81
	2006	Birklands West / Sherwood Heath	Ref: 170
	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: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	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
	Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Quarter	Ref: 36
	Rogers, R. 2014	Birklands and Bilhaugh	Ref: 71
	Pendleton, T.A. 2021	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. 2021	Birklands West / Clipstone Old Quarter	Ref: 36

## Pieridae

### Dismorphinae

58.001	<i>Leptidae sinapsis</i> <b>Wood White</b> (Linnaeus, 1758)		
	Sterland	Birklands and Bilhaugh	Ref: 1
	1906	Birklands and Bilhaugh	Ref: 19
	1907	Birklands and Bilhaugh	Ref: 19
	1908	Birklands and Bilhaugh	Ref: 19
	1909	Birklands and Bilhaugh	Ref: 19

### Pierinae

58.003	<i>Anthocharis cardamines</i> <b>Orange Tip</b> (Linnaeus, 1758)		
	1996	Birklands and Bilhaugh / Budby SF	Ref: 170
	2003	Birklands and Bilhaugh	Ref: 170
	2006	Birklands West / Sherwood Heath	Ref: 170
	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: 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 Quarter	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 / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West and Ollerton Corner	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Rogers, R. 2014	Birklands and Bilhaugh	Ref: 71
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Quarter	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A 2020	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A 2021	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A 2021	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A 2021	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A 2021	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>58.006</b> <i>Pieris brassicae</i> <b>Large White</b> (Linnaeus, 1758)		
Harrison, F. 1982	Birklands and Bilhaugh	Ref: 81
2003	Birklands and Bilhaugh / Budby SF	Ref: 170
2003	Birklands and Bilhaugh	Ref: 170
2005	Birklands West / Sherwood Heath	Ref: 170
2005	Birklands and Bilhaugh / Budby SF	Ref: 170
2006	Birklands West / Sherwood Heath	Ref: 170
2006	Birklands West / Sherwood Heath	Ref: 170
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: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	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 / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
Case, C. 2017	Birklands and Bilhaugh	Ref: 151
Hunter, L. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
Keane, E. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Ryder, C. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A 2021	Birklands West / Sherwood Heath	Ref: 36
<b>58.007</b> <i>Pieris rapae</i> <b>Small White</b> (Linnaeus, 1758)		
Harrison, F. 1982	Birklands and Bilhaugh	Ref: 81
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: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Quarter	Ref: 36

	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
58.008	<i>Pieris napi</i> <b>Green-veined White</b> (Linnaeus, 1758)		
	Harrison, F. 1982	Birklands and Bilhaugh	Ref: 81
	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: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	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 / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West and Ollerton Corner	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Quarter	Ref: 36
	Rogers, R. 2014	Birklands and Bilhaugh	Ref: 71
	Rogers, R. 2015	Birklands and Bilhaugh	Ref: 71
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
	Jones, J. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
	Ryder, C. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. 2020	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. 2021	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. 2021	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. 2021	Birklands West / Clipstone Old Quarter	Ref: 36

### Coliadinae

58.010	<i>Colias croceus</i> <b>Clouded Yellow</b> (Geoffroy, 1785)		
	2000	Birklands and Bilhaugh / Budby SF	Ref: 170
	2014	Birklands and Bilhaugh / Budby SF	Ref: 170
58.011	<i>Colias hyale</i> <b>Pale Clouded Yellow</b> (Linnaeus, 1758)		
	Sterland	Birklands and Bilhaugh	Ref: 1
58.013	<i>Gonepteryx rhamni</i> <b>Brimstone</b> (Geoffroy, 1785)		
	Frost, R.A. 1978	Birklands and Bilhaugh / Budby SF	Ref: 81
	White, M.C. 1982	Birklands and Bilhaugh	Ref: 81
	Frost, R.A. 1983	Birklands and Bilhaugh	Ref: 81
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	Ref: 36
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West and Ollerton Corner	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36



Pendleton, T.A. 2020	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. 2021	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2021	Birklands and Bilhaugh / Budby SF	Ref: 36

## Nymphalidae

### Satyrinae

59.002	<i>Lasiommata megera</i> <b>Wall Brown</b> (Linnaeus, 1767)		
	Sterland, Brameld and Herdy, J.R.	Birklands and Bilhaugh	Ref: 1
	White, M.C. 1982	Birklands and Bilhaugh	Ref: 81
	Harrison, F. 1982	Birklands and Bilhaugh	Ref: 81
	Brackenbury, A. 1989	Birklands West / Sherwood Heath	Ref: 79
59.003	<i>Pararge aegeria</i> <b>Speckled Wood</b> (Linnaeus, 1758)		
	Sterland and Brameld	Birklands and Bilhaugh	Ref: 1
	1998	Birklands and Bilhaugh / Budby SF	Ref: 170
	2003	Birklands and Bilhaugh	Ref: 170
	2003	Birklands West / Sherwood Heath	Ref: 170
	2005	Birklands West / Sherwood Heath	Ref: 170
	2005	Birklands and Bilhaugh / Budby SF	Ref: 170
	2006	Birklands West / Sherwood Heath	Ref: 170
	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: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	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 / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Quarter	Ref: 36
	Godfrey, A. 2010	Birklands and Bilhaugh / Buck Gates	Ref: 123
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West and Ollerton Corner	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Quarter	Ref: 36
	Rogers, R. 2014	Birklands and Bilhaugh	Ref: 71
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Quarter	Ref: 36
	Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144
	Skinner, M. 2015	Birklands and Bilhaugh	Ref: 141
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
	Rogers, R. 2015	Birklands and Bilhaugh	Ref: 71
	Rogers, R. 2016	Birklands and Bilhaugh	Ref: 71
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West and Ollerton Corner	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
	Case, C. 2017	Birklands and Bilhaugh	Ref: 151
	Hunter, L. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
	Keane, E. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
	Jones, J. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
	Rogers, R. 2017	Birklands and Bilhaugh / Budby SF	Ref: 71
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. 2020	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. 2021	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. 2021	Birklands West / Clipstone Old Quarter	Ref: 36

	Pendleton, T.A. 2021	Birklands West and Ollerton Corner	Ref: 36
59.005	<i>Coenonympha pamphilus</i> <b>Small Heath</b> (Linnaeus, 1758)		
	Harrison, F. 1980	Birklands and Bilhaugh	Ref: 81
	Harrison, F. 1982	Birklands and Bilhaugh	Ref: 81
	Harrison, F. 1983	Birklands and Bilhaugh	Ref: 81
	Brackenbury, A. 1989	Birklands West / Sherwood Heath	Ref: 79
	Whiteley, D. 1990	Birklands West / Sherwood Heath	Ref: 79
	1995	Birklands West / Sherwood Heath	Ref: 170
	1996	Birklands and Bilhaugh / Budby SF	Ref: 170
	1999	Birklands West / Sherwood Heath	Ref: 170
	2003	Birklands West / Sherwood Heath	Ref: 170
	2003	Birklands and Bilhaugh / Budby SF	Ref: 170
	2003	Birklands and Bilhaugh	Ref: 170
	2004	Birklands and Bilhaugh / Budby SF	Ref: 170
	2005	Birklands and Bilhaugh	Ref: 170
	Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
	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: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
	Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	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
	Rogers, R. 2010	Birklands and Bilhaugh / Budby SF	Ref: 71
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
	Rogers, R. 2014	Birklands and Bilhaugh	Ref: 71
	Rogers, R. 2015	Birklands and Bilhaugh	Ref: 71
	Rogers, R. 2016	Birklands and Bilhaugh	Ref: 71
	Case, C. 2017	Birklands and Bilhaugh	Ref: 151
	Hunter, L. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
	Keane, E. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
	Jones, J. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
	Mcmahon, J. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
	Huskisson, D. 2017	Birklands and Bilhaugh / Budby SF	Ref: 79
	Ryder, C. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. 2021	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. 2021	Birklands and Bilhaugh / Budby SF	Ref: 36
59.009	<i>Aphantopus hyperantus</i> <b>Ringlet</b> (Linnaeus, 1758)		
	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: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	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 / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West and Ollerton Corner	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2021	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2021	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. 2021	Birklands and Bilhaugh	Ref: 36

59.010 *Maniola jurthina* **Meadow Brown** (Linnaeus, 1758)

Frost, R.A. 1979	Birklands and Bilhaugh	Ref: 81
Harrison, F. 1982	Birklands and Bilhaugh	Ref: 81
Harrison, F. 1983	Birklands and Bilhaugh	Ref: 81
Brackenbury, A. 1989	Birklands West / Sherwood Heath	Ref: 79
1996	Birklands and Bilhaugh / Budby SF	Ref: 151
2003	Birklands West / Sherwood Heath	Ref: 170
2005	Birklands West / Sherwood Heath	Ref: 170
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: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	Ref: 36
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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Rogers, R. 2014	Birklands and Bilhaugh	Ref: 71
Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144
Skinner, M. 2015	Birklands and Bilhaugh	Ref: 141
Rogers, R. 2015	Birklands and Bilhaugh	Ref: 71
Rogers, R. 2016	Birklands and Bilhaugh	Ref: 71
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West and Ollerton Corner	Ref: 36
Rogers, R. 2017	Birklands and Bilhaugh	Ref: 71
Ryder, C. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
Case, C. 2017	Birklands and Bilhaugh	Ref: 151
Hunter, L. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
Keane, E. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
Jones, J. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2021	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. 2021	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. 2021	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2021	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2021	Birklands West / Sherwood Heath	Ref: 36

59.011	<i>Pyronia tithonus</i> <b>Gatekeeper</b> (Linnaeus, 1771)		
	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: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	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. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West and Ollerton Corner	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West and Ollerton Corner	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. 2020	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. 2021	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. 2021	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. 2021	Birklands and Bilhaugh	Ref: 36

59.013	<i>Hipparchia semele</i> <b>Grayling</b> (Linnaeus, 1758)		
	Sterland	Birklands and Bilhaugh	Ref: 1

#### Heliconiinae

59.014	<i>Boloria euphrosyne</i> <b>Pearl-bordered Fritillary</b> (Linnaeus, 1758)		
	Brameld	Birklands and Bilhaugh	Ref: 1
	1916	Birklands and Bilhaugh	Ref: 1
	1939	Birklands and Bilhaugh	Ref: 19
59.015	<i>Boloria selene</i> <b>Small Pearl-bordered Fritillary</b> ([Denis & Schiffermüller], 1775)		
	1916	Birklands and Bilhaugh	Ref: 1
59.017	<i>Argynnis paphia</i> <b>Silver-washed Fritillary</b> (Linnaeus, 1758)		
	Sterland	Birklands and Bilhaugh	Ref: 1
	Brameld	Birklands and Bilhaugh	Ref: 1
	Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
	1916	Birklands and Bilhaugh	Ref: 1
	Brownley, N. and Brownley, S. 2022	Birklands West / Clipstone Old Quarter	Ref: 169
	Brownley, N. and Brownley, S. 2022	Birklands and Bilhaugh	Ref: 169
	Pendleton, T.A. 2022	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. 2022	Birklands and Bilhaugh	Ref: 36
59.019	<i>Argynnis aglaja</i> <b>Dark Green Fritillary</b> (Linnaeus, 1758)		
	Sterland	Birklands and Bilhaugh	Ref: 1
	Brameld	Birklands and Bilhaugh	Ref: 1
	1916	Birklands and Bilhaugh	Ref: 1
59.020	<i>Argynnis adippe</i> <b>High Brown Fritillary</b> ([Denis & Schiffermüller], 1775)		
	Tyrer, R. and W. 1868	Birklands and Bilhaugh	Ref: 1
	1916	Birklands and Bilhaugh	Ref: 1
	1939	Birklands and Bilhaugh	Ref: 19

#### Apaturinae

59.022	<i>Apatura iris</i> <b>Purple Emperor</b> (Linnaeus, 1758)		
	Hardy, J.R. 1874	Birklands and Bilhaugh	Ref: 1
	Hardy, J.R. 1875	Birklands and Bilhaugh	Ref: 1
	1899	Birklands and Bilhaugh	Ref: 1

Brownley, N. and Brownley, S. 2020	Birklands and Bilhaugh	Ref: 169
Brownley, N. and Brownley, S. 2021	Birklands and Bilhaugh / Budby SF	Ref: 169
Terry, D. 2021	Birklands and Bilhaugh / Budby SF	Ref: 158
Brownley, N. and Brownley, S. 2021	Birklands and Bilhaugh	Ref: 169
Dennison, D. 2021	Birklands and Bilhaugh / Budby SF	Ref: 158
Pendleton, T.A. 2022	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. 2022	Birklands and Bilhaugh	Ref: 36
Brownley, N. and Brownley, S. 2022	Birklands and Bilhaugh / Budby SF	Ref: 169
Brownley, N. and Brownley, S. 2022	Birklands West / Clipstone Old Quarter	Ref: 169
Brownley, N. and Brownley, S. 2022	Birklands and Bilhaugh	Ref: 169

## Nymphalinae

59.023	<i>Vanessa atalanta</i> <b>Red Admiral</b> (Linnaeus, 1758)		
	Frost, R.F. 1979	Birklands and Bilhaugh / Budby SF	Ref: 81
	White, M.C. 1982	Birklands and Bilhaugh	Ref: 81
	White, M.C. 1982	Birklands and Bilhaugh / Budby SF	Ref: 81
	Pendleton, T.A. and Pendleton, D.T. 2008	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. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. 2020	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. 2021	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. 2021	Birklands West and Ollerton Corner	Ref: 36
	Pendleton, T.A. 2021	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. 2021	Birklands West / Clipstone Old Quarter	Ref: 36
59.024	<i>Vanessa cardui</i> <b>Painted Lady</b> (Linnaeus, 1758)		
	1892	Edwinstowe	Ref: 1
	White, M.C. 1982	Birklands and Bilhaugh	Ref: 81
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	Ref: 36
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. 2021	Birklands and Bilhaugh / Budby SF	Ref: 36
59.026	<i>Aglais io</i> <b>Peacock</b> (Linnaeus, 1758)		
	Harrison, F. 1982	Birklands and Bilhaugh	Ref: 81
	White, M.C. 1982	Birklands and Bilhaugh	Ref: 81
	White, M.C. 1982	Birklands and Bilhaugh / Budby SF	Ref: 81
	Brackenbury, A. 1989	Birklands West / Sherwood Heath	Ref: 79
	1998	Birklands and Bilhaugh / Budby SF	Ref: 170
	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: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	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
	Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. 2020	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2021	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2021	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. 2021	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2021	Birklands and Bilhaugh	Ref: 36

59.026 *Aglais urticae* **Small Tortoiseshell** (Linnaeus, 1758)

Culpin, J. 1982	Birklands and Bilhaugh	Ref: 81
White, M.C. 1982	Birklands and Bilhaugh	Ref: 81
Harrison, F. 1983	Birklands and Bilhaugh	Ref: 81
1996	Birklands West / Sherwood Heath	Ref: 170
1996	Birklands and Bilhaugh / Budby SF	Ref: 170
2003	Birklands West / Sherwood Heath	Ref: 170
2003	Birklands and Bilhaugh / Budby SF	Ref: 170
2003	Birklands and Bilhaugh	Ref: 170
2005	Birklands West / Sherwood Heath	Ref: 170
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: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	Ref: 36
Hursthouse, D. Leach, I. Baker, P. Harte, K. and Ashford, K. 2009	Birklands and Bilhaugh / Budby SF	Ref: 98
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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Quarter	Ref: 36
Rogers, R. 2010	Birklands and Bilhaugh / Budby SF	Ref: 71
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West and Ollerton Corner	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Quarter	Ref: 36
Rogers, R. 2014	Birklands and Bilhaugh	Ref: 71
Rogers, R. 2015	Birklands and Bilhaugh	Ref: 71
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Quarter	Ref: 36
Rogers, R. 2016	Birklands and Bilhaugh	Ref: 71
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36

	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. 2020	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. 2021	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. 2021	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. 2021	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. 2021	Birklands and Bilhaugh	Ref: 36
59.028	<i>Nymphalis antiopa</i> <b>Camberwell Beauty</b> (Linnaeus, 1758)		
	Wilson 1858	Birklands and Bilhaugh	Ref: 1
	Sterland	Birklands and Bilhaugh	Ref: 1
	Birchall, H. 1872	Birklands and Bilhaugh	Ref: 1
59.029	<i>Nymphalis polychloros</i> <b>Large Tortoiseshell</b> (Linnaeus, 1758)		
	Hardy, J.R.		
59.031	<i>Polygonia c-album</i> <b>Comma</b> (Linnaeus, 1758)		
	Whiteley, D. 2000	Birklands and Bilhaugh / Budby SF	Ref: 79
	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: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	Ref: 36
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. 2020	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. 2020	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. 2021	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. 2021	Birklands West / Sherwood Heath	Ref: 36
59.033	<i>Euphydryas aurinia</i> <b>Marsh Fritillary</b> (Rottemburg, 1775)		
	Trueman, J. 1899	Birklands and Bilhaugh	Ref: 1

## Lycaenidae

### Lycaeninae

61.001	<i>Lycaena phlaeas</i> <b>Small Copper</b> (Linnaeus, 1761)		
	Birchall, H. 1872	Birklands and Bilhaugh	Ref: 1
	Frost, R.A. 1979	Birklands and Bilhaugh	Ref: 81
	Harrison, F. 1982	Birklands and Bilhaugh	Ref: 81
	White, M.C. 1982	Birklands and Bilhaugh / Budby SF	Ref: 81
	Harrison, F. 1983	Birklands and Bilhaugh	Ref: 81
	Whiteley, D. 1989	Birklands West / Sherwood Heath	Ref: 79
	Brackenbury, A. 1989	Birklands West / Sherwood Heath	Ref: 79
	Whiteley, D. 2001	Birklands West / Sherwood Heath	Ref: 79

Godfrey, A. 2006	Birklands West / Sherwood Heath	Ref: 108
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: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	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. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. 2020	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2021	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. 2021	Birklands West / Clipstone Old Quarter	Ref: 36
Pendleton, T.A. 2021	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. 2021	Birklands and Bilhaugh	Ref: 36

## Theclinae

61.003	<i>Thecla betulae</i> <b>Brown Hairstreak</b> (Linnaeus, 1758)		
	Elliott, B. 1982	Birklands and Bilhaugh	Ref: 96
61.004	<i>Favonius quercus</i> <b>Purple Hairstreak</b> (Linnaeus, 1758)		
	Rodgers, W. 1857	Birklands and Bilhaugh	Ref: 1
	1953	Birklands and Bilhaugh	Ref: 52
	1969	Birklands and Bilhaugh / Budby SF	Ref: 81
	1982	Birklands and Bilhaugh	Ref: 81
	1996	Birklands and Bilhaugh / Budby SF	Ref: 170
	1997	Birklands and Bilhaugh	Ref: 170
	1998	Birklands and Bilhaugh / Budby SF	Ref: 170
	Frost, R.A. 1981	Birklands and Bilhaugh	Ref: 81
	White, M.C. 1981	Birklands and Bilhaugh	Ref: 81
	Harrison, F. 1982	Birklands and Bilhaugh	Ref: 81
	Baker, D.1982	Birklands and Bilhaugh	Ref: 81
	White, M.C. 1982	Birklands and Bilhaugh	Ref: 81
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	White, M.C. 1982	Birklands and Bilhaugh / Budby SF	Ref: 81
	Frost, R.A. 1983	Birklands and Bilhaugh	Ref: 81
	Hursthouse, D. 1983	Birklands and Bilhaugh	Ref: 109
	1983	Birklands and Bilhaugh	Ref: 48
	Baker, D. 1989	Birklands and Bilhaugh	Ref: 81
	Hursthouse, D. 1992	Birklands and Bilhaugh	Ref: 109
	Hursthouse, D. 2001	Birklands and Bilhaugh / Budby SF	Ref: 109
	2002	Birklands and Bilhaugh / Budby SF	Ref: 170
	Hursthouse, D. 2002	Birklands and Bilhaugh / Budby SF	Ref: 109
	2003	Birklands and Bilhaugh / Budby SF	Ref: 170
	2005	Birklands West / Sherwood Heath	Ref: 170
	Joynt, G. 2008	Birklands and Bilhaugh	Ref: 73
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. 2020	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. 2021	Birklands West / Clipstone Old Quarter	Ref: 36
61.005	<i>Callophrys rubi</i> <b>Green Hairstreak</b> (Linnaeus, 1758)		
	Sterland	Birklands and Bilhaugh	Ref: 1



## Polyommatainae

61.012	<i>Celastrina argiolus</i> <b>Holly Blue</b> (Linnaeus, 1758)		
	1996	Birklands West / Sherwood Heath	Ref: 170
	1996	Birklands and Bilhaugh / Budby SF	Ref: 170
	1999	Birklands West / Sherwood Heath	Ref: 170
	2003	Birklands West / Sherwood Heath	Ref: 170
	2003	Birklands and Bilhaugh / Budby SF	Ref: 170
	Pendleton, T.A. and Pendleton, D.T. 2004	Birklands West / Clipstone Old Quarter	Ref: 36
	2004	Birklands and Bilhaugh / Budby SF	Ref: 170
	Pendleton, T.A. and Pendleton, D.T. 2005	Birklands West / Clipstone Old Quarter	Ref: 36
	2005	Birklands West / Sherwood Heath	Ref: 170
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Quarter	Ref: 36
	Rogers, R. 2010	Birklands and Bilhaugh / Budby SF	Ref: 71
	Rogers, R. 2014	Birklands and Bilhaugh	Ref: 71
	Rogers, R. 2015	Birklands and Bilhaugh	Ref: 71
	Rogers, R. 2016	Birklands and Bilhaugh	Ref: 71
	Ryder, C. 2017	Birklands and Bilhaugh / Budby SF	Ref: 170
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Quarter	Ref: 36
61.014	<i>Plebeius argus</i> <b>Silver-studded Blue</b> (Linnaeus, 1758)		
	Brameld	Birklands and Bilhaugh	Ref: 1
61.015	<i>Aricia agestis</i> <b>Brown Argus</b> ([Denis & Schiffermüller], 1775)		
	Hursthouse, D. 2003	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. 2021	Birklands West / Sherwood Heath	Ref: 36
61.018	<i>Polyommatus icarus</i> <b>Common Blue</b> (Rottemburg, 1775)		
	White, M.C. 1982	Birklands and Bilhaugh	Ref: 81
	White, M.C. 1982	Birklands and Bilhaugh / Budby SF	Ref: 81
	Harrison, F. 1983	Birklands and Bilhaugh	Ref: 81
	2003	Birklands and Bilhaugh / Budby SF	Ref: 170
	2003	Birklands West / Sherwood Heath	Ref: 170
	2005	Birklands and Bilhaugh / Budby SF	Ref: 170
	2005	Birklands West / Sherwood Heath	Ref: 170
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Case, C. 2017	Birklands and Bilhaugh	Ref: 151
	Hunter, L. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
	Keane, E. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
	Jones, J. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
	Huskisson, D. 2017	Birklands and Bilhaugh / Budby SF	Ref: 79
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. 2021	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. 2021	Birklands and Bilhaugh / Budby SF	Ref: 36

## Pyralidae

### Galleriinae

62.001	<i>Aphomia sociella</i> <b>Bee Moth</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	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. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
62.005	<i>Achroia grisella</i> <b>Lesser Wax Moth</b> (Fabricius, 1794)		

	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
62.006	<i>Galleria mellonella</i> <b>Wax Moth</b> (Linnaeus, 1758) Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
<b>Phycitinae</b>			
62.007	<i>Cryptoblabes bistriga</i> (Haworth, 1811) Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands West / Sherwood Heath	Ref: 36 Ref: 36 Ref: 36
62.011	<i>Ortholepis betulae</i> (Goeze, 1778) Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
62.012	<i>Matilella fusca</i> (Haworth, 1811) Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
62.025	<i>Dioryctria sylvestrella</i> (Ratzeburg, 1840) Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Hursthouse, D. <i>et al</i> 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2013	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 / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 109 Ref: 36 Ref: 36 Ref: 36
62.026	<i>Dioryctria schuetzeella</i> (Fuchs, 1899) Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
62.027	<i>Dioryctria simplicella</i> (Heinemann, 1863) Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 55 Ref: 36 Ref: 36 Ref: 36
62.028	<i>Dioryctria abietella</i> ([Denis & Schiffermüller], 1775) Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
62.029	<i>Phycita roborella</i> ([Denis & Schiffermüller], 1775) Brameld, R.E. Bee, L. and Sterling, M.J. 1982 Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2010 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Hursthouse, D. <i>et al</i> 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2013 Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh 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 Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 57 Ref: 61 Ref: 36 Ref: 109 Ref: 36 Ref: 36 Ref: 109 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 156
62.035	<i>Acrobasis advenella</i> (Zincken, 1818) 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. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2012	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 and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 55 Ref: 36 Ref: 36 Ref: 36 Ref: 109 Ref: 36 Ref: 36 Ref: 36

	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
62.036	<i>Acrobasis suavella</i> (Zincken, 1818) Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
62.037	<i>Acrobasis marmorea</i> (Haworth, 1811) Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
62.038	<i>Acrobasis consociella</i> (Hübner, [1813]) 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. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Hursthouse, D. <i>et al</i> 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2013	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 and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 55 Ref: 36 Ref: 36 Ref: 36 Ref: 109 Ref: 36 Ref: 36 Ref: 36 Ref: 36
62.042	<i>Myelois circumvoluta</i> <b>Thistle Ermine</b> (Fourcroy, 1785) 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
62.048	<i>Euzophera pinguis</i> (Haworth, 1811) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
62.054	<i>Homoeosoma sinuella</i> (Fabricius, 1794) Bee, L. and Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 58 Ref: 36 Ref: 36
62.055	<i>Homoeosoma nebulella</i> ([Denis & Schiffermüller], 1775) Elliott, B. 1996	Birklands and Bilhaugh / Budby SF	Ref: 96
62.057	<i>Phycitodes maritima</i> (Tengström, 1848) Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
62.058	<i>Phycitodes binaevella</i> (Hübner, [1813]) Hursthouse, D. <i>et al</i> 2010 Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 109 Ref: 156
62.068	<i>Cadra calidella</i> <b>Dried Fruit Moth</b> (Guenée, 1845) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
<b>Pyralinae</b>			
62.072	<i>Pyralis farinalis</i> <b>Meal Moth</b> (Linnaeus, 1758) Brameld, R.E. Wright, S. and Osborne, J.E. <i>et al</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
62.074	<i>Aglossa pinguinalis</i> <b>Large Tabby</b> (Linnaeus, 1758) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
62.075	<i>Hypsopygia costalis</i> <b>Gold Triangle</b> (Fabricius, 1775) Bee, L. and Sterling, M.J. 1983 Bee, L. and Parrack, J.D. 1987 Wright, S. and Osborne, J.E. <i>et al</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Budworth, D. <i>et al</i> 2009 Hursthouse, D. <i>et al</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Hursthouse, D. <i>et al</i> 2011 Pendleton, T.A. and Pendleton, D.T. 2013	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 West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 58 Ref: 61 Ref: 96 Ref: 55 Ref: 120 Ref: 109 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 109 Ref: 36

62.076	<i>Hypsopygia glaucinalis</i> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
62.077	<i>Endotricha flammealis</i> ([Denis & Schiffermüller], 1775)		
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
	Wright, S. and Osborne, J.E. <i>et al</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	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 and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

## Crambidae

### Pyraustinae

63.007	<i>Pyrausta purpuralis</i> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
63.018	<i>Anania coronata</i> (Hufnagel, 1767)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
63.022	<i>Anania crocealis</i> (Hübner, 1796)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
63.025	<i>Anania hortulata</i> <b>Small Magpie</b> (Linnaeus, 1758)		
	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>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

### Spilomelinae

63.031	<i>Udea ferrugalis</i> <b>Rusty Dot Pearl</b> (Hübner, 1796)		
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Elliott, B. 1996	Birklands and Bilhaugh / Budby SF	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36

	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
63.033	<i>Udea lutealis</i> (Hübner, [1809])		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Batty, J. 1858	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
	Hursthouse, D. 2009	Birklands and Bilhaugh / Budby SF	Ref: 98
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
63.034	<i>Udea prunalis</i> ([Denis & Schiffermüller], 1775)		
	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. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
63.036	<i>Udea decrepitalis</i> (Herrich-Schäffer, 1848)		
	Finch, G. and Finch, A. 2003	Birklands West and Ollerton Corner	Ref: 135
63.037	<i>Udea olivalis</i> ([Denis & Schiffermüller], 1775)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
63.038	<i>Pleuroptya ruralis</i> <b>Mother of Pearl</b> (Scopoli, 1763)		
	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 West / Clipstone Old Qtr	Ref: 36
	Wright, S. and Osborne, J.E. <i>et al</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	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 / Budby SF	Ref: 36
	Hursthouse, D. <i>et al</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	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
63.052	<i>Nomophila noctuella</i> <b>Rush Veneer</b> ([Denis & Schiffermüller], 1775)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh / Budby SF	Ref: 36
	Elliott, B. 2006	Birklands and Bilhaugh / Budby SF	Ref: 96
	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

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36

### Glaphyriinae

63.057	<i>Evergestis forficalis</i> <b>Garden Pebble</b> (Linnaeus, 1758)		
	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
63.060	<i>Evergestis pallidata</i> (Hufnagel, 1767)		
	Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 51

### Scopariinae

63.062	<i>Scoparia subfusca</i> (Haworth, 1811)		
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
63.063	<i>Scoparia basistrigalis</i> (Knaggs, 1866)		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
63.064	<i>Scoparia ambigualis</i> (Treitschke, 1829)		
	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. 2007	Birklands and Bilhaugh	Ref: 36
	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
	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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West and Ollerton Corner	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36

	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36
63.066	<i>Scoparia pyralella</i> ([Denis & Schiffermüller], 1775)		
	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
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
63.067	<i>Eudonia lacustrata</i> (Panzer, 1804)		
	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
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
63.069	<i>Eudonia angustea</i> (Curtis, 1827)		
	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
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
63.071	<i>Eudonia lineola</i> (Curtis, 1827)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
63.073	<i>Eudonia truncicolella</i> (Stainton, 1849)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Dennis, G. and Simmons, C.W.	Birklands and Bilhaugh	Ref: 1
	Porritt, G.T. 1894	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. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156

63.074	<i>Eudonia mercurella</i> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	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. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
<b>Crambinae</b>			
63.077	<i>Chilo phragmitella</i> (Hübner, [1810])		
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
63.080	<i>Chrysoteuchia culmella</i> (Linnaeus, 1758)		
	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
	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>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Beeley, G. 2014	Birklands and Bilhaugh	Ref: 140
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
63.081	<i>Crambus pascuella</i> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliott, B. 1996	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. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
63.085	<i>Crambus pratella</i> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
63.086	<i>Crambus lathoniellus</i> (Zincken, 1817)		
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36
63.087	<i>Crambus hamella</i> (Thunberg, 1788)		
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Elliott, B. 1996	Birklands and Bilhaugh / Budby SF	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36



	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
63.088	<i>Crambus perlella</i> (Scopoli, 1763)		
	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>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
63.089	<i>Agriphila tristella</i> ([Denis & Schiffermüller], 1775)		
	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 / 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	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
63.090	<i>Agriphila inquinatella</i> ([Denis & Schiffermüller], 1775)		
	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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156

	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
63.091	<i>Agriphila latistria</i> (Haworth, 1811)		
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
63.092	<i>Agriphila selasella</i> (Hübner, [1813])		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
63.093	<i>Agriphila straminella</i> ([Denis & Schiffermüller], 1775)		
	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. 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
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 128
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West and Ollerton Corner	Ref: 36
63.095	<i>Agriphila geniculea</i> (Haworth, 1811)		
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
63.099	<i>Catoptria pinella</i> (Linnaeus, 1758)		
	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
	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>et al</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. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
63.100	<i>Catoptria margaritella</i> ([Denis & Schiffermüller], 1775)		

	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
63.102	<i>Catoptria falsella</i> ([Denis & Schiffermüller], 1775)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36

### Acentropinae

63.114	<i>Elophila nymphaeata</i> <b>Brown China-mark</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
63.115	<i>Acentria ephemerella</i> <b>Water Veneer</b> ([Denis & Schiffermüller], 1775)		
	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
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
63.116	<i>Cataclysta lemnata</i> <b>Small China-mark</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
63.118	<i>Nymphula nitidulata</i> <b>Beautiful China-mark</b> (Hufnagel, 1767)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

### Schoenobiinae

63.121	<i>Donacaula forficella</i> (Thunberg, 1794)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

## Drepanidae

### Drepaninae

65.001	<i>Falcaria lacertinaria</i> <b>Scalloped Hook-tip</b> (Linnaeus, 1758)		
	Batty, J. 1858	Birklands and Bilhaugh	Ref: 1
	Sterling, M.J. 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	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. 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
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Finch, G. and Finch, A. 2004	Birklands West and Ollerton Corner	Ref: 135
	Wright, S. and Osborne, J.E. <i>et al</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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109

	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
65.002	<b><i>Watsonalla binaria</i> Oak Hook-tip</b> (Hufnagel, 1767)		
	Daws, J.W. 1918	Birklands and Bilhaugh	Ref: 10
	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
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
65.003	<b><i>Watsonalla cultraria</i> Barred Hook-tip</b> (Fabricius, 1775)		
	Wright, S. and Osborne, J.E. 2008	Birklands West and Ollerton Corner	Ref: 103
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Wright, S. and Osborne, J.E. 2018	Birklands and Bilhaugh / Budby SF	Ref: 147
65.005	<b><i>Drepana falcata</i> Pebble Hook-tip</b> (Linnaeus, 1758)		
	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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 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>et al</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36

65.007 *Cilix glaucata* **Chinese Character** (Scopoli, 1763)

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
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
Bee, L. 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
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156

**Thyatirinae**

65.008 *Thyatira batis* **Peach Blossom** (Linnaeus, 1758)

Sterland	Birklands and Bilhaugh	Ref: 1
Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
Bee, L. 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
Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

65.009 *Habrosyne pyritoides* **Buff Arches** (Hufnagel, 1766)

Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 1
Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 88
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 135
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 55
Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 36
Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 115
Hursthouse, D. <i>et al</i> 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Hursthouse, D. <i>et al</i> 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Baker, P. Harte, K. and Leach, L. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
	Birklands and Bilhaugh / Budby SF	Ref: 156

65.010 *Tethea ocularis* **Figure of Eighty** (Linnaeus, 1767)

Sterland	Birklands and Bilhaugh	Ref: 1
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65.011	<i>Tethea or Poplar Lutestring</i> ([Denis & Schiffermüller], 1775) Sterland	Birklands and Bilhaugh	Ref: 1
65.013	<i>Ochropacha duplaris</i> <b>Common Lutestring</b> (Linnaeus, 1761) 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 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Bee, L. 1989 Bee, L. 1990 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>et al</i> 2009 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2014 Baker, P. Harte, K. and Leach, L. 2015 Baker, P. Harte, K. and Leach, L. 2016	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 / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 81 Ref: 81 Ref: 81 Ref: 81 Ref: 57 Ref: 58 Ref: 81 Ref: 60 Ref: 63 Ref: 61 Ref: 62 Ref: 68 Ref: 68 Ref: 55 Ref: 36 Ref: 109 Ref: 36 Ref: 36 Ref: 109 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 156 Ref: 156
65.014	<i>Cymatophorima diluta</i> <b>Oak Lutestring</b> ([Denis & Schiffermüller], 1775)  Elliot, B. 1981 Bee, L. and Sterling, M.J. 1982 Statham, B. 1983 Skinner, B. 1984 Bee, L. 1990	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 57 Ref: 81 Ref: 50 Ref: 68
65.015	<i>Polyploca ridens</i> <b>Frosted Green</b> (Fabricius, 1787) Sterland 1956 1964 1968 Bee, L. and Sterling, M.J. 1982 Braddock, A. 1982 Statham, B. 1983 Young, D.A. 1983 Bee, L. and Parrack, J.D. 1987 Elliott, B. Budworth, D. and Travers-Ayre, I. 1995 Wright, S. and Osborne, J.E. 2003 Wright, S. Osborne, J.E. and Fox, D.G. 2004 Wright, S. Osborne, J.E. and Howat, C. 2005 Wright, S. and Osborne, J.E. 2008 Wright, S. and Osborne, J.E. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Joynt, G. Pendleton, T.A. and Pendleton, D.T. 2010 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2011 Hursthouse, D. <i>et al</i> 2011 Wright, S. and Osborne, J.E. 2014	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 / Buck Gates Birklands and Bilhaugh / Buck Gates Birklands and Bilhaugh / Buck Gates Birklands West and Ollerton Corner Birklands West / Clipstone Old Quarter Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 52 Ref: 52 Ref: 52 Ref: 57 Ref: 81 Ref: 81 Ref: 81 Ref: 61 Ref: 96 Ref: 82 Ref: 83 Ref: 84 Ref: 103 Ref: 103 Ref: 36 Ref: 73 Ref: 109 Ref: 36 Ref: 36 Ref: 109 Ref: 137

Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Wright, S. and Osborne, J.E. 2016	Birklands and Bilhaugh / Budby SF	Ref: 145
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

65.016 *Achlya flavicornis* **Yellow Horned** (Linnaeus, 1758)

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
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
Bee, L. 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>et al</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>et al</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
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Wright, S. and Osborne, J.E. 2014	Birklands West / Clipstone Old Qtr	Ref: 137
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

## Lasiocampidae

### Poecilocampinae

66.001 *Poecilocampa populi* **December Moth** (Linnaeus, 1758)

Porritt, G.T.	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
Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36

66.002 *Trichiura crataegi* **Pale Eggar** (Linnaeus, 1758)

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
Sterling, M.J. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81

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: 68
Bee, L. 1990	Birklands and Bilhaugh	Ref: 68

### Malacosomatinae

66.003	<i>Malacosoma neustria</i> <b>Lackey</b> (Linnaeus, 1758)		
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81

### Lasiocampinae

66.005	<i>Eriogaster lanestris</i> <b>Small Eggar</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	1916	Birklands and Bilhaugh	Ref: 1
66.006	<i>Lasiocampa trifoli</i> <b>Grass Eggar</b> ([Denis & Schiffermüller], 1775)		
	Sterland	Birklands and Bilhaugh	Ref: 1
66.007	<i>Lasiocampa quercus</i> <b>Oak Eggar</b> (Linnaeus, 1758)		
	Sterland, Brameld, R.E. and Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
	Wright, S. and Osborne, J.E. 2009	Birklands West / Clipstone Old Qtr	Ref: 121
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
66.008	<i>Macrothylacia rubi</i> <b>Fox Moth</b> (Linnaeus, 1758)		
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Hardy, J.R. 1896	Birklands and Bilhaugh	Ref: 1

### Pinarinae

66.010	<i>Euthrix potatitia</i> <b>Drinker</b> (Linnaeus, 1758)		
	Sterland, Brameld, R.E. and Hardy, J.R.	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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Binding, A. 1999	Birklands and Bilhaugh	Ref: 79
	Wright, S. and Osborne, J.E. <i>et al</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 West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	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
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
66.012	<i>Gastropacha quercifolia</i> <b>Lappet</b> (Linnaeus, 1758)		
	Sterland	Birklands and Bilhaugh	Ref: 1

### Saturniidae

#### Saturniinae



68.001	<i>Saturnia pavonia</i> <b>Emperor Moth</b> (Linnaeus, 1758) Sterland and Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
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## Sphingidae

### Smerinthinae

69.001	<i>Mimas tiliae</i> <b>Lime Hawk-moth</b> (Linnaeus, 1758) Sterling, M.J. 1983 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>et al</i> 2010 Hursthouse, D. <i>et al</i> 2011 Baker, P. Harte, K. and Leach, L. 2016 Pendleton, T.A. and Pendleton, D.T. 2017	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	Ref: 81 Ref: 36 Ref: 36 Ref: 109 Ref: 109 Ref: 156 Ref: 36
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69.002	<i>Smerinthus ocellata</i> <b>Eyed Hawk-moth</b> (Linnaeus, 1758) 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
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69.003	<i>Laothoe populi</i> <b>Poplar Hawk-moth</b> (Linnaeus, 1758) Bee, L. and Parrack, J.D. 1988 Bee, L. 1990 Finch, G. and Finch, A. 2003 Pendleton, T.A. and Pendleton, D.T. 2007 Wright, S. and Osborne, J.E. <i>et al</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Hursthouse, D. <i>et al</i> 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands West / Clipstone Old Qtr Birklands West and Ollerton Corner Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 62 Ref: 68 Ref: 135 Ref: 36 Ref: 96 Ref: 55 Ref: 36 Ref: 109 Ref: 36 Ref: 109 Ref: 36 Ref: 36 Ref: 36
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### Sphinginae

69.006	<i>Sphinx ligustri</i> <b>Privet Hawk-moth</b> (Linnaeus, 1758) Talbot, W. 1859 Brameld, R.E.	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1
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69.007	<i>Sphinx pinastri</i> <b>Pine Hawk-moth</b> (Linnaeus, 1758) Pendleton, T.A. and Pendleton, D.T. 2006 Wright, S. and Osborne, J.E. <i>et al</i> 2006 Wright, S. and Osborne, J.E. <i>et al</i> 2007 Wright, S. and Osborne, J.E. <i>et al</i> 2007 Wright, S. and Osborne, J.E. 2008 Hursthouse, D. <i>et al</i> 2009 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Hursthouse, D. <i>et al</i> 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2014 Baker, P. Harte, K. and Leach, L. 2015 Wright, S. and Osborne, J.E. 2015 Baker, P. Harte, K. and Leach, L. 2016	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 Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr 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 / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 36 Ref: 85 Ref: 96 Ref: 86 Ref: 103 Ref: 109 Ref: 109 Ref: 36 Ref: 36 Ref: 109 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 156 Ref: 138 Ref: 156
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### Macroglossinae

69.009	<i>Hemaris fuciformis</i> <b>Broad-bordered Bee Hawk-moth</b> (Linnaeus, 1758) Pendleton, T.A. 2021 Pendleton, T.A. 2021 Pendleton, T.A. 2022 Brownley, N. and Brownley, S. 2022	Birklands West / Clipstone Old Qtr Birklands West / Sherwood Heath Birklands West / Clipstone Old Qtr Birklands West and Ollerton Corner	Ref: 36 Ref: 36 Ref: 36 Ref: 157
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	Brownley, N. and Brownley, S. 2022	Birklands West / Clipstone Old Quarter	Ref: 157
	Brownley, N. and Brownley, S. 2022	Birklands and Bilhaugh	Ref: 157
69.010	<i>Macroglossum stellatarum</i> <b>Hummingbird Hawk-moth</b> (Linnaeus, 1758) Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
69.014	<i>Hyles galii</i> <b>Bedstraw Hawk-moth</b> (Rottemburg, 1775) Sterland Pendleton, T.A. and Pendleton, D.T. 2004	Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 36
69.016	<i>Deilephila elpenor</i> <b>Elephant Hawk-moth</b> (Linnaeus, 1758) 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 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2013	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 West / Clipstone Old Qtr Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 88 Ref: 36 Ref: 36 Ref: 55 Ref: 36 Ref: 109 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
69.017	<i>Deilephila porcellius</i> <b>Small Elephant Hawk-moth</b> (Linnaeus, 1758) Porrirt, G.T. 1871 Between 1961 and 1969 Wright, S. and Osborne, J.E. <i>et al</i> 2006 Wright, S. and Osborne, J.E. <i>et al</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Hursthouse, D. <i>et al</i> 2011 Wright, S. and Osborne, J.E. 2014 Wright, S. and Osborne, J.E. 2018	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Sherwood Heath Birklands West / Sherwood Heath Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 19 Ref: 85 Ref: 86 Ref: 55 Ref: 109 Ref: 36 Ref: 109 Ref: 137 Ref: 147

## Geometridae

### Sterrhinae

70.005	<i>Idaea dilutaria</i> <b>Silky Wave</b> (Hübner, [1799]) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
70.008	<i>Idaea seriata</i> <b>Small Dusty Wave</b> (Schränk, 1802) 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 Bee, L. and Parrack, J.D. 1988 Bee, L. 1989 Bee, L. 1990 Pendleton, T.A. and Pendleton, D.T. 2013	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: 68 Ref: 68 Ref: 36
70.011	<i>Idaea dimidiata</i> <b>Single-dotted Wave</b> (Hufnagel, 1767) 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 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Bee, L. 1989 Bee, L. 1990 Wright, S. and Osborne, J.E. <i>et al</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>et al</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 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: 61 Ref: 62 Ref: 68 Ref: 68 Ref: 96 Ref: 55 Ref: 36 Ref: 109

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West and Ollerton Corner	Ref: 36
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

70.013 *Idaea biselata* **Small Fan-footed Wave** (Hufnagel, 1767)

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
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
Finch, G. and Finch, A. 1987	Birklands and Bilhaugh	Ref: 135
Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
Wright, S. and Osborne, J.E. <i>et al</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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

70.015 *Idaea emarginata* **Small Scallop** (Linnaeus, 1758)

Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
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70.016 *Idaea aversata* **Riband Wave** (Linnaeus, 1758)

Sterland and Brameld, R.E.	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
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
Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
Finch, G. and Finch, A. 1987	Birklands and Bilhaugh	Ref: 135
Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
Binding, A. 1999	Birklands and Bilhaugh	Ref: 79
Wright, S. and Osborne, J.E. <i>et al</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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.018	<i>Idaea straminata</i> <b>Plain Wave</b> (Borkhausen, 1794)		
	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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	Bee, L. 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>et al</i> 2007	Birklands West / Clipstone Old Qtr	Ref: 86
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Wright, S. and Osborne, J.E. 2015	Birklands and Bilhaugh / Budby SF	Ref: 138
	Wright, S. and Osborne, J.E. 2016	Birklands and Bilhaugh / Budby SF	Ref: 145
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.024	<i>Scopula imitaria</i> <b>Small Blood-vein</b> (Hübner, [1799])		
	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. 1988	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
70.025	<i>Scopula immutata</i> <b>Lesser Cream Wave</b> (Linnaeus, 1758)		
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
70.026	<i>Scopula ternata</i> <b>Smoky Wave</b> (Schrank, 1802)		
	Sterland	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
70.027	<i>Scopula floslactata</i> <b>Cream Wave</b> (Haworth, 1809)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61

	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>et al</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
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Wright, S. and Osborne, J.E. 2014	Birklands West / Clipstone Old Qtr	Ref: 137
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.029	<i>Timandra comae</i> <b>Blood-vein</b> (Schmidt, 1931)		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
70.030	<i>Cyclophora pendularia</i> <b>Dingy Mocha</b> (Clerck, 1759)		
	Sterland	Birklands and Bilhaugh	Ref: 1
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Porritt, G.T. 1871	Birklands and Bilhaugh	Ref: 1
	1899	Birklands and Bilhaugh	Ref: 1
70.031	<i>Cyclophora annularia</i> <b>Mocha</b> (Fabricius, 1775)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
70.035	<i>Cyclophora porata</i> <b>False Mocha</b> (Linnaeus, 1767)		
	Ray, J.	Birklands and Bilhaugh	Ref: 1
70.036	<i>Cyclophora punctaria</i> <b>Maiden's Blush</b> (Linnaeus, 1758)		
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Porritt, G.T. 1871	Birklands and Bilhaugh	Ref: 1
	Madden, G.C.R. 1872	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
	Sterling, M.J. 1982	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: 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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 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. 2005	Birklands West / Sherwood Heath	Ref: 84
	Wright, S. and Osborne, J.E. <i>et al</i> 2006	Birklands West / Sherwood Heath	Ref: 85
	Wright, S. and Osborne, J.E. <i>et al</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36

	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Wright, S. and Osborne, J.E. 2014	Birklands West / Clipstone Old Qtr	Ref: 137
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	McGeever, D. 2014	Birklands and Bilhaugh / Budby SF	Ref: 137
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Wright, S. and Osborne, J.E. 2018	Birklands and Bilhaugh / Budby SF	Ref: 147
70.037	<i>Cyclophora linearia</i> <b>Clay Triple-lines</b> (Hübner, [1799])		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	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
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
<b>Larentiinae</b>			
70.040	<i>Scotopteryx mucronata</i> <b>Lead Belle</b> (Heydemann, 1925)		
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
70.041	<i>Scotopteryx luridata</i> <b>July Belle</b> (Fabricius, 1775)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Porritt, G.T. 1871	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
70.043	<i>Scotopteryx bipunctaria</i> <b>Chalk Carpet</b> (Prout, 1937)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
70.045	<i>Scotopteryx chenopodiata</i> <b>Shaded Broad-bar</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
70.046	<i>Orthonama vittata</i> <b>Oblique Carpet</b> (Borkhausen, 1794)		
	Sterland	Birklands and Bilhaugh	Ref: 1
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
70.049	<i>Xanthorhoe fluctuata</i> <b>Garden Carpet</b> (Linnaeus, 1758)		
	Elliot, B. 1981	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
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. 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
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109

	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.051	<i>Xanthorhoe spadicearia</i> <b>Red Twin-spot Carpet</b> ([Denis & Schiffermüller], 1775)		
	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
70.052	<i>Xanthorhoe ferrugata</i> <b>Dark-barred Twin-spot Carpet</b> (Clerck, 1759)		
	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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
70.053	<i>Xanthorhoe designata</i> <b>Flame Carpet</b> (Hufnagel, 1767)		
	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
	Finch, G. and Finch, A. 2003	Birklands West and Ollerston Corner	Ref: 135
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
70.054	<i>Xanthorhoe montanata</i> <b>Silver-ground Carpet</b> ([Denis & Schiffermüller], 1775)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Finch, G. and Finch, A. 2003	Birklands West and Ollerston Corner	Ref: 135

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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36

70.055 *Xanthorhoe quadrifasiata* **Large Twin-spot Carpet** (Clerck, 1759)

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
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
Finch, G. and Finch, A. 1987	Birklands and Bilhaugh	Ref: 135
Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
Bee, L. 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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

70.059 *Campogramma bilineata* **Yellow Shell** (Linnaeus, 1758)

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
Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
Wright, S. and Osborne, J.E. <i>et al</i> 2007	Birklands West and Ollerton Corner	Ref: 96
Hursthouse, D. <i>et al</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. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36



70.061	<i>Epirrhoe alternata</i> <b>Common Carpet</b> (Müller, 1764)		
	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
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Finch, G. and Finch, A. 1987	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
	Wright, S. and Osborne, J.E. <i>et al</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Baker, P. 2007	Birklands and Bilhaugh / Budby SF	Ref: 96
	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
	Hursthouse, D. <i>et al</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 West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
70.062	<i>Epirrhoe rivata</i> <b>Wood Carpet</b> (Hübner, [1813])		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
70.063	<i>Epirrhoe galiata</i> <b>Galium Carpet</b> ([Denis & Schiffermüller], 1775)		
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
70.066	<i>Earophila badiata</i> <b>Shoulder-stripe</b> ([Denis & Schiffermüller], 1775)		
	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. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 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
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
70.067	<i>Anticlea derivata</i> <b>Streamer</b> ([Denis & Schiffermüller], 1775)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

	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>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
70.068	<i>Mesoleuca albicillata</i> <b>Beautiful Carpet</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	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
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>et al</i> 2006	Birklands West / Clipstone Old Qtr	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
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
70.069	<i>Pelurga comitata</i> <b>Dark Spinach</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
70.070	<i>Larentia clavaria</i> <b>Mallow</b> (Haworth, 1809)		
	Elliott, B. 1997	Birklands and Bilhaugh / Budby SF	Ref: 96
70.074	<i>Hydriomena furcata</i> <b>July Highflyer</b> (Thunberg, 1784)		
	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
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
70.075	<i>Hydriomena impluviata</i> <b>May Highflyer</b> ([Denis & Schiffermüller], 1775)		
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
70.077	<i>Pennithera firmata</i> <b>Pine Carpet</b> (Hübner, [1822])		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harman, T.W. 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
	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>et al</i> 2009	Birklands and Bilhaugh	Ref: 109
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36

	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.079	<i>Thera britannica</i> <b>Spruce Carpet</b> (Turner, 1925)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
70.081	<i>Thera obeliscata</i> <b>Grey Pine Carpet</b> (Hübner, [1787])		
	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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	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
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.082	<i>Thera juniperata</i> <b>Juniper Carpet</b> (Linnaeus, 1758)		
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
70.084	<i>Plemyria rubiginata</i> <b>Blue-bordered Carpet</b> ([Denis & Schiffermüller], 1775)		
	Sterland	Birklands and Bilhaugh	Ref: 1
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
70.085	<i>Cidaria fulvata</i> <b>Barred Yellow</b> (Forster, 1771)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
70.086	<i>Electrophaes corylata</i> <b>Broken-barred Carpet</b> (Thunberg, 1792)		
	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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
<b>70.087</b>	<b><i>Cosmorhoe ocellata</i> Purple Bar (Linnaeus, 1758)</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
	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
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</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>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>70.089</b>	<b><i>Eulithis prunata</i> Phoenix (Linnaeus, 1758)</b>		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
<b>70.090</b>	<b><i>Eulithis testata</i> Chevron (Linnaeus, 1761)</b>		
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Hall and Batty 1890	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
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Pendleton, T.A. and Pendleton, D.T. 2007	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>70.091</b>	<b><i>Eulithis populata</i> Northern Spinach (Linnaeus, 1758)</b>		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81

70.092	<i>Eulithis mellinata</i> <b>Spinach</b> (Fabricius, 1787)		
	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
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Finch, G. and Finch, A. 1987	Birklands and Bilhaugh	Ref: 135
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
70.093	<i>Gandaritis pyraliata</i> <b>Barred Straw</b> ((Denis & Schiffermüller), 1775)		
	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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
70.094	<i>Ecliptopera silaceata</i> <b>Small Phoenix</b> ((Denis & Schiffermüller), 1775)		
	Brameld, R.E.	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
	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
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 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>et al</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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.095	<i>Chloroclysta siterata</i> <b>Red-green Carpet</b> (Hufnagel, 1767)		
	Sterland	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Wright, S. and Osborne, J.E. 2004	Birklands and Bilhaugh / Budby SF	Ref: 83
	Wright, S. and Osborne, J.E. 2004	Birklands and Bilhaugh / Buck Gates	Ref: 83
	Finch, G. and Finch, A. 2004	Birklands West and Ollerton Corner	Ref: 135
	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
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36

	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
70.096	<i>Chloroclysta miata</i> <b>Autumn Green Carpet</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Finch, G. Finch, A. Statham, B.L. and Statham, M. 2004	Birklands West and Ollerton Corner	Ref: 83
	Wright, S. and Osborne, J.E. 2008	Birklands West and Ollerton Corner	Ref: 103
70.097	<i>Dysstroma truncata</i> <b>Common Marbled Carpet</b> (Hufnagel, 1767)		
	Harrison, F. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. and Statham, 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 Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Finch, G. and Finch, A. 1985	Birklands and Bilhaugh	Ref: 135
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 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
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 109
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.098	<i>Dysstroma citrata</i> <b>Dark Marbled Carpet</b> (Linnaeus, 1761)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Tillotson, I. 1986		Ref: 63
	Bee, L. 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. 2010	Birklands and Bilhaugh	Ref: 36
70.100	<i>Colostygia pectinataria</i> <b>Green Carpet</b> (Knoch, 1781)		
	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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 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  
Wright, S. and Osborne, J.E. *et al* 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  
Budworth, D. *et al* 2009  
Hursthouse, D. *et al* 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2010  
Hursthouse, D. *et al* 2010  
Pendleton, T.A. and Pendleton, D.T. 2010  
Joynt, G. Pendleton, T.A. Pendleton, D.T. *et al* 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Hursthouse, D. *et al* 2011  
Pendleton, T.A. and Pendleton, D.T. 2012  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2013  
Baker, P. Harte, K. and Leach, L. 2015  
Baker, P. Harte, K. and Leach, L. 2016  
Pendleton, T.A. and Pendleton, D.T. 2016

Birklands and Bilhaugh Ref: 36  
Birklands West and Ollerton Corner Ref: 96  
Birklands and Bilhaugh Ref: 55  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 120  
Birklands and Bilhaugh / Budby SF Ref: 109  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh / Budby SF Ref: 109  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 115  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 119  
Birklands and Bilhaugh / Budby SF Ref: 109  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 156  
Birklands and Bilhaugh / Budby SF Ref: 156  
Birklands West / Clipstone Old Qtr Ref: 36

70.101 *Colostygia multistrigaria* **Mottled Grey** (Haworth, 1809)

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  
Bee, L. and Parrack, J.D. 1987  
Bee, L. and Parrack, J.D. 1988  
Bee, L. 1989  
Bee, L. 1990  
Wright, S. and Osborne, J.E. 2003  
Wright, S. Osborne, J.E. and Fox, D.G. 2004  
Wright, S. and Osborne, J.E. *et al* 2005  
Wright, S. and Osborne, J.E. 2007  
Pendleton, T.A. and Pendleton, D.T. 2009  
Hursthouse, D. *et al* 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Hursthouse, D. *et al* 2011  
Pendleton, T.A. and Pendleton, D.T. 2012  
Hursthouse, D. *et al* 2012  
Baker, P. Harte, K. and Leach, L. 2015  
Baker, P. Harte, K. and Leach, L. 2016

Birklands and Bilhaugh Ref: 57  
Birklands and Bilhaugh Ref: 81  
Birklands and Bilhaugh Ref: 81  
Birklands and Bilhaugh Ref: 59  
Birklands and Bilhaugh Ref: 60  
Birklands and Bilhaugh Ref: 63  
Birklands and Bilhaugh Ref: 61  
Birklands and Bilhaugh Ref: 62  
Birklands and Bilhaugh Ref: 68  
Birklands and Bilhaugh Ref: 68  
Birklands and Bilhaugh / Proteus Sq Ref: 82  
Birklands and Bilhaugh / Buck Gates Ref: 83  
Birklands and Bilhaugh / Buck Gates Ref: 84  
Birklands West and Ollerton Corner Ref: 86  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 109  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 109  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 109  
Birklands and Bilhaugh / Budby SF Ref: 156  
Birklands and Bilhaugh / Budby SF Ref: 156

70.103 *Lampropteryx suffumata* **Water Carpet** ([Denis & Schiffermüller], 1775)

Brameld, R.E.  
Bee, L and Riley, A.M. 1985  
Tillotson, I. 1986  
Bee, L. and Parrack, J.D. 1987  
Bee, L. and Parrack, J.D. 1988  
Bee, L. 1990  
Elliott, B. Budworth, D. and Travers-Ayre, I. 1995  
Finch, G. and Finch, A. 2004  
Pendleton, T.A. and Pendleton, D.T. 2009  
Pendleton, T.A. and Pendleton, D.T. 2010  
Hursthouse, D. *et al* 2010  
Pendleton, T.A. and Pendleton, D.T. 2011  
Pendleton, T.A. and Pendleton, D.T. 2011  
Hursthouse, D. *et al* 2011  
Pendleton, T.A. and Pendleton, D.T. 2013  
Pendleton, T.A. and Pendleton, D.T. 2014

Birklands and Bilhaugh Ref: 1  
Birklands and Bilhaugh Ref: 60  
Birklands and Bilhaugh Ref: 63  
Birklands and Bilhaugh Ref: 61  
Birklands and Bilhaugh Ref: 62  
Birklands and Bilhaugh Ref: 68  
Birklands and Bilhaugh Ref: 96  
Birklands West and Ollerton Corner Ref: 135  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 109  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands and Bilhaugh Ref: 36  
Birklands and Bilhaugh / Budby SF Ref: 109  
Birklands West / Clipstone Old Qtr Ref: 36  
Birklands West / Clipstone Old Qtr Ref: 36

	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.104	<i>Lampropteryx otagiata</i> <b>Devon Carpet</b> (Metcalf, 1917)		
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
70.105	<i>Operophtera fagata</i> <b>Northern Winter Moth</b> (Scharfenberg, 1805)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
70.106	<i>Operophtera brumata</i> <b>Winter Moth</b> (Linnaeus, 1758)		
	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
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
70.107	<i>Epirrita dilutata</i> <b>November Moth</b> ([Denis & Schiffmüller], 1775)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 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: 55
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
70.108	<i>Epirrita christyi</i> <b>Pale November Moth</b> (Allen, 1906)		
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
70.109	<i>Epirrita autumnata</i> <b>Autumnal Moth</b> (Borkhausen, 1794)		
	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
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. 2006	Birklands West and Ollerton Corner	Ref: 85



70.110	<i>Epirrita filigrammaria</i> <b>Small Autumnal Moth</b> (Herrich-Schäffer, 1846) Sterland Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 61
70.111	<i>Asthena albulata</i> <b>Small White Wave</b> (Hufnagel, 1767) Sterland and Brameld, R.E. Baker, P.S. Leach, I. and Harte, K. 2015	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 138
70.112	<i>Euchoeca nebulata</i> <b>Dingy Shell</b> (Scopoli, 1763) Tillotson, I. 1986 Bee, L. 1989 Wright, S. and Osborne, J.E. 2008 Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands and Bilhaugh	Ref: 68 Ref: 68 Ref: 103 Ref: 115
70.114	<i>Hydrelia flammeolaria</i> <b>Small Yellow Wave</b> (Hufnagel, 1767) Brameld, R.E. Wright, S. and Osborne, J.E. <i>et al</i> 2006 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2014 Baker, P. Harte, K. and Leach, L. 2015 Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh Birklands West / Sherwood Heath Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 85 Ref: 109 Ref: 36 Ref: 156 Ref: 156
70.115	<i>Venusia cambrica</i> <b>Welsh Wave</b> (Curtis, 1839) Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
70.119	<i>Philereme transversata</i> <b>Dark Umber</b> (Hufnagel, 1767) Sterland Bee, L. and Riley, A.M. 1985 Tillotson, I. 1986 Bee, L. and Parrack, J.D. 1987 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 60 Ref: 63 Ref: 61 Ref: 36
70.121	<i>Hydria undulata</i> <b>Scallop Shell</b> (Linnaeus, 1758) Sterland Brameld, R.E.	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1
70.122	<i>Hydria cervinalis</i> <b>Scarce Tissue</b> (Scopoli, 1763) Sterland Brameld, R.E.	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 1
70.123	<i>Triphosa dubitata</i> <b>Tissue</b> (Linnaeus, 1758) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
70.130	<i>Odezia atrata</i> <b>Chimney Sweeper</b> (Linnaeus, 1758) Brameld, R.E. Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh	Ref: 1 Ref: 36 Ref: 36
70.132	<i>Perizoma affinitata</i> <b>Rivulet</b> (Stephens, 1831) Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 115 Ref: 36 Ref: 36 Ref: 156
70.133	<i>Perizoma alchemillata</i> <b>Small Rivulet</b> (Linnaeus, 1758) Brameld, R.E. Harrison, F. 1967 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 Finch, G. and Finch, A. 1986 Finch, G. and Finch, A. 1987	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	Ref: 1 Ref: 81 Ref: 81 Ref: 57 Ref: 58 Ref: 60 Ref: 63 Ref: 88 Ref: 135 Ref: 135

	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>et al</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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.134	<i>Perizoma bifasciata</i> <b>Barred Rivulet</b> (Haworth, 1809)		
	Wright, S. and Osborne, J.E. 2008	Birklands West and Ollerton Corner	Ref: 103
70.137	<i>Perizoma albulata</i> <b>Grass Rivulet</b> ([Denis & Schiffermüller], 1775)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.138	<i>Perizoma flavofasciata</i> <b>Sandy Carpet</b> (Thunberg, 1792)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. 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>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.141	<i>Gymnoscelis rufifasciata</i> <b>Double-striped Pug</b> (Haworth, 1809)		
	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
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Finch, G. and Finch, A. 2004	Birklands West and Ollerton Corner	Ref: 135
	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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Joynt, G. Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2012	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
70.142	<i>Chloroclystis v-ata</i> <b>V-Pug</b> (Haworth, 1809)		

	Elliott, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	Elliott, B. 1996	Birklands and Bilhaugh / Budby SF	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.143	<i>Pasiphila chloerata</i> <b>Sloe Pug</b> (Mabille, 1870)		
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
70.144	<i>Pasiphila rectangularata</i> <b>Green Pug</b> (Linnaeus, 1758)		
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.147	<i>Eupithecia tenuiata</i> <b>Slender Pug</b> (Hübner, [1813])		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
70.148	<i>Eupithecia inturbata</i> <b>Maple Pug</b> (Hübner, [1817])		
	Wright, S. and Osborne, J.E. <i>etal</i> 2007	Birklands West and Ollerton Corner	Ref: 96
70.151	<i>Eupithecia pulchellata</i> <b>Foxglove Pug</b> (Stephens, 1831)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Porritt, G.T. 1871	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
	Bee, L. 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. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.155	<i>Eupithecia venosata</i> <b>Netted Pug</b> (Fabricius, 1787)		
	Sterland	Birklands and Bilhaugh	Ref: 1
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
70.156	<i>Eupithecia abbreviata</i> <b>Brindled Pug</b> (Stephens, 1831)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68

	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Finch, G. and Finch, A. 2004	Birklands West and Ollerton Corner	Ref: 135
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Joynt, G. Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.157	<i>Eupithecia dodoneata</i> <b>Oak-tree Pug</b> (Guenée, [1858])		
	Hardy, J.R. 1896	Birklands and Bilhaugh	Ref: 1
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Bee, L. 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
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
70.158	<i>Eupithecia pusillata</i> <b>Juniper Pug</b> ([Denis & Schiffmüller], 1775)		
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
70.160	<i>Eupithecia tripunctaria</i> <b>White-spotted Pug</b> (Herrich-Schäffer, 1852)		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	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
70.161	<i>Eupithecia virgaureata</i> <b>Golden-rod Pug</b> (Doubleday, 1861)		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	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
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
70.162	<i>Eupithecia tantillaria</i> <b>Dwarf Pug</b> (Boisduval, 1840)		
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.163	<i>Eupithecia lariciata</i> <b>Larch Pug</b> (Freyer, 1841)		
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
70.166	<i>Eupithecia simpliciata</i> <b>Plain Pug</b> (Haworth, 1809)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
70.168	<i>Eupithecia nanata</i> <b>Narrow-winged Pug</b> (Hübner, [1813])		
	Sterling, M.J. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Bee, L. 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
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109



	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.182	<i>Eupithecia assimiliata</i> <b>Currant Pug</b> (Doubleday, 1856)		
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
70.183	<i>Eupithecia vulgata</i> <b>Common Pug</b> (Haworth, 1809)		
	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
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Finch, G. and Finch, A. 2003	Birklands West and Ollerton Corner	Ref: 135
	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. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.184	<i>Eupithecia exiguata</i> <b>Mottled Pug</b> (Hübner, [1813])		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Porritt, G.T. 1871	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. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
70.187	<i>Eupithecia icterata</i> <b>Tawny Speckled Pug</b> (Villers, 1789)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
70.188	<i>Eupithecia succenturiata</i> <b>Bordered Pug</b> (Linnaeus, 1758)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
70.190	<i>Eupithecia subfuscata</i> <b>Grey Pug</b> (Haworth, 1809)		
	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
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 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>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.192	<i>Aplocera plagiata</i> <b>Treble-bar</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
70.193	<i>Aplocera efformata</i> <b>Lesser Treble-bar</b> (Guenée, [1858])		
	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. 1983	Birklands and Bilhaugh	Ref: 58
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
70.195	<i>Chesias legatella</i> <b>Streak</b> ([Denis & Schiffermüller], 1775)		
	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
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
70.196	<i>Chesias rufata</i> <b>Broom-tip</b> (Fabricius, 1775)		
	Sterland	Birklands and Bilhaugh	Ref: 1
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
70.198	<i>Lobophora halterata</i> <b>Seraphim</b> (Hufnagel, 1767)		
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.200	<i>Acasis viretata</i> <b>Yellow-barred Brindle</b> (Hübner, [1799])		
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
70.202	<i>Trichopteryx carpinata</i> <b>Early Tooth-striped</b> (Borkhausen, 1794)		
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
<b>Archiearinae</b>			
70.203	<i>Archiearis parthenias</i> <b>Orange Underwing</b> (Linnaeus, 1761)		
	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
Barnacle, B. 2010	Birklands and Bilhaugh / Budby SF	Ref: 79
Joynt, G. Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Hursthouse, D. <i>et al</i> 2012	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
McGeever, D. 2014	Birklands and Bilhaugh / Budby SF	Ref: 147
Wetton, B. 2014	Birklands and Bilhaugh	Ref: 147
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West and Ollerton Corner	Ref: 36
McGeever, D. 2015	Birklands and Bilhaugh / Budby SF	Ref: 138
Cornish, C. 2016	Birklands and Bilhaugh / Budby SF	Ref: 145
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36

## Ennominae

70.205	<i>Abraxas grossulariata</i> <b>Magpie</b> (Linnaeus, 1758)		
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
70.206	<i>Abraxas sylvata</i> <b>Clouded Magpie</b> (Scopoli, 1763)		
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
70.207	<i>Lomaspiis marginata</i> <b>Clouded Border</b> (Linnaeus, 1758)		
	Sterland and 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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Finch, G. and Finch, A. 1987	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Finch, G. and Finch, A. 2003	Birklands West and Ollerton Corner	Ref: 135
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.208	<i>Ligdia adustata</i> <b>Scorched Carpet</b> ([Denis & Schiffermüller], 1775)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
70.211	<i>Macaria notata</i> <b>Peacock Moth</b> (Linnaeus, 1758)		
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Finch, G. and Finch, A. 2003	Birklands West and Ollerton Corner	Ref: 135
70.214	<i>Macaria liturata</i> <b>Tawny-barred Angle</b> (Clerck, 1759)		
	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Heppenstall, R.I. 1982	Birklands and Bilhaugh	Ref: 81
	Young, D.A. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81



Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

70.218 *Chiasmia clathrata* **Latticed Heath** (Linnaeus, 1758)

Sterland	Birklands and Bilhaugh	Ref: 1
Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
Pendleton, T.A. and Pendleton, D.T. 2007	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	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Huskisson, D. 2017	Birklands and Bilhaugh / Budby SF	Ref: 151

70.222 *Petrophora chlorosata* **Brown Silver-line** (Scopoli, 1763)

Elliott, B. and Hepworth, A. 1961	Birklands and Bilhaugh	Ref: 1
Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 96
Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 57
Motteram, M. 1983	Birklands and Bilhaugh	Ref: 58
Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 81
Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 60
Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 63
Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 88
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 135
Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 61
Bee, L. 1989	Birklands and Bilhaugh	Ref: 62
Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 68
Pendleton, T.A. and Pendleton, D.T. 2005	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 West / Clipstone Old Qtr	Ref: 36
Baker, P. 2007	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF	Ref: 96
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
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Joynt, G. Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36

	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
70.223	<i>Plagodis pulveraria</i> <b>Barred Umber</b> (Linnaeus, 1758)		
	Finch, G. and Finch, A. 2003	Birklands West and Ollerton Corner	Ref: 135
70.224	<i>Plagodis dolabraria</i> <b>Scorched Wing</b> (Linnaeus, 1767)		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 58
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 60
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 63
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 61
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 62
	Finch, G. and Finch, A. 2003	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>et al</i> 2006	Birklands West and Ollerton Corner	Ref: 135
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Sherwood Heath	Ref: 85
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands West / Clipstone Old Qtr	Ref: 36
	Wright, S. and Osborne, J.E. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West and Ollerton Corner	Ref: 103
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Wright, S. and Osborne, J.E. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands West / Clipstone Old Qtr	Ref: 137
		Birklands and Bilhaugh / Budby SF	Ref: 156
70.226	<i>Opisthograptis luteolata</i> <b>Brimstone Moth</b> (Linnaeus, 1758)		
	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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Finch, G. and Finch, A. 1987	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

70.227	<i>Epione repandaria</i> <b>Bordered Beauty</b> (Hufnagel, 1767)		
	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
70.230	<i>Angerona prunaria</i> <b>Orange Moth</b> (Linnaeus, 1758)		
	Sterland	Birklands and Bilhaugh	Ref: 1
70.231	<i>Apeira syringaria</i> <b>Lilac Beauty</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.233	<i>Ennomos quercinaria</i> <b>August Thorn</b> (Hufnagel, 1767)		
	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
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
70.234	<i>Ennomos alniaria</i> <b>Canary-shouldered Thorn</b> (Linnaeus, 1758)		
	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
	Finch, G. and Finch, A. 1985	Birklands and Bilhaugh	Ref: 135
	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: 68
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>et al</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
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
70.235	<i>Ennomos fuscantaria</i> <b>Dusky Thorn</b> (Haworth, 1809)		
	Harrison, F. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
70.236	<i>Ennomos erosaria</i> <b>September Thorn</b> ([Denis & Schiffermüller], 1775)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Rodgers, W. 1857	Birklands and Bilhaugh	Ref: 1
	1951	Birklands and Bilhaugh	Ref: 52
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.237	<i>Selenia dentaria</i> <b>Early Thorn</b> (Fabricius, 1775)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Finch, G. and Finch, A. 2003	Birklands West and Ollerton Corner	Ref: 135
	Finch, G. and Finch, A. 2004	Birklands West and Ollerton Corner	Ref: 135
	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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Joynt, G. Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 73
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.238	<i>Selenia lunularia</i> <b>Lunar Thorn</b> (Hübner, [1788])		
	Sterland	Birklands and Bilhaugh	Ref: 1
70.239	<i>Selenia tetralunaria</i> <b>Purple Thorn</b> (Hufnagel, 1767)		
	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
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Finch, G. and Finch, A. 2004	Birklands West and Ollerton Corner	Ref: 135
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36

	Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.240	<i>Odontopera bidentata</i> <b>Scalloped Hazel</b> (Clerck, 1759)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Finch, G. and Finch, A. 2003	Birklands West and Ollerton Corner	Ref: 135
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.241	<i>Crocallis elinguaris</i> <b>Scalloped Oak</b> (Linnaeus, 1758)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.243	<i>Ourapteryx sambucaria</i> <b>Swallow-tailed Moth</b> (Linnaeus, 1758)		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Finch, G. and Finch, A. 1985	Birklands and Bilhaugh	Ref: 135
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.244	<i>Colotois pennaria</i> <b>Feathered Thorn</b> (Linnaeus, 1761)		
	Sterland	Birklands and Bilhaugh	Ref: 1
	Porrirt, G.T. 1871	Birklands and Bilhaugh	Ref: 1
	Pearson, D.H.	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
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109

	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
70.245	<i>Alsophila aescularia</i> <b>March Moth</b> ([Denis & Schiffermüller], 1775)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2012	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Baker, P. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.246	<i>Apocheima hispidaria</i> <b>Small Brindled Beauty</b> ([Denis & Schiffermüller], 1775)		
	Sterland	Birklands and Bilhaugh	Ref: 1
	Porritt, G.T. 1871	Birklands and Bilhaugh	Ref: 1
	Wright, S. and Osborne, J.E. 2004	Birklands and Bilhaugh / Buck Gates	Ref: 83
	Wright, S. and Osborne, J.E. <i>et al</i> 2005	Birklands and Bilhaugh / Buck Gates	Ref: 84
	Dawson, M. and Beasley, N. 2010	Birklands and Bilhaugh	Ref: 113
70.247	<i>Phigalia pilosaria</i> <b>Pale Brindled Beauty</b> ([Denis & Schiffermüller], 1775)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>etal</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
70.248	<i>Lycia hirtaria</i> <b>Brindled Beauty</b> (Clerck, 1759)		
	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
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68

	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Finch, G. and Finch, A. 2004	Birklands West and Ollerton Corner	Ref: 135
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
70.251	<i>Biston strataria</i> <b>Oak Beauty</b> (Hufnagel, 1767)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2012	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.252	<i>Biston betularia</i> <b>Peppered Moth</b> (Linnaeus, 1758)		
	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
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Finch, G. and Finch, A. 1987	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Finch, G. and Finch, A. 2003	Birklands West and Ollerton Corner	Ref: 135
	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
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.253	<i>Agriopsis leucophaearia</i> <b>Spring Usher</b> ([Denis & Schiffermüller], 1775)		
	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
	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
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36

70.254	<i>Agriopsis aurantiaria</i> <b>Scarce Umber</b> (Hübner, [1799])		
	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
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
70.255	<i>Agriopsis marginaria</i> <b>Dotted Border</b> (Fabricius, [1777])		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2019	Birklands West and Ollerton Corner	Ref: 36
70.256	<i>Erannis defoliaria</i> <b>Mottled Umber</b> (Clerck, 1759)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
70.257	<i>Menophra abruptaria</i> <b>Waved Umber</b> (Thunberg, 1792)		
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. 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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.258	<i>Peribatodes rhomboidaria</i> <b>Willow Beauty</b> ([Denis & Schiffermüller], 1775)		
	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
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68



Wright, S. and Osborne, J.E. <i>et al</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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156

70.265 *Alcis repandata* **Mottled Beauty** (Linnaeus, 1758)

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
Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
Elliot, 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
Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
Finch, G. and Finch, A. 1987	Birklands and Bilhaugh	Ref: 135
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
Bee, L. 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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

70.267 *Hypomecis roboraria* **Great Oak Beauty** ([Denis & Schiffermüller], 1775)

Sterland	Birklands and Bilhaugh	Ref: 1
Daws, J.W. 1921	Birklands and Bilhaugh	Ref: 10
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
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61

	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 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
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Wright, S. and Osborne, J.E. 2016	Birklands and Bilhaugh / Budby SF	Ref: 36
70.268	<i>Hypomecis punctinalis</i> <b>Pale Oak Beauty</b> (Scopoli, 1763)		
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.270	<i>Ectropis crepuscularia</i> <b>Engrailed</b> ([Denis & Schiffermüller], 1775)		
	Sterland and Brameld, R.E.	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
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Young, D.A. 1983	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
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Finch, G. and Finch, A. 2004	Birklands West and Ollerton Corner	Ref: 135
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2012	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.274	<i>Aethalura punctulata</i> <b>Grey Birch</b> ([Denis & Schiffermüller], 1775)		
	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
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
Finch, G. and Finch, A. 2004	Birklands West and Ollerton Corner	Ref: 135
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
Joynt, G. Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 73
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

70.275 *Ematurga atomaria* **Common Heath** (Linnaeus, 1758)

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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2016	Birklands and Bilhaugh	Ref: 36
Musgrove, A. 2017	Birklands and Bilhaugh	Ref: 142
Heeney, W. 2017	Birklands and Bilhaugh	Ref: 144
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
Whiteley, D. 2018	Birklands and Bilhaugh / Budby SF	Ref: 143
Huskisson, D. 2018	Birklands and Bilhaugh / Budby SF	Ref: 151
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh / Budby SF	Ref: 36

70.276 *Bupalus piniaria* **Bordered White** (Linnaeus, 1758)

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
Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 88
Bee, L. 1990	Birklands and Bilhaugh	Ref: 135
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 68
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
	Birklands and Bilhaugh / Budby SF	Ref: 156

70.277 *Cabera pusaria* **Common White Wave** (Linnaeus, 1758)

Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
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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
Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
Finch, G. and Finch, A. 1987	Birklands and Bilhaugh	Ref: 135
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
Finch, G. and Finch, A. 2003	Birklands West and Ollerton Corner	Ref: 135
Wright, S. and Osborne, J.E. <i>et al</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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36

70.278 *Cabera exanthemata* **Common Wave** (Scopoli, 1763)

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
Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
Finch, G. and Finch, A. 2003	Birklands West and Ollerton Corner	Ref: 135
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

70.279 *Lomographa bimaculata* **White-pinion Spotted** (Fabricius, 1775)

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36

	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.280	<i>Lomographa temerata</i> <b>Clouded Silver</b> ([Denis & Schiffmüller], 1775)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	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
	Finch, G. and Finch, A. 2003	Birklands West and Ollerton Corner	Ref: 135
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.282	<i>Theria primaria</i> <b>Early Moth</b> (Haworth, 1809)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
70.283	<i>Campaea margaritaria</i> <b>Light Emerald</b> (Linnaeus, 1761)		
	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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 98
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	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>et al</i> 2009	Birklands and Bilhaugh	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Sherwood Heath	Ref: 36
70.284	<i>Hylaea fasciaria</i> <b>Barred Red</b> (Linnaeus, 1758)		
	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
	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

	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
70.293	<i>Aspitates gilvaria</i> <b>Straw Belle</b> ([Denis & Schiffermüller], 1775) Sterland	Birklands and Bilhaugh	Ref: 1
70.295	<i>Perconia strigillaria</i> <b>Grass Wave</b> (Hübner, [1787]) 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 Pendleton, T.A. and Pendleton, D.T. 2010 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2013 Baker, P. Harte, K. and Leach, L. 2015 Baker, P. Harte, K. and Leach, L. 2016 Wright, S. and Osborne, J.E. 2018	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 / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF 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 / Budby SF Birklands West / Clipstone Old Qtr Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF 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 Ref: 36 Ref: 109 Ref: 119 Ref: 36 Ref: 36 Ref: 36 Ref: 156 Ref: 156 Ref: 147

## Geometrinae

70.297	<i>Pseudoterpna pruinata</i> <b>Grass Emerald</b> (Walker, 1863) Brameld, R.E. Harman, T.W. 1975 Elliot, B. 1981 Bee, L. 1990 Pendleton, T.A. and Pendleton, D.T. 2008 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>et al</i> 2009 Hursthouse, D. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2010 Hursthouse, D. <i>et al</i> 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Baker, P. Harte, K. and Leach, L. 2015 Baker, P. Harte, K. and Leach, L. 2016	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 Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr 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: 68 Ref: 55 Ref: 36 Ref: 109 Ref: 109 Ref: 36 Ref: 109 Ref: 36 Ref: 156 Ref: 156
70.299	<i>Geometra papilionaria</i> <b>Large Emerald</b> (Linnaeus, 1758) 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 Orpe, K.J. 1986 Bee, L. and Parrack, J.D. 1988 Bee, L. 1989 Bee, L. 1990 Wright, S. and Osborne, J.E. <i>et al</i> 2006 Wright, S. and Osborne, J.E. <i>et al</i> 2007	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	Ref: 1 Ref: 1 Ref: 1 Ref: 81 Ref: 57 Ref: 81 Ref: 58 Ref: 60 Ref: 63 Ref: 88 Ref: 68 Ref: 68 Ref: 68 Ref: 85 Ref: 86



	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
71.006	<i>Furcula bicuspis</i> <b>Alder Kitten</b> (Borkhausen, 1790)		
	Wright, S. and Osborne, J.E. 2006	Birklands West / Clipstone Old Qtr	Ref: 85
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Wright, S. and Osborne, J.E. 2014	Birklands West / Clipstone Old Qtr	Ref: 137
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
71.007	<i>Fercula bifida</i> <b>Poplar Kitten</b> (Brahm, 1787)		
	Rodgers, W. 1857	Birklands and Bilhaugh	Ref: 1
	Talbot, W. 1860	Birklands and Bilhaugh	Ref: 1
<b>Dicranurinae</b>			
71.009	<i>Stauropus fagi</i> <b>Loxobotus</b> (Linnaeus, 1758)		
	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
<b>Notodontinae</b>			
71.010	<i>Drymonia dodonaea</i> <b>Marbled Brown</b> ([Denis & Schiffermüller], 1775)		
	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
71.011	<i>Drymonia ruficornis</i> <b>Lunar Marbled Brown</b> (Hufnagel, 1766)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 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
	Joynt, G. Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 73
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Wright, S. and Osborne, J.E. 2014	Birklands West / Clipstone Old Qtr	Ref: 137
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
71.012	<i>Notodonta dromedarius</i> <b>Iron Prominent</b> (Linnaeus, 1767)		
	Talbot, W. 1860	Birklands and Bilhaugh	Ref: 1



	Madden, G.C.R. 1872	Birklands and Bilhaugh	Ref: 1
	Becher. 1887	Birklands and Bilhaugh	Ref: 10
	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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Wright, S. and Osborne, J.E. <i>et al</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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
71.013	<i>Notodonta ziczac</i> <b>Pebble Prominent</b> (Linnaeus, 1758)		
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands West / Clipstone Old Qtr	Ref: 36
	Wright, S. and Osborne, J.E. <i>et al</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
71.016	<i>Peridea anceps</i> <b>Great Prominent</b> (Goeze, 1781)	Birklands and Bilhaugh / Budby SF	Ref: 156
	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
71.017	<i>Pheosia tremula</i> <b>Swallow Prominent</b> (Clerck, 1759)		
	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>et al</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>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
71.018	<i>Pheosia gnoma</i> <b>Lesser Swallow Prominent</b> (Fabricius, [1777])		
	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
Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
Finch, G. and Finch, A. 1987	Birklands and Bilhaugh	Ref: 135
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
Brackenbury, A. 1989	Birklands West / Sherwood Heath	Ref: 79
Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
Finch, G. and Finch, A. 2004	Birklands West and Ollerton Corner	Ref: 135
Wright, S. and Osborne, J.E. <i>et al</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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

71.020 *Pterostoma palpina* **Pale Prominent** (Clerck, 1759)

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
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

71.021 *Ptilodon capucina* **Coxcomb Prominent** (Linnaeus, 1758)

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
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 63
Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 61
Bee, L. 1989	Birklands and Bilhaugh	Ref: 62
Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 68
Wright, S. and Osborne, J.E. <i>et al</i> 2007	Birklands and Bilhaugh	Ref: 96
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West and Ollerton Corner	Ref: 96
Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 36
Joynt, G. 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 73
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 36
	Birklands and Bilhaugh / Budby SF	Ref: 109

Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

71.023 *Odontosia carmelita* **Scarce Prominent** (Esper, [1798])

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
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
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
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Wright, S. and Osborne, J.E. 2014	Birklands West / Clipstone Old Qtr	Ref: 137
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

## Phalerinae

71.025 *Phalera bucephala* **Buff-tip** (Linnaeus, 1758)

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
Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
Finch, G. and Finch, A. 2003	Birklands West and Ollerton Corner	Ref: 135
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
Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

## Pygaerinae

71.028 *Clostera pigra* **Small Chocolate-tip** (Hufnagel, 1766)

Druro, T. Braddock, A. and Travers-Ayre, I. 1992	Birklands and Bilhaugh / Budby SF	Ref: 90
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## Erebidae

### Scoliopteryginae

72.001 *Scoliopteryx libatrix* **Herald** (Linnaeus, 1758)

Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
Young, D.A. 1982	Birklands and Bilhaugh	Ref: 81

Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
Finch, G. and Finch, A. 2003	Birklands West and Ollerton Corner	Ref: 135
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36

## Rivulinae

72.002	<i>Rivula sericealis</i> <b>Straw Dot</b> (Scopoli, 1763)		
	Wright, S. and Osborne, J.E. 2005	Birklands West / Sherwood Heath	Ref: 84
	Wright, S. and Osborne, J.E. <i>et al</i> 2006	Birklands West / Sherwood Heath	Ref: 85
	Wright, S. and Osborne, J.E. 2006	Birklands and Bilhaugh / Budby SF	Ref: 85
	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
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	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
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

## Hypeninae

72.003	<i>Hypena proboscidalis</i> <b>Snout</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1971	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
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Finch, G. and Finch, A. 1987	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>et al</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>et al</i> 2009	Birklands and Bilhaugh	Ref: 109
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

## Lymantriinae

72.009	<i>Leucoma salicis</i> <b>White Satin</b> (Linnaeus, 1758)		
	Statham, B.L. 1989	Birklands and Bilhaugh	Ref: 49
	Wright, S. and Osborne, J.E. 2008	Birklands West and Ollerton Corner	Ref: 103
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
72.010	<i>Lymantria monacha</i> <b>Black Arches</b> (Linnaeus, 1758)		
	Sterland	Birklands and Bilhaugh	Ref: 1
	Rodgers, W. 1857	Birklands and Bilhaugh	Ref: 1
	Batty, J. 1858	Birklands and Bilhaugh	Ref: 1
	Young, J.N. 1882	Birklands and Bilhaugh	Ref: 1
	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. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Clipstone Old Qtr	Ref: 36
	Wright, S. and Osborne, J.E. 2018	Birklands and Bilhaugh / Budby SF	Ref: 147
72.012	<i>Euproctis chrysorrhoea</i> <b>Brown-tail</b> (Linnaeus, 1758)		
	Sterland and Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
72.013	<i>Euproctis similis</i> <b>Yellow-tail</b> (Fuessly, 1775)		
	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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>et al</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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
72.015	<i>Calliteara pudibunda</i> <b>Pale Tussock</b> (Linnaeus, 1758)		
	Sterland	Birklands and Bilhaugh	Ref: 1
	Elliott, B. Hepworth, A. and Spragg, P. 1961	Birklands and Bilhaugh	Ref: 96
	Young, D.A. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81

Porrirt, G.T. 1894	Birklands and Bilhaugh	Ref: 1
Harrison, F. 1969	Birklands and Bilhaugh	Ref: 81
Braddock, A. 1982	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
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
Pendleton, T.A. and Pendleton, D.T. 2008	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. 2010	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

72.017 *Orgyia antiqua* **Vapourer** (Linnaeus, 1758)

Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
Binding, A. 1999	Birklands and Bilhaugh	Ref: 79
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
Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Skinner, M. 2015	Birklands and Bilhaugh	Ref: 141
Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36

72.018 *Orgyia recens* **Scarce Vapourer** (Hübner, [1819])  
1899

Birklands and Bilhaugh	Ref: 1
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Arctiinae

72.019 *Spilosoma lutea* **Buff Ermine** (Hufnagel, 1766)

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
Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
Finch, G. and Finch, A. 2003	Birklands West and Ollerton Corner	Ref: 135
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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109

	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
72.020	<i>Spilosoma lubricipeda</i> <b>White Ermine</b> (Linnaeus, 1758)		
	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
	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
	Finch, G. and Finch, A. 2003	Birklands West and Ollerton Corner	Ref: 135
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
72.021	<i>Spilosoma urticae</i> <b>Water Ermine</b> (Esper, 1789)		
	Sterland	Birklands and Bilhaugh	Ref: 1
	1899	Birklands and Bilhaugh	Ref: 1
72.022	<i>Diaphora mendica</i> <b>Muslin Moth</b> (Clerck, 1759)		
	Sterland and Brameld, R.E.	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
72.023	<i>Diacrisia sannio</i> <b>Clouded Buff</b> (Linnaeus, 1758)		
	Tryer, R. and Tryer, W. 1868	Birklands and Bilhaugh	Ref: 1
	Between 1961 and 1969	Birklands and Bilhaugh	Ref: 19
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	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
	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
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36

	Beeley, G. 2014	Birklands and Bilhaugh	Ref: 140
	Wright, S. and Osborne, J.E. 2018	Birklands and Bilhaugh / Budby SF	Ref: 147
72.024	<i>Phragmatobia fuliginosa</i> <b>Ruby Tiger</b> (Linnaeus, 1758)		
	Sterland, Brameld, R.E. and Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1969	Birklands and Bilhaugh	Ref: 81
	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. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>et al</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>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
72.026	<i>Arctia caja</i> <b>Garden Tiger</b> (Linnaeus, 1758)		
	Bilore, W. 1954	Birklands and Bilhaugh	Ref: 81
72.031	<i>Tyria jacobaeae</i> <b>Cinnabar</b> (Linnaeus, 1758)		
	Harrison, F. 1980	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Whiteley, D. 2001	Birklands West / Sherwood Heath	Ref: 79
	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
	Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119
72.035	<i>Mitochrista miniata</i> <b>Rosy Footman</b> (Forster, 1771)		
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
72.036	<i>Nudaria mundana</i> <b>Muslin Footman</b> (Linnaeus, 1761)		
	Sterland, Brameld, R.E. and Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
72.038	<i>Cybosia mesomella</i> <b>Four-dotted Footman</b> (Linnaeus, 1758)		
	Tryer, R. and Tryer, W. 1868	Birklands and Bilhaugh	Ref: 1
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
72.041	<i>Lithosia quadra</i> <b>Four-spotted Footman</b> (Linnaeus, 1758)		



	Sterland	Birklands and Bilhaugh	Ref: 1
72.042	<i>Atolmis rubricollis</i> <b>Red-necked Footman</b> (Linnaeus, 1758)		
	Sterland	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
72.043	<i>Eilema depressa</i> <b>Buff Footman</b> (Esper, 1787)		
	Wright, S. and Osborne, J.E. <i>et al</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	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
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
72.044	<i>Eilema griseola</i> <b>Dingy Footman</b> (Hübner, [1803])		
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Wright, S. and Osborne, J.E. <i>et al</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
72.045	<i>Eilema lurideola</i> <b>Common Footman</b> (Zincken, 1817)		
	Sterland and 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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Finch, G. and Finch, A. 1987	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>et al</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 and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119

Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

72.046 *Eilema complana* **Scarce Footman** (Linnaeus, 1758)

Sterland	Birklands and Bilhaugh	Ref: 1
Talbot, W. 1860	Birklands and Bilhaugh	Ref: 1
Wright, S. and Osborne, J.E. 2006	Birklands and Bilhaugh / Budby SF	Ref: 85
Wright, S. and Osborne, J.E. <i>et al</i> 2006	Birklands West / Sherwood Heath	Ref: 85
Wright, S. and Osborne, J.E. <i>et al</i> 2007	Birklands West and Ollerton Corner	Ref: 96
Wright, S. and Osborne, J.E. <i>et al</i> 2007	Birklands West / Sherwood Heath	Ref: 86
Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 36
Wright, S. Osborne, J.E. and Fox, D.G. 2008	Birklands West and Ollerton Corner	Ref: 103
Hursthouse, D. 2009	Birklands and Bilhaugh / Budby SF	Ref: 98
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</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 West / Clipstone Old Qtr	Ref: 36
Binding, A.E. and Binding, A. 2009	Birklands and Bilhaugh	Ref: 111
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
Wright, S. and Osborne, J.E. 2018	Birklands and Bilhaugh / Budby SF	Ref: 147

72.049 *Eilema sororcula* **Orange Footman** (Hufnagel, 1766)

Wright, S. and Osborne, J.E. 2006	Birklands West / Clipstone Old Qtr	Ref: 85
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Wright, S. and Osborne, J.E. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
Pendleton, T.A. and Pendleton, D.T. 2018	Birklands and Bilhaugh	Ref: 36

Herminiinae

72.053 *Herminia tarsipennalis* **Fan-foot** (Treitschke, 1835)

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
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
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
Bee, L. 1989	Birklands and Bilhaugh	Ref: 68

	Bee, L. 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>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
72.055	<i>Herminia grisealis</i> <b>Small Fan-foot</b> ([Denis & Schiffermüller], 1775)		
	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
	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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
72.056	<i>Pechipogo strigilata</i> <b>Common Fan-foot</b> (Linnaeus, 1758)		
	Brameld, R.E. and Porritt, G.T.	Birklands and Bilhaugh	Ref: 1
<b>Toxocampinae</b>			
72.063	<i>Lygephila pastinum</i> <b>Blackneck</b> (Treitschke, 1826)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
72.067	<i>Phytometra viridaria</i> <b>Small Purple-barred</b> ([Denis & Schiffermüller], 1775)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
72.069	<i>Laspeyria flexula</i> <b>Beautiful Hook-tip</b> (Clerck, 1759)		
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
<b>Erebinae</b>			
72.078	<i>Catocala nupta</i> <b>Red Underwing</b> (Linnaeus, 1767)		
	Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Statham, B. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
72.083	<i>Euclidia glyphica</i> <b>Burnet Companion</b> (Linnaeus, 1758)		
	Brameld, R.E. 1899	Birklands and Bilhaugh	Ref: 1
72.084	<i>Euclidia mi</i> <b>Mother Shipton</b> (Clerck, 1759)		
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

Porritt, G.T.	Birklands and Bilhaugh	Ref: 1
Statham, B. L. 1982	Birklands and Bilhaugh	Ref: 81
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 119

## Noctuidae

### Plusiinae

73.001	<i>Abrostola tripartita</i> <b>Spectacle</b> (Hufnagel, 1766)		
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 1
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 63
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 61
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 62
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
		Birklands and Bilhaugh / Budby SF	Ref: 156
73.002	<i>Abrostola triplasia</i> <b>Dark Spectacle</b> (Linnaeus, 1758)		
	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. 1987	Birklands and Bilhaugh	Ref: 61
73.012	<i>Diachrysis chrysitis</i> <b>Burnished Brass</b> (Linnaeus, 1758)		
	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
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	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
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
73.015	<i>Autographa gamma</i> <b>Silver Y</b> (Linnaeus, 1758)		
	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
	Harrison, F. 1983	Birklands and Bilhaugh	Ref: 81
	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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	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
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36

	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. Leach, I. and Baker, P. 2009	Birklands and Bilhaugh	Ref: 98
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Heeney, W. 2015	Birklands and Bilhaugh	Ref: 144
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh / Budby SF	Ref: 36
	Skinner, M. 2015	Birklands and Bilhaugh	Ref: 141
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2018	Birklands West / Clipstone Old Qtr	Ref: 36
73.016	<i>Autographa pulchrina</i> <b>Beautiful Golden Y</b> (Haworth, 1809)		
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
73.017	<i>Autographa jota</i> <b>Plain Golden Y</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
73.018	<i>Autographa bractea</i> <b>Gold Spangle</b> ([Denis & Schiffermüller], 1775)		
	Sterland	Birklands and Bilhaugh	Ref: 1
73.021	<i>Syngrapha interrogationis</i> <b>Scarce Silver Y</b> (Linnaeus, 1758)		
	Wright, S. and Osborne, J.E. 2006	Birklands West and Ollerton Corner	Ref: 85
73.022	<i>Plusia festucae</i> <b>Gold Spot</b> (Linnaeus, 1758)		
	Harman, T.W. 1975	Birklands and Bilhaugh	Ref: 1
	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 81
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
<b>Eustrotiinae</b>			
73.024	<i>Deltote pygarga</i> <b>Marbled White Spot</b> (Hufnagel, 1766)		
	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>et al</i> 2009	Birklands and Bilhaugh	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36

Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

73.026 *Deltote uncula* **Silver Hook** (Clerck, 1759)

Sterland	Birklands and Bilhaugh	Ref: 1
1899	Birklands and Bilhaugh	Ref: 1

### Pantheinae

73.032 *Colocasia coryli* **Nut-tree Tussock** (Linnaeus, 1758)

Braddock, A. 1983	Birklands and Bilhaugh	Ref: 81
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
Finch, G. and Finch, A. 2003	Birklands West and Ollerton Corner	Ref: 135
Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156

### Dilobinae

73.033 *Diloba caeruleocephala* **Figure of Eight** (Linnaeus, 1758)

Sterland and 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

### Acronictinae

73.036 *Acronicta alni* **Alder Moth** (Linnaeus, 1767)

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
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
Wright, S. and Osborne, J.E. 2014	Birklands West / Clipstone Old Qtr	Ref: 36

73.037 *Acronicta tridens* **Dark Dagger** ([Denis & Schiffermüller], 1775)

Sterland and Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
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73.038 *Acronicta psi* **Grey Dagger** (Linnaeus, 1758)

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
Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
Bee, L. 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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36

	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
73.039	<i>Acronicta aceris</i> <b>Sycamore</b> (Linnaeus, 1758)		
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Wright, S. and Osborne, J.E. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
73.040	<i>Acronicta leporina</i> <b>Miller</b> (Linnaeus, 1758)		
	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1976	Birklands and Bilhaugh	Ref: 81
	Elliot, 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
	Finch, G. and Finch, A. 1987	Birklands and Bilhaugh	Ref: 63
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 135
	Wright, S. and Osborne, J.E. <i>et al</i> 2007	Birklands and Bilhaugh	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
		Birklands West / Clipstone Old Qtr	Ref: 36
73.042	<i>Acronicta menyanthidis</i> <b>Light Knot Grass</b> (Esper, 1798)		
	Batty, J. 1858	Birklands and Bilhaugh	Ref: 1
	Hardy, J.R. 1897	Birklands and Bilhaugh	Ref: 1
73.045	<i>Acronicta rumicis</i> <b>Knot Grass</b> (Linnaeus, 1758)		
	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 81
	Harrison, F. 1969	Birklands and Bilhaugh	Ref: 81
	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
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh / Budby SF	Ref: 36
73.046	<i>Subacronicta megacephala</i> <b>Poplar Grey</b> ([Denis & Schiffermüller], 1775)		
	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
73.047	<i>Craniophora ligustri</i> <b>Coronet</b> ([Denis & Schiffermüller], 1775)		
	Sterland	Birklands and Bilhaugh	Ref: 1
<b>Acronictinae</b>			
73.048	<i>Panemeria tenebrata</i> <b>Small Yellow Underwing</b> (Scopoli, 1763)		
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands and Bilhaugh	Ref: 36
<b>Cucullinae</b>			
73.052	<i>Cucullia umbratica</i> <b>Shark</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
73.058	<i>Cucullia verbasci</i> <b>Mullein</b> (Linnaeus, 1758)		
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1

## Oncocnemidinae

73.061	<i>Stilbia anomala</i> <b>Anomalous</b> (Haworth, 1812)		
	Sterland	Birklands and Bilhaugh	Ref: 1
	Mosely, Porritt, G.T. Madden, G.C.R. and Birchall, H. 1872	Birklands and Bilhaugh	Ref: 1
	Harman, T.W. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
	Elliott, B. 1976	Birklands and Bilhaugh / Budby SF	Ref: 81
	Harrison, F. 1976	Birklands and Bilhaugh	Ref: 81
	Elliott, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109

## Amphipyrinae

73.062	<i>Amphipyra pyramidea</i> <b>Copper Underwing</b> (Linnaeus, 1758)		
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 63
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
73.063	<i>Amphipyra berbera</i> <b>Svensson's Copper Underwing</b> (Fletcher, 1968)		
	Harman, T.W. 1975	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
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 81
	Culpin, J. 1983	Birklands and Bilhaugh / Budby SF	Ref: 58
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 81
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 120
		Birklands and Bilhaugh	Ref: 36
73.064	<i>Amphipyra tragopoginis</i> <b>Mouse Moth</b> (Clerck, 1759)		
	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
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>et al</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. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36

## Psaphidinae

73.068	<i>Allophyes oxyacanthae</i> <b>Green-brindled Crescent</b> (Linnaeus, 1758)		
	Brameld, R.E.	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
	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. 1989	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109



73.069	<i>Xylocampa areola</i> <b>Early Grey</b> (Esper, 1789)		
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Finch, G. and Finch, A. 2004	Birklands West and Ollerton Corner	Ref: 135
	Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2016	Birklands West / Clipstone Old Qtr	Ref: 36

### Heliothinae

73.070	<i>Pyrrhia umbra</i> <b>Bordered Sallow</b> (Hufnagel, 1766)		
	Sterland	Birklands and Bilhaugh	Ref: 1
73.072	<i>Heliothis viroplaca</i> <b>Marbled Clover</b> (Hufnagel, 1766)		
	Sterland	Birklands and Bilhaugh	Ref: 1
	Porritt, G.T. 1873	Birklands and Bilhaugh	Ref: 1
	Brameld, R.E. 1899	Birklands and Bilhaugh	Ref: 1
73.074	<i>Heliothis peltigera</i> <b>Bordered Straw</b> ([Denis & Schiffermüller], 1775)		
	Sterland	Birklands and Bilhaugh	Ref: 1
73.076	<i>Helicoverpa armigera</i> <b>Scarce Bordered Straw</b> (Hübner, [1808])		
	Elliott, B. 1996	Birklands and Bilhaugh / Budby SF	Ref: 96

### Bryophilinae

73.084	<i>Bryophila domestica</i> <b>Marbled Beauty</b> (Hufnagel, 1766)		
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 1
	Finch, G. and Finch, A. 1987	Birklands and Bilhaugh	Ref: 63
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 61
	Wright, S. and Osborne, J.E. <i>et al</i> 2007	Birklands and Bilhaugh	Ref: 62
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West and Ollerton Corner	Ref: 96
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands West / Clipstone Old Qtr	Ref: 36
		Birklands and Bilhaugh / Budby SF	Ref: 156

### Xyleninae

73.092	<i>Caradrina morpheus</i> <b>Mottled Rustic</b> (Hufnagel, 1766)		
	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
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
73.095	<i>Caradrina clavipalpis</i> <b>Pale Mottled Willow</b> (Scopoli, 1763)		
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	1990	Birklands and Bilhaugh	Ref: 68
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
73.096	<i>Hoplodrina octogenaria</i> <b>Uncertain</b> (Goeze, 1781)		
	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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Finch, G. and Finch, A. 1987	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>et al</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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
73.097	<i>Hoplodrina blanda</i> <b>Rustic</b> ([Denis & Schiffermüller], 1775)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harman, T.W. 1975	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: 68
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>et al</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
73.099	<i>Hoplodrina ambigua</i> <b>Vine's Rustic</b> ([Denis & Schiffermüller], 1775)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
73.101	<i>Charancya trigrammica</i> <b>Treble Lines</b> (Hufnagel, 1766)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
73.102	<i>Rusina ferruginea</i> <b>Brown Rustic</b> (Esper, 1785)		
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Harrison, F. 1969	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57
	Young, D.A. 1983	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68

	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Finch, G. and Finch, A. 2003	Birklands West and Ollerton Corner	Ref: 135
	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
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
73.105	<i>Dypterygia scabriuscula</i> <b>Bird's Wing</b> (Linnaeus, 1758)		
	Wright, S. and Osborne, J.E. 2007	Birklands West / Clipstone Old Qtr	Ref: 86
	Woodward, R. and Beasley, N. 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
73.106	<i>Trachea atriplicis</i> <b>Orache Moth</b> (Linnaeus, 1758)		
	Sterland	Birklands and Bilhaugh	Ref: 1
73.107	<i>Mormo maura</i> <b>Old Lady</b> (Linnaeus, 1758)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Between 1961 and 1969	Birklands and Bilhaugh	Ref: 19
	Wright, S. and Osborne, J.E. 2008	Birklands West and Ollerton Corner	Ref: 103
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P.S. Leach, I. and Harte, K. 2016	Birklands and Bilhaugh / Budby SF	Ref: 145
73.109	<i>Thalpophila matura</i> <b>Straw Underwing</b> (Hufnagel, 1766)		
	Harman, T.W. 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: 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
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 60
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>et al</i> 2007	Birklands and Bilhaugh	Ref: 68
	Hursthouse, D. <i>et al</i> 2009	Birklands West and Ollerton Corner	Ref: 96
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 109
		Birklands and Bilhaugh / Budby SF	Ref: 36
73.110	<i>Hyppa rectilinea</i> <b>Saxon</b> (Esper, 1796)		
	Sterland	Birklands and Bilhaugh	Ref: 1
73.113	<i>Phlogophora meticulosa</i> <b>Angle Shades</b> (Linnaeus, 1758)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 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>et al</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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 109
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
73.114	<i>Euplexia lucipara</i> <b>Small Angle Shades</b> (Linnaeus, 1758)		
	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
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
73.119	<i>Helotropha leucostigma</i> <b>Crescent</b> (Hübner, [1808])		
	Sterland	Birklands and Bilhaugh	Ref: 1
73.120	<i>Eremobia ochroleuca</i> <b>Dusky Sallow</b> ([Denis & Schiffermüller], 1775)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
73.121	<i>Gortyna flavago</i> <b>Frosted Orange</b> ([Denis & Schiffermüller], 1775)		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 1
	Young, D.A. 1983	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 68
		Birklands and Bilhaugh	Ref: 36

	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
73.123	<i>Hydraecia micacea</i> <b>Rosy Rustic</b> (Esper, 1789)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
73.128	<i>Amphipoea oculea</i> <b>Ear Moth</b> (Linnaeus, 1761)		
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 1
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
73.131	<i>Luperina testacea</i> <b>Flounced Rustic</b> ([Denis & Schiffermüller], 1775)		
	Harrison, F. 1975	Birklands and Bilhaugh	Ref: 1
	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 / Budby SF	Ref: 81
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 81
	Elliott, B. 1983	Birklands and Bilhaugh	Ref: 58
	Finch, G. and Finch, A. 1985	Birklands and Bilhaugh / Budby SF	Ref: 96
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 135
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 60
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 63
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 61
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 68
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
73.136	<i>Nonagria typhae</i> <b>Bulrush Wainscot</b> (Thunberg, 1784)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliott, B. 1967	Birklands and Bilhaugh	Ref: 81
73.137	<i>Arenostola phragmitidis</i> <b>Fen Wainscot</b> (Hübner, [1803])		
	Harman, T.W. 1975	Birklands and Bilhaugh / Budby SF	Ref: 52
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
73.139	<i>Lenisa geminipuncta</i> <b>Twin-spotted Wainscot</b> (Haworth, 1809)		
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
73.141	<i>Archanara dissoluta</i> <b>Brown-veined Wainscot</b> (Treitschke, 1825)		

	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
73.142	<i>Coenobia rufa</i> <b>Small Rufous</b> (Haworth, 1809) Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
73.144	<i>Denticucullus pygmina</i> <b>Small Wainscot</b> (Haworth, 1809) Brameld, R.E. and Hardy, J.R. Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF	Ref: 1 Ref: 109
73.147	<i>Photodes minima</i> <b>Small Dotted Buff</b> (Haworth, 1809) Brameld, R.E. Harrison, F. 1976 Bee, L. and Sterling, M.J. 1982 Tillotson, I. 1986 Bee, L. and Parrack, J.D. 1988 Bee, L. 1989 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands and Bilhaugh	Ref: 1 Ref: 81 Ref: 57 Ref: 63 Ref: 62 Ref: 68 Ref: 36 Ref: 36
73.153	<i>Pabulatrix pabulatricula</i> <b>Union Rustic</b> (Brahm, 1791) 1886	Birklands and Bilhaugh	Ref: 48
73.154	<i>Apamea remissa</i> <b>Dusky Brocade</b> (Hübner, [1809]) Orpe, K.J. 1986 Finch, G. and Finch, A. 1986 Bee, L. and Parrack, J.D. 1987 Bee, L. 1990 Hursthouse, D. <i>et al</i> 2010 Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010 Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands West / Clipstone Old Qtr	Ref: 88 Ref: 135 Ref: 61 Ref: 68 Ref: 109 Ref: 115 Ref: 36
73.155	<i>Apamea epomidion</i> <b>Clouded Brindle</b> (Haworth, 1809) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
73.156	<i>Apamea crenata</i> <b>Clouded-bordered Brindle</b> (Hufnagel, 1766) Harrison, F. 1969 Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Tillotson, I. 1986 Finch, G. and Finch, A. 1986 Orpe, K.J. 1986 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Bee, L. 1989 Finch, G. and Finch, A. 2003 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>et al</i> 2011 Pendleton, T.A. and Pendleton, D.T. 2014	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 / Budby SF Birklands West / Clipstone Old Qtr	Ref: 81 Ref: 57 Ref: 58 Ref: 63 Ref: 135 Ref: 88 Ref: 61 Ref: 62 Ref: 68 Ref: 135 Ref: 36 Ref: 109 Ref: 36
73.157	<i>Apamea anceps</i> <b>Large Nutmeg</b> ([Denis & Schiffermüller], 1775) Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
73.158	<i>Apamea sordens</i> <b>Rustic Shoulder-knot</b> (Hufnagel, 1766)  Bee, L. and Sterling, M.J. 1982 Bee, L. and Sterling, M.J. 1983 Finch, G. and Finch, A. 1986 Tillotson, I. 1986 Orpe, K.J. 1986 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Bee, L. 1989 Bee, L. 1990 Pendleton, T.A. and Pendleton, D.T. 2009 Hursthouse, D. <i>et al</i> 2010	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: 135 Ref: 63 Ref: 88 Ref: 61 Ref: 62 Ref: 68 Ref: 68 Ref: 36 Ref: 109

73.159	<i>Apamea unanimitis</i> <b>Small Clouded Brindle</b> (Hübner, [1813])		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
73.160	<i>Apamea scolopacina</i> <b>Slender Brindle</b> (Esper, 1788)		
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 1
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 62
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
73.162	<i>Apamea monoglypha</i> <b>Dark Arches</b> (Hufnagel, 1766)		
	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
	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
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>et al</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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
73.163	<i>Apamea lithoxylaea</i> <b>Light Arches</b> ([Denis & Schiffermüller], 1775)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
73.164	<i>Apamea sublustris</i> <b>Reddish Light Arches</b> (Esper, 1788)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Elliot, B. 1975	Birklands and Bilhaugh / Budby SF	Ref: 81
73.165	<i>Apamea furva</i> <b>Confused</b> ([Denis & Schiffermüller], 1775)		
	Sterland	Birklands and Bilhaugh	Ref: 1
73.168	<i>Lateroligia ophiogramma</i> <b>Double Lobed</b> (Esper, 1794)		
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 57

73.169	<i>Mesapamea secalis</i> <b>Common Rustic</b> (Linnaeus, 1758)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
73.170	<i>Mesapamea didyma</i> <b>Lesser Common Rustic</b> (Esper, 1788)		
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
73.171	<i>Litoligia literosa</i> <b>Rosy Minor</b> (Haworth, 1809)		
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
73.172	<i>Mesoligia furuncula</i> <b>Cloaked Minor</b> ([Denis & Schiffermüller], 1775)		
	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
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>et al</i> 2007	Birklands West and Ollerton Corner	Ref: 96
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
73.173	<i>Oligia strigilis</i> <b>Marbled Minor</b> (Linnaeus, 1758)		
	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
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
73.174	<i>Oligia latruncula</i> <b>Tawny Marbled Minor</b> ([Denis & Schiffermüller], 1775)		
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60



	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 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. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
73.175	<i>Oligia versicolor</i> <b>Rufous Minor</b> (Borkhausen, 1792)		
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 63
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
73.176	<i>Oligia fasciuncula</i> <b>Middle-barred Minor</b> (Haworth, 1809)		
	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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 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>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
73.180	<i>Tiliacea aurago</i> <b>Barred Sallow</b> ([Denis & Schiffermüller], 1775)		
	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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
73.181	<i>Xanthia togata</i> <b>Pink-barred Sallow</b> (Esper, 1788)		
	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
	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
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
73.182	<i>Cirrhia icteritia</i> <b>Sallow</b> (Hufnagel, 1766)		
	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
	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

	Bee, L. 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
	Bee, L. 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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
73.183	<i>Cirrhia gilvago</i> <b>Dusky-lemon Sallow</b> ([Denis & Schiffermüller], 1775)		
	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
73.186	<i>Agrochola lychnidis</i> <b>Beaded Chestnut</b> ([Denis & Schiffermüller], 1775)		
	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
73.187	<i>Agrochola litura</i> <b>Brown-spot Pinion</b> (Linnaeus, 1761)		
	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
	Finch, G. and Finch, A. 1985	Birklands and Bilhaugh	Ref: 135
	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
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
73.188	<i>Agrochola helvola</i> <b>Flounced Chestnut</b> (Linnaeus, 1758)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Budworth, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 120
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
73.189	<i>Agrochola lota</i> <b>Red-line Quaker</b> (Clerck, 1759)		
	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

	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
73.190	<i>Agrochola macilenta</i> <b>Yellow-line Quaker</b> (Hübner, [1809])		
	Sterland and Brameld, R.E.	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
	Statham, B. 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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
73.192	<i>Agrochola circellaris</i> <b>Brick</b> (Hufnagel, 1766)		
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 1
	Elliott, B. 1983	Birklands and Bilhaugh	Ref: 58
	Statham, B. 1983	Birklands and Bilhaugh / Budby SF	Ref: 96
	Motteram, M. 1983	Birklands and Bilhaugh	Ref: 81
	Tillotson, I. 1986	Birklands and Bilhaugh / Budby SF	Ref: 81
	1990	Birklands and Bilhaugh	Ref: 63
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 68
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 55
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
73.193	<i>Omphaloscelis lunosa</i> <b>Lunar Underwing</b> (Haworth, 1809)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Budworth, D. <i>et al</i>	Birklands and Bilhaugh	Ref: 120
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
73.194	<i>Conistra vaccinii</i> <b>Chestnut</b> (Linnaeus, 1761)		
	Harrison, F. 1968	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 81
	Braddock, A. 1982	Birklands and Bilhaugh	Ref: 57
	Statham, B. 1983	Birklands and Bilhaugh	Ref: 81
		Birklands and Bilhaugh / Budby SF	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Finch, G. and Finch, A. 2004	Birklands West and Ollerton Corner	Ref: 135
	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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2012	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
73.195	<i>Conistra ligula</i> <b>Dark Chestnut</b> (Esper, 1791)		
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 58
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 61
	Wright, S. and Osborne, J.E. 2004	Birklands and Bilhaugh	Ref: 62
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Buck Gates	Ref: 83
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 109
		Birklands West / Clipstone Old Qtr	Ref: 36
73.201	<i>Lithophane socia</i> <b>Pale Pinion</b> (Hufnagel, 1766)		
	Wright, S. Osborne, J.E. and Howat, C. 2006	Birklands West / Clipstone Old Qtr	Ref: 85
	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
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
73.202	<i>Lithophane ornitopus</i> <b>Grey Shoulder-knot</b> (Dadd, 1911)		
	Wright, S. Osborne, J.E. and Fox, D.J. 2004	Birklands and Bilhaugh / Buck Gates	Ref: 83
	Pendleton, T.A. and Pendleton, D.T. 2006	Birklands and Bilhaugh	Ref: 36
	Wright, S. Osborne, J.E. and Howat, C. 2006	Birklands West / Clipstone Old Qtr	Ref: 85
	Wright, S. and Osborne, J.E. 2007	Birklands West / Clipstone Old Qtr	Ref: 86
	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
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Wright, S. and Osborne, J.E. 2014	Birklands West / Clipstone Old Qtr	Ref: 86
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2017	Birklands West / Sherwood Heath	Ref: 36
73.206	<i>Lithophane leautieri</i> <b>Blair's Shoulder-knot</b> (Boursin, 1957)		
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 55
	Wright, S. and Osborne, J.E. 2010	Birklands West and Ollerton Corner	Ref: 133
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36





	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
73.219	<i>Atethmia centrargo</i> <b>Centre-barred Sallow</b> (Haworth, 1809) Elliot, B. 1981 Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh / Budby SF	Ref: 81 Ref: 36
73.220	<i>Brachylochia viminalis</i> <b>Minor Shoulder-knot</b> (Fabricius, [1777]) Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
73.221	<i>Parastichtis suspecta</i> <b>Suspected</b> (Hübner, [1817]) Brameld, R.E. Talbot, W. Madden, G.C.R. Porritt, G.T. and Becher, W. Tarbat, J.E. Rev. 1930 Between 1961 and 1969 Harman, T.W. 1975 Sterling, M.J. 1981 Braddock, A. 1982 Bee, L. 1989 Bee, L. 1990 Wright, S. and Osborne, J.E. <i>et al</i> 2006 Wright, S. and Osborne, J.E. <i>et al</i> 2007 Pendleton, T.A. and Pendleton, D.T. 2008 Wright, S. and Osborne, J.E. 2008 Pendleton, T.A. and Pendleton, D.T. 2010 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2012 Pendleton, T.A. and Pendleton, D.T. 2013	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 Birklands and Bilhaugh Birklands and Bilhaugh Birklands West / Sherwood Heath Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands West and Ollerton Corner Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands and Bilhaugh Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 1 Ref: 10 Ref: 19 Ref: 81 Ref: 81 Ref: 81 Ref: 68 Ref: 68 Ref: 85 Ref: 86 Ref: 55 Ref: 103 Ref: 36 Ref: 36 Ref: 36 Ref: 36 Ref: 36
73.222	<i>Apterogenum ypsilon</i> <b>Dingy Shears</b> ([Denis & Schiffermüller], 1775) Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
73.224	<i>Griposia aprilina</i> <b>Merveille du jour</b> (Linnaeus, 1758) Sterland and Brameld, R.E. Braddock, A. 1983	Birklands and Bilhaugh Birklands and Bilhaugh	Ref: 1 Ref: 81
73.225	<i>Dryobotodes eremita</i> <b>Brindled Green</b> (Fabricius, 1775) 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 Bee, L. and Parrack, J.D. 1987 Bee, L. and Parrack, J.D. 1988 Bee, L. 1989 Bee, L. 1990 Pendleton, T.A. and Pendleton, D.T. 2009 Pendleton, T.A. and Pendleton, D.T. 2011 Pendleton, T.A. and Pendleton, D.T. 2013 Pendleton, T.A. and Pendleton, D.T. 2013	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 Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands and Bilhaugh Birklands and Bilhaugh / Budby SF Birklands West / Clipstone Old Qtr	Ref: 1 Ref: 81 Ref: 81 Ref: 81 Ref: 96 Ref: 58 Ref: 60 Ref: 63 Ref: 61 Ref: 62 Ref: 68 Ref: 68 Ref: 36 Ref: 36 Ref: 36 Ref: 36
73.228	<i>Antitype chi</i> <b>Grey Chi</b> (Linnaeus, 1758) Elliot, B. 1981	Birklands and Bilhaugh / Budby SF	Ref: 81
73.231	<i>Aporophyla lutulenta</i> <b>Deep Brown Dart</b> ([Denis & Schiffermüller], 1775) 1958 Braddock, A. 1983 Statham, B. 1983 Hursthouse, D. <i>et al</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
73.233	<i>Aporophyla nigra</i> <b>Black Rustic</b> (Haworth, 1809)		





	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2012	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
73.243	<i>Orthosia miniosa</i> <b>Blossom Underwing</b> ([Denis & Schiffermüller], 1775)		
	Porritt, G.T. 1871	Birklands and Bilhaugh	Ref: 1
	Brameld, R.E. 1899	Birklands and Bilhaugh	Ref: 1
73.244	<i>Orthosia cerasi</i> <b>Common Quaker</b> (Fabricius, 1775)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Finch, G. and Finch, A. 2004	Birklands West and Ollerton Corner	Ref: 135
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2012	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
73.245	<i>Orthosia cruda</i> <b>Small Quaker</b> ([Denis & Schiffermüller], 1775)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Finch, G. and Finch, A. 2004	Birklands West and Ollerton Corner	Ref: 135
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
	Joynt, G. Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 73
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36

	Hursthouse, D. <i>et al</i> 2012	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
73.246	<i>Orthosia populeti</i> <b>Lead-coloured Drab</b> (Fabricius, 1781)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Between 1961 and 1969	Birklands and Bilhaugh	Ref: 19
73.247	<i>Orthosia gracilis</i> <b>Powdered Quaker</b> ([Denis & Schiffermüller], 1775)		
	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
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
73.249	<i>Orthosia gothica</i> <b>Hebrew Character</b> (Linnaeus, 1758)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Elliott, B. Budworth, D. and Travers-Ayre, I. 1995	Birklands and Bilhaugh	Ref: 96
	Finch, G. and Finch, A. 2004	Birklands West and Ollerton Corner	Ref: 135
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2012	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
73.250	<i>Anorthoa munda</i> <b>Twin-spotted Quaker</b> ([Denis & Schiffermüller], 1775)		
	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
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Finch, G. and Finch, A. 2004	Birklands West and Ollerton Corner	Ref: 135
	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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2012	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh	Ref: 36

	Pendleton, T.A. and Pendleton, D.T. 2015	Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
73.252	<i>Tholera cespitis</i> <b>Hedge Rustic</b> ([Denis & Schiffermüller], 1775)		
	Elliot, B. 1981	Birklands and Bilhaugh	Ref: 1
	Tillotson, I. 1986	Birklands and Bilhaugh / Budby SF	Ref: 81
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh	Ref: 63
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 55
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 109
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
73.254	<i>Cerapteryx graminis</i> <b>Antler Moth</b> (Linnaeus, 1758)		
	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
	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
	Finch, G. and Finch, A. 1987	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>et al</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>et al</i> 2009	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands West / Clipstone Old Quarter	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015	Birklands and Bilhaugh / Budby SF	Ref: 156
73.255	<i>Anarta trifolii</i> <b>Nutmeg</b> (Hufnagel, 1766)		
	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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36

73.257	<i>Anarta myrtilli</i> <b>Beautiful Yellow Underwing</b> (Linnaeus, 1761)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Sterling, M.J.	Birklands and Bilhaugh / Budby SF	Ref: 81
	Wright, S. and Osborne, J.E. <i>et al</i> 2006	Birklands West / Sherwood Heath	Ref: 85
	Pendleton, T.A. and Pendleton, D.T. 2008	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 119
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Sherwood Heath	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands West / Sherwood Heath	Ref: 36
	McGeever, D. 2016	Birklands and Bilhaugh / Budby SF	Ref: 145
73.259	<i>Polia bombycina</i> <b>Pale Shining Brown</b> (Hufnagel, 1766)		
	Sterland	Birklands and Bilhaugh	Ref: 1
73.260	<i>Polia hepatica</i> <b>Silvery Arches</b> (Clerck, 1759)		
	1899	Birklands and Bilhaugh	Ref: 48
73.261	<i>Polia nebulosa</i> <b>Grey Arches</b> (Hufnagel, 1766)		
	Harrison, F. 1967	Birklands and Bilhaugh	Ref: 1
	Bee, L. and Sterling, M.J. 1982	Birklands and Bilhaugh	Ref: 81
	Young, D.A. 1982	Birklands and Bilhaugh	Ref: 57
	Bee, L. and Sterling, M.J. 1983	Birklands and Bilhaugh	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 58
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 60
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 88
	Tillotson, I. 1986	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 63
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 61
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 68
	Joynt, G. Pendleton, T.A. Pendleton, D.T. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh	Ref: 115
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands and Bilhaugh / Budby SF	Ref: 109
	Baker, P. Harte, K. and Leach, L. 2016	Birklands West / Clipstone Old Qtr	Ref: 36
		Birklands and Bilhaugh / Budby SF	Ref: 156
73.263	<i>Lacanobia w-latinum</i> <b>Light Brocade</b> (Hufnagel, 1766)		
	Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	1952	Birklands and Bilhaugh	Ref: 48
73.264	<i>Lacanobia thalassina</i> <b>Pale-shouldered Brocade</b> (Hufnagel, 1766)		
	Brameld, R.E. and Porritt, G.T.	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
	Finch, G. and Finch, A. 1986	Birklands and Bilhaugh	Ref: 135
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1989	Birklands and Bilhaugh	Ref: 68
	Bee, L. 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
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016	Birklands and Bilhaugh / Budby SF	Ref: 156
73.265	<i>Lacanobia contigua</i> <b>Beautiful Brocade</b> ([Denis & Schiffermüller], 1775)		
		Birklands and Bilhaugh	Ref: 1

	1950		Birklands and Bilhaugh	Ref: 52
	1954		Birklands and Bilhaugh	Ref: 52
	Between 1961 and 1967		Birklands and Bilhaugh	Ref: 19
	Harrison, F 1967		Birklands and Bilhaugh	Ref: 81
	Harrison, F 1968		Birklands and Bilhaugh	Ref: 81
	Reid, W. 1968		Birklands and Bilhaugh	Ref: 48
	1969		Birklands and Bilhaugh	Ref: 19
	Skinner, B. 1984		Birklands and Bilhaugh	Ref: 50
	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
	Bee, L. 1989		Birklands and Bilhaugh	Ref: 68
	Wright, S. and Osborne, J.E. <i>et al</i> 2006		Birklands West / Sherwood Heath	Ref: 85
	Wright, S. and Osborne, J.E. <i>et al</i> 2007		Birklands West and Ollerton Corner	Ref: 86
	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. 2010		Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2010		Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011		Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011		Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012		Birklands and Bilhaugh	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2016		Birklands and Bilhaugh / Budby SF	Ref: 156
73.266	<i>Lacanobia suasa</i> <b>Dog's Tooth</b> ([Denis & Schiffermüller], 1775)			
	Brameld, R.E.		Birklands and Bilhaugh	Ref: 1
73.267	<i>Lacanobia oleracea</i> <b>Bright-line Brown-eye</b> (Linnaeus, 1758)			
	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
	Finch, G. and Finch, A. 1986		Birklands and Bilhaugh	Ref: 135
	Orpe, K.J. 1986		Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987		Birklands and Bilhaugh	Ref: 61
	Bee, L. 1989		Birklands and Bilhaugh	Ref: 68
	Bee, L. 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>et al</i> 2009		Birklands and Bilhaugh / Budby SF	Ref: 109
	Hursthouse, D. <i>et al</i> 2010		Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2010		Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010		Birklands and Bilhaugh	Ref: 36
	Hursthouse, D. <i>et al</i> 2011		Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011		Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2012		Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013		Birklands and Bilhaugh / Budby SF	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013		Birklands West / Clipstone Old Qtr	Ref: 36
	Baker, P. Harte, K. and Leach, L. 2015		Birklands and Bilhaugh / Budby SF	Ref: 156
	Baker, P. Harte, K. and Leach, L. 2016		Birklands and Bilhaugh / Budby SF	Ref: 156
73.270	<i>Melanchnra persicariae</i> <b>Dot Moth</b> (Linnaeus, 1761)			
	Bee, L. and Sterling, M.J. 1982		Birklands and Bilhaugh	Ref: 1
	Bee, L and Riley, A.M. 1985		Birklands and Bilhaugh	Ref: 57
	Orpe, K.J. 1986		Birklands and Bilhaugh	Ref: 60
	Finch, G. and Finch, A. 1986		Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987		Birklands and Bilhaugh	Ref: 135
	Bee, L. 1990		Birklands and Bilhaugh	Ref: 61
	Hursthouse, D. <i>et al</i> 2010		Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2010		Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011		Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011		Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2013		Birklands West / Clipstone Old Qtr	Ref: 36

73.271	<i>Ceramica pisi</i> <b>Broom Moth</b> (Linnaeus, 1758)		
	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
	Orpe, K.J. 1986	Birklands and Bilhaugh	Ref: 88
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Finch, G. and Finch, A. 2003	Birklands West and Ollerton Corner	Ref: 135
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Joynt, G. 2010	Birklands and Bilhaugh	Ref: 73
	Hursthouse, D. <i>et al</i> 2010	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2011	Birklands West / Clipstone Old Qtr	Ref: 36
	Hursthouse, D. <i>et al</i> 2011	Birklands and Bilhaugh / Budby SF	Ref: 109
	Pendleton, T.A. and Pendleton, D.T. 2012	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2014	Birklands West / Clipstone Old Qtr	Ref: 36
73.274	<i>Mamestra brassicae</i> <b>Cabbage Moth</b> (Linnaeus, 1758)		
	Motteram, M. 1983	Birklands and Bilhaugh / Budby SF	Ref: 81
	Bee, L. and Riley, A.M. 1985	Birklands and Bilhaugh	Ref: 60
	Bee, L. and Parrack, J.D. 1987	Birklands and Bilhaugh	Ref: 61
	Bee, L. and Parrack, J.D. 1988	Birklands and Bilhaugh	Ref: 62
	Bee, L. 1990	Birklands and Bilhaugh	Ref: 68
	Pendleton, T.A. and Pendleton, D.T. 2009	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands and Bilhaugh	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2010	Birklands West / Clipstone Old Qtr	Ref: 36
	Pendleton, T.A. and Pendleton, D.T. 2013	Birklands West / Clipstone Old Qtr	Ref: 36
73.275	<i>Sideridis turbida</i> <b>White Colon</b> (Esper, 1790)		
	Brameld, R.E. 1899	Birklands and Bilhaugh	Ref: 1
73.276	<i>Sideridis rivularis</i> <b>Campion</b> (Fabricius, 1775)		
	Sterland, Brameld, R.E. and Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
73.277	<i>Sideridis reticulata</i> <b>Bordered Gothic</b> (Haworth, 1809)		
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
	Tryer, R. and Tryer, W.	Birklands and Bilhaugh	Ref: 1
	Porritt, G.T.	Birklands and Bilhaugh	Ref: 1
	Hardy, J.R.	Birklands and Bilhaugh	Ref: 1
	1916	Birklands and Bilhaugh	Ref: 1
73.279	<i>Hecatera bicolorata</i> <b>Broad-barred White</b> (Hufnagel, 1766)		
	Sterland and Brameld, R.E.	Birklands and Bilhaugh	Ref: 1
73.281	<i>Hadena bicurris</i> <b>Lychnis</b> (Hufnagel, 1766)		