**Rutland Natural History Society**

**INSECT REPORT FOR 2023 Recorder: Jayne Walker**

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**Introduction**

I would like to thank all the RNHS members and also all the non-members that have submitted insect records.

The unpredictable weather in 2023 has shown that with a hot dry late spring, followed by a wet, cold summer, heavy rainfall and unseasonal wind direction and strength; recording invertebrates and changes in their distribution and abundance takes on greater significance. Therefore, as stated in previous annual reports, all the records the RNHS submit take on more importance as they help inform us of invertebrate responses to the on-going challenges attributed to climate change.

As in 2022 BioBlitzes carried out by RNHS have contributed to the 2023 records, a successful visit to Wing Water Treatment Works and a joint meeting with the Leicestershire and Rutland Entomological Society at Panter’s Orchard.

It should be noted that gall records are not included in this report.

**Record**

A total of 262 records was received in 2023 compared to 361 total records in 2022 and these are broken down by Group, Species and month of record. Where no records have been received for species groups a ‘nil’ return has not been included in the report below e.g. *Zygentoma* – Silverfish.

The 262 records represented 151 defined species, and 11 records where specimens were not identified beyond genus level. The records included nine species with a Conservation Status (*Any designated status, such as Red Data listing, or Species of Principal Importance under the NERC Act.*).

These include the NERC S41 Priority Species – the ruderal bumblebee *Bombus ruderatus, and* six records of Notable B Species including:

* The red-tailed cuckoo bee *Bombus rupestris* recorded in Martinsthorpe*.*
* The solitary bee *Osmia bicolor* with two records at Ketton Quarry*,*
* the scarce fungus weevil *Plathyrhinus resinosus* recorded at Rutland Water,
* the root weevil *Mogulones geographicus* recorded at Ketton Quarry*,* and
* the plant hopper *Asiraca clavicornis* recorded at Rutland Water*.*

Further records of note include two Nationally Scarce (NS) species, the black-and-red pot beetle *Cryptocephalus bipunctatus* recorded at Rutland Water*,* and the tortoise bug *Eurygaster maura* recorded at Wing Hill Allotments*.* The final species with a Conservation status was represented by a record of the RDB3 mirid bug *Lygus pratensis* recorded in Leighfield*.*

Where identification of an insect has required further research; these have been referred to Naturespot[[1]](#footnote-1) and *pers.com* to RNHS, LRES members and non-member entomologists.

Records have been submitted from Society members by email, some with photographs attached to corroborate identification, using the recorders spreadsheet available on the RNHS website and paper records through the post.

A full list of records can be found in Tables 1 to 10: in the main body of the report and a list of contributors and thanks can be found at the end of the report. A copy of these records will be forwarded to the County Recorder.

**Species Summary**

*Ephemeroptera - Mayflies*

Three records were noted for Mayflies, which are detailed below in Table 1.

Table 1. *Ephemeroptera* Records

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **May** |  |  |  |  |  |
|  | *Ephemera danica* | Exton | Vicars Close | SK 1278 1098 | 1 |
|  | *Ephemera danica* | Martinsthorpe | Near river Gwash. | SK 8616 0503 | 1 |
| **August** |  |  |  |  |  |
|  | *Cloeon dipterum* | Exton | Vicars Close | SK 1278 1098 | 1 |

*Odonata - Dragonflies and Damselflies*

A total of 55 records were received for Dragonflies and Damselflies between the months of May and October; overall 20 species were recorded at various sites across the County. It is noted that the Lesser Emperor Dragonfly (*Anax parthenope*) found dead at Rutland Water Nature Reserve is a ‘rare vagrant’ in VC55. The White-legged Damselfly (*Platycnemis pennipes*) was recorded in July in VC55; NatureSpot records that here in Rutland ‘we are at the northern edge of its range’. Details of the Odonata records are provided in Table 2, below.

Table 2: *Odonata* Records

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **May** |  |  |  |  |  |
| Hairy Dragonfly | *Brachytron pratense* | Leighfield fishponds | Near middle pond. | SK 8314 0374 | 1 |
| Broad-bodied Chaser | *Libellula depressa* | Wing allotment | Near my pond. | SK 8891 0288 | 1 |
| Broad-bodied Chaser | *Libellula depressa* | Wing allotment | Near my pond. | SK 8891 0288 | 1 |
| Broad-bodied Chaser | *Libellula depressa* | Wing allotment | Near my pond. | SK 8891 0288 | 1 |
| Large Red Damselfly | *Pyrrhosoma nymphula* | Exton | Vicars Close, LE15 8AW | SK 1278 1098 | 1 |
| Broad-bodied Chaser | *Libellula depressa* | Stamford | Waverley Gardens | TF 193 077 | 1 |
| Broad-bodied Chaser | *Libellula depressa* | Stamford | Waverley Gardens | TF 193 077 | 1 |
| Large Red Damselfly | *Pyrrhosoma nymphula* | Stamford | Waverley Gardens | TF 193 077 | 1 |
| Common Blue Damselfly | *Enallagma cyathigerum* | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| Azure Damselfly | *Coenagrion puella* | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| Large Red Damselfly | *Pyrrhosoma nymphula* | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| Blue-tail Damselfly | *Ischnura elegans* | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| Four-spotted Chaser | *Libellula quadrimaculata* | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| Hairy Dragonfly | *Brachytron pratense* | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| Broad-bodied Chaser | *Libellula depressa* | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| **June** |  |  |  |  |  |
| Common Darter | *Sympetrum striolatum* | Ketton Quarry |  | SK 980 060 | 1 |
| Four-spotted Chaser | *Libellula quadrimaculata* | Ketton Quarry |  | SK 980 060 | 2 |
| Four-spotted Chaser | *Libellula quadrimaculata* | Leighfield  | Leighfield Fishponds | SK 8314 0374 | 3 |
| Emperor Dragonfly | *Anax imperator* | Martinsthorpe | The Ridge | SK 8577 0468 | 1 |
| Black-tailed Skimmer | *Orthetrum cancellatum* | Martinsthorpe | The Ridge | SK 8577 0468 | 1 |
| Banded Demoiselle | *Calopteryx splendens* | Pilton | Near river Chater and railway. | SK 9093 0354 | 2 |
| Southern Hawker | *Aeshna cyanea* | Wing  | Wing Hill Allotment | SK 8891 0288 | 1 |
| Common Blue Damselfly | *Enallagma cyathigerum* | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| Azure Damselfly | *Coenagrion puella* | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| Large Red Damselfly | *Pyrrhosoma nymphula* | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| Blue-tail Damselfly | *Ischnura elegans* | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| Emerald Damselfly | *Lestes sponsa* | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| Red-eyed Damselfly | *Erythromma najas* | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| Hairy Dragonfly | *Brachytron pratense* | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| Emperor Dragonfly | *Anax imperator* | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| Four-spotted Chaser | *Libellula quadrimaculata* | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| Black-tailed Skimmer | *Orthetrum cancellatum* | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| Ruddy Darter | *Sympetrum sanguineum* | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| Lesser Emperor Dragonfly (dead) | *Anax parthenope* | Rutland Water | RWNR ponds. | SK 879 071 | 1 |
| Brown Hawker | *Aeshna grandis*  | Rutland Water | RWNR ponds. | SK 879 071 | ? |
| Emperor Dragonfly | Anax imperator | Ridlington | Garden | SK 851 027 | 1 |
| Emperor Dragonfly | *Anax imperator* | Exton | Vicars Close | SK 1278 1098 | 1 |
| Emperor Dragonfly | *Anax imperator* | Exton | Vicars Close | SK 1278 1098 | 1 |
| **July** |  |  |  |  |  |
| Common Darter | *Sympetrum striolatum* | Wing  | Wing Hill Allotment | SK 8891 0288 | 1 |
| Emperor Dragonfly | *Anax imperator* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 |
| Southern Hawker | *Aeshna cyanea* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 |
| Broad-bodied Chaser | *Libellula depressa* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 |
| Migrant Hawker | *Aeshna mixta* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 |
| White-legged Damselfly | *Platycnemis pennipes* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 |
| Emperor Dragonfly | *Anax imperator Eng* | Leighfield | High northern track. | SK 8222 0532 | 1 |
| Ruddy Darter | *Sympetrum sanguineum* | Leighfield | High northern track. | SK 8222 0532 | 6 |
| Emerald Damselfly | *Lestes sponsa* | Leighfield | North west tracks. | SK 8255 0456 | 1 |
| Brown Hawker | *Aeshna grandis*  | Ketton Quarry |  | SK 908 060 | 1 |
| Common Darter | *Sympetrum striolatum*  | Ketton Quarry |  | SK 908 060 | 8 |
| Migrant Hawker | *Aeshna mixta* | Ketton Quarry |  | SK 908 060 | 2 |
| **August** |  |  |  |  |  |
| Southern Hawker | *Aeshna cyanea* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 |
| **September** |  |  |  |  |  |
| Common Darter | *Sympetrum striolatum* | Ketton Quarry |  | SK 980 060 | 50+ |
| **October** |  |  |  |  |  |
| Migrant Hawker | *Aeshna mixta* | Manton area |  | SK 8743 0467 | 2 |
| Migrant Hawker | *Aeshna mixta* | Manton area |  | SK 8794 0503 | 1 |
| Common Darter | *Sympetrum striolatum* | Ketton Quarry |  | SK 980060 | 50+ |

*Arachnida - spiders*

Six records have been submitted for Arachnids between the months of April and August, which record six different species of spider. Spiders inhabit a vast range of habitats, and it would be wonderful if we got more records for this group. Details of the Arachnid records are provided in Table 3, below.

Table 3: *Arachnida* Records

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **April** |  |  |  |  |  |
| Jumping Spider | *Salticus scenicus* | Exton | Vicars Close | SK 1278 1098 | 1 |
| **May** |  |  |  |  |  |
| Cucumber Green Orb Spider. | *Araniella cucurbitina sensu lato* | Stoke Dry | Field overlooking Eyebrook reservoir. | SP 849 978 | 1 |
| Wolf Spider | *Pardosa amentata* | Wing allotment. | My plot. | SK 8891 0288 | 1 |
| Orb Spider | *Tetragnatha montana* | Wing allotment. | My plot. | SK 8891 0288 | 1 |
| Nursery Web Spider | *Pisaura mirabilis* | Wing allotment. | My plot. | SK 8891 0288 | 1 |
| **August** |  |  |  |  |  |
| Garden Cross Spider | *Araneus diadematus* | Exton | Vicars Close | SK 1278 1098 | 1 |

*Hemiptera – Bugs*

A total of 36 records were received, which representing sightings of 34 different Hemiptera species, for the period between May and November. The Nationally Notable Plant Hopper *(Asiraca clavicornis)*, is a first for VC55 and perhaps the Midlands. In addition, *Stictopleurus abutilon* is recorded in VC55 as ‘Status Unknown’. Extinct in 1992 it is thought to have been reintroduced in southern UK and now spreading northwards. Other records include *Leptopterna ferrugata* and *Phytocoris varipes* are recorded at ‘Status Unknown’ in VC55 by NatureSpot. Details of the Hemiptera records are provided in Table 4, below.

Table 4: *Hemiptera* Records

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***May*** |  |  |  |  |  |
|  |  |  |  |  |  |
| Red and Black Froghopper | *Cercopis vulnerata* | Stoke Dry | Field overlooking Eyebrook reservoir. | SP 849 978 | 1 |
| Blue Shieldbug | *Zicrona caerulea* | Rutland Water | Gorse Close area. | SK 8882 0627 | 1 |
| Plant Hopper | *Asiraca clavicornis* | Rutland Water Nature Reserve, |  | SK 8821 0758 | 1 |
| Beech Aphid | *Phyllaphis fagi* | Oakham, Summerfield | Garden | SK 864 096 | 1 |
| **June** |  |  |  |  |  |
|  | *Stictopleurus abutilon* | Wing  | Wing Hill Allotment | SK 8891 0288 | 1 |
| **July** |  |  |  |  |  |
| Blue Shieldbug | *Zicrona caerulea* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 |
| Pied Shieldbug | *Tritomegas bicolor* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 |
| Tortoise Shieldbug | *Eurygaster testudinaria* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 |
| Red-legged Shieldbug | *Pentatoma rufipes* | Wing | Wing Hill Allotment | SK 8891 0288 | 2 |
| Bronze Shieldbug | *Troilus luridus* | Leighfield | North west tracks. | SK 8216 0486 | 1 |
| Ant Damsel Bug | *Himacerus mirmicoides* | Rutland water | Gibbet Gorse Meadows | SK 9023 0575 | 1 |
| Bug | *Lygus pratensis* | Leighfield | North West tracks | SK 8216 0486 | 1 |
| Mirid Bug | *Campyloneura virgula* | Leighfield | North West tracks | SK 8216 0486 | 1 |
| Mirid Bug | *Heterotoma planicornis* | Leighfield | North West tracks | SK 8216 0486 | 6 |
| Bug | *Leptopterna ferrugata* | Leighfield | North West tracks | SK 8216 0486 | 1 |
| Bug | *Phytocoris ulmi* | Leighfield | North West tracks | SK 8216 0486 | 2 |
| Bug | *Stenotus binotatus* | Rutland Water | Gibbet Gorse Meadows | SK 9023 0575 | 1 |
| Mirid Bug | *Stenodema laevigata* | Rutland Water | Gibbet Gorse Meadows | SK 9023 0575 | 1 |
| Bug | *Phytocoris varipes* | Rutland Water | Gibbet Gorse Meadows | SK 9023 0575 | 1 |
| Red-legged Shieldbug | *Pentatoma rufipes* | Ridlington | Garden | SK 851 027 | 1 |
| Juniper Shieldbug | *Cyphostethus tristriatus* | Ridlington | Garden | SK 851 027 | 1 |
| **August** |  |  |  |  |  |
| Spiked Shieldbug | *Picromerus bidens* | Ketton Quarry | Field next to carpark. | SK 980 060 | 1 |
| Eared Leafhopper | *Ledra aurita* | Oakham | Mendip Road | SK 8404 7083 | 1 |
| Green Shieldbug | *Palomena prasina* | Exton | Vicars Close | SK 1278 1098 | 1 |
| Green Shieldbug | *Palomena prasina* | Exton | Vicars Close | SK 1278 1098 | 1 |
| **September** |  |  |  |  |  |
| Eared Leafhopper | *Ledra aurita* | Priors Coppice |  | SK 832 049 |  |
| Blue Shieldbug | *Zicrona caerulea* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 |
| Brassica Bug/Crucifer Shieldbug | *Eurydema oleracea* | Wing | Wing Hill Allotment | SK 8891 0288 | 3 |
| Common Green Shieldbug | *Palomena prasina* | Wing | Wing Hill Allotment | SK 8891 0288 | 6 |
| Sloe Bug/Hairy Shieldbug | *Dolycoris baccarum* | Wing | Wing Hill Allotment | SK 8891 0288 | 4 |
| Woundwort Shieldbug | *Eysarcoris venustissimus* | Wing | Wing Hill Allotment | SK 8891 0288 | 10 |
| Tortoise Shieldbug | *Eurygaster maura* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 |
| Leafhopper | *Evacanthus interruptus* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 |
| Scentless Plant Bug | *Rhopalus subrufus* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 |
| **November** |  |  |  |  |  |
| Common Green Shieldbug | *Palomena prasina* | Manton | Back garden | SK 8800 0465 | 1 |

*Neuroptera -* Lacewings and Ant - lions

Two records for Lacewings have been received and the details are shown below in Table 5.

Table 5. *Neuroptera -* Lacewings and Ant - lions

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **May** |  |  |  |  |  |
| Pearly green lacewing | *Chrysopa perla* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 |
| Lacewing sp | *Chrysopidae sp.* | Wing | Water Treatment Works | SK 890 846 | 1 |

*Megaloptera –* Alderflies.

No Alderfly records were submitted in 2023.

*Coleoptera – Beetle*

A total of 63 records have been submitted, which represent 35 species identified between January and December, the earliest and latest records being attributed to a Ladybird species. A ground beetle, *Ophonus ardosiacus* was recorded at Wing. This is classed as ‘Rare’ in VC55 with only two records up to March 2015. It is classes as ‘Nationally Scare B’. A weevil *Mogulones geographicus* was recorded at Ketton Quarry and is an unusual record, with only four records in VC55 up to 2015. The Scarce Fungus Weevil(*Platyrhinus resinosus*) was last recorded in 2015 in VC55 according to NatureSpot. The leaf beetle *Cryptocephalus pusillus* was recorded at Leighfield; this is classed as ‘Infrequent’ in VC55 and there were only ‘10 records for this species up to March 2015’ according to NatureSpot. Details of the Coleoptera records are provided in Table 7, below.

Table 7: Coleoptera Records

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **January** |   |   |   |   |   |   |
| Orange Ladybird | *Halyzia sedecimguttata* | Stoke Woods |   | SP 845 978 | 1 | 26/01/2023 |
| Ash Bark Beetle | *Hylesinus varius* | Stoke Woods |   | SP 845 978 | 1 | 26/01/2023 |
| **March** |  |   |   |   |   |   |
| 7-Spot Ladybird | *Coccinella 7-punctata* | Oakham | Barmstedt Drive | SK 8609 2852 | 1 | 22/03/2023 |
| **April** |  |   |   |   |   |   |
| 7-Spot Ladybird | *Coccinella 7-punctata* | Exton | Vicars Close | SK 1278 1098 | 1 | 07/04/2023 |
| Green Tiger Beetle | *Cicindela campestris* | Ketton Quarry |   | SK 980 060 | 2 | 17/04/2023 |
| 7-Spot Ladybird | *Coccinella 7 punctata* | Ketton Quarry |   | SK 980060 | 3 | 18/04/2023 |
| Green Tiger Beetle | *Cicindela campestris* | Ketton Quarry |   | SK 980060 | 2 | 15/04/2023 |
| Pine Ladybird | *Exochomus quadripustulatus* | Oakham | Barmstedt Drive | SK 8609 2852 | 1 | 23/04/2023 |
| 10-Spot Ladybird | *Adalia 10-punctata* | Manton | St Mary's Road | SK 8800 0465 | 1 | 20/04/2023 |
| **May** |  |   |   |   |   |   |
| Scarce Fungus Weevil | *Platyrhinus resinosus* | Rutland Water | Gorse Close area. | SK 887 061 | 1 |  |
| Green Tiger Beetle | *Cicindela campestris* | Ketton Quarry |   | SK 980 060 | 2 | 01/05/2023 |
| Cardinal Beetle | *Pyrochroa coccinea* | Ketton Quarry |   | SK 980 060 | 1 | 11/05/2023 |
| Kidney-spot Ladybird | *Chilocorus renipustulatus* | Wing Allotment | My plot. | SK 8891 0288 | 1 | 21/05/2023 |
| 24-spot Ladybird | *Subcoccinella 24-punctata* | Rutland Water | Gorse Close area. | SK 8882 0627 | 1 | 11/05/2023 |
| 16-spot Ladybird | *Tytthaspis 16-punctata* | Leighfield | West side of area. | SK 8094 0321 | 1 | 18/05/2023 |
| Rufous-shouldered Longhorn Beetle | *Anaglyptus mysticus* | Rutland Water | Lax Hill area. | SK 8882 0627 | 1 | 15/05/2023 |
| Variable Longhorn Beetle | *Stenocorus meridianus* | Leighfield  | West side of area. | SK 8094 0321 | 1 | 18/05/2023 |
| Varied Carpet Beetle | *Anthrenus verbasci* | Oakham | Summerfield | SK864 096 | 1 | 07/05/2023 |
| 22 - Spot Ladybird | *Psyllobora 22-punctata* | Wing Allotment | My plot. | SK 8891 0288 | 1 | 21/05/2023 |
| **June** |  |   |   |   |   |   |
| Rufous-shouldered Longhorn Beetle | *Anaglyptus mysticus* | Pilton | Lane north of village. | SK 9104 0328 | 1 | 12/06/2023 |
| Variable Longhorn Beetle | *Stenocorus meridianus* | Pilton | Lane north of village. | SK 9104 0328 | 2 | 12/06/2023 |
| Golden-bloomed Grey Longhorn Beetle | *Agapanthia villosoviridescens* | Martinsthorpe | The Ridge | SK 8577 0468 | 1 | 03/06/2023 |
| Fairy-ring Longhorn Beetle | *Pseudovadonia livida* | Wing  | Wing Hill Allotment | SK 8891 0288 | 1 | 15/06/2023 |
| Common Grammoptera | *Grammoptera ruficornis* | Wing  | Wing Hill Allotment | SK 8891 0288 | 1 | 10/06/2023 |
| Ground Beetle | *Ophonus ardosiacus* | Wing  | Wing Hill Allotment | SK 8891 0288 | 1 | 17/06/2023 |
| Thick-thighed Flower Beetle | *Oedemera noblis* | Exton | Vicars Close | SK 1278 1098 | 1 | 11/06/2023 |
| Root Weevil | *Mogulones geographicus* | Ketton Quarry |   | SK 9778 0512 | 1 | 22/06/2023 |
| Pot Beetle | *Cryptocephalus bipunctatus* | Ketton Quarry |   | SK 9778 0512 | Many | 22/06/2023 |
| **July** |  |   |   |   |   |   |
| Lesser Stag Beetle | *Dorcus parallelipipedus* | Wing  | Wing Hill Allotment | SK 8891 0288 | 1 | 03/07/2023 |
| Fairy-ring Longhorn Beetle | *Pseudovadonia livida* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 | 02/07/2023 |
| Fairy-ring Longhorn Beetle | *Pseudovadonia livida* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 | 04/07/2023 |
| Fairy-ring Longhorn Beetle | *Pseudovadonia livida* | Leighfield | North west tracks. | SK 8216 0486 | 1 | 09/07/2023 |
| Common Red Soldier Beetle | *Rhagonycha fulva* | Leighfield | North west tracks. | SK 8216 0486 | 145 | 09/07/2023 |
| Common Red Soldier Beetle | *Rhagonycha fulva* | Leighfield | North west tracks. | SK 8216 0486 | 211 | 13/07/2023 |
| 10-spot Ladybird | *Adalia 10-punctata* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 | 06/07/2023 |
| Harlequin Ladybird | *Harmonia axyridis* | Leighfield | North west tracks. | SK 8216 0486 | 20 | 09/07/2023 |
| 7-spot Ladybird | *Coccinella 7-punctata* | Rutland water | Gibbet Gorse Meadows | SK 9023 0575 | >100 | 12/07/2023 |
| 7-spot Ladybird | *Coccinella 7-punctata* | Ketton Quarry |   | SK 908 060 | 3 | 17/07/2023 |
|   | *Stenocorus meridianus* | On bramble leaf. | Pickworth Great Wood | SK 97786 14809 | 1 | 21/07/2023 |
| Harlequin Ladybird | *Harmonia axyridis* | Barleythorpe |   | SK 850 099 | 1 | 07/07/2023 |
| 10-Spot Ladybird | *Adalia 10-punctata* | Exton | Vicars Close | SK 1278 1098 | 1 | 07/07/2023 |
| 7-Spot Ladybird | *Coccinella 7 punctata* | Pilton |   | SK 9104 0328 | 20 | 10/07/2023 |
| Fairy-ring Longhorn Beetle | *Pseudovadonia livida* | Exton | Vicars Close | SK 1278 1098 | 1 | 01/07/2023 |
| Common Red Soldier Beetle | *Rhagonycha fulva* | Exton | Vicars Close | SK 1278 1098 | 1 | 01/07/2023 |
| 10-Spot Ladybird | *Adalia 10-punctata* | Exton | Vicars Close | SK 1278 1098 | 1 | 05/07/2023 |
| Harlequin Ladybird | *Harmonia axyridis f. succinea* | Exton | Vicars Close | SK 1278 1098 | 1 | 10/07/2023 |
| **August** |  |   |   |   |   |   |
| False Ladybird | *Endomychus coccineus* | Exton | Vicars Close | SK 1278 1098 | 1 | 09/08/2023 |
|  Dor beetle | *Geotrupes stercorarius* | Exton | Vicars Close | SK 1278 1098 | 1 | 14/08/2023 |
| Harlequin Ladybird | *Harmonia axyridis* | Exton | Vicars Close | SK 1278 1098 | 1 | 13/08/2023 |
| Rosemary Beetle  | *Chrysolina americana* | Home |   | SK 854 083 | 1 | 24/08/2023 |
| **September** |  |   |   |   |   |   |
| Harlequin Ladybird | *Harmonia axyridis* | Exton | Vicars Close | SK 1278 1098 | 1 | 24/09/2023 |
| Leaf Beetle | *Cryptocephalus pusillus* | Leighfield | Holygate road/track highest part | SK 8095 0321 | 1 | 03/08/2023 |
| Red Longhorn Beetle | *Stictoleptura rubra* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 | 11/08/2023 |
| 2-spot Ladybird | *Adalia 2-punctata* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 | 07/08/2023 |
| 14-spot Ladybird | *Propylea 14-punctata* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 | 07/08/2023 |
| A ground beetle | *Curtonotus aulicus* | Gunthorpe area near RW. | Footpath east of main road. | SK 8776 0564 | 2 | 20/08/2023 |
| 7-spot Ladybird | *Coccinella septempunctata* | Ketton Quarry |   | SK 980 060 | 2 | 23/09/2023 |
| Devils Coach Horse | *Ocypus olens* | Ketton Quarry |   | SK 980 060 | 1 | 23/09/2023 |
| **October** |  |   |   |   |   |   |
| 2-spot Ladybird | *Adalia 2-punctata* | Manton | My back yard. | SK 8800 0465 | 1 | 05/10/2023 |
| Harlequin Ladybird | *Harmonia axyridis* | Manton  | Front garden | SK 8800 0465 | 1 | 29/10/2023 |
| **November** |  |   |   |   |   |   |
| 7-spot Ladybird | *Coccinella septempunctata* | Oakham | Barmstedt Drive | SK 8609 2852 | 5 | 10/11/2023 |
| Harlequin Ladybird | *Harmonia axyridis* | Oakham | Barmstedt Drive | SK 8609 2852 | 2 | 10/11/2023 |
| **December** |  |   |   |   |   |   |
| 7-spot ladybird | *Coccinella 7-punctata* | Wing  | Crown Well bridge area. | SK 8848 0334 | 1 | 24/12/2023 |

*Diptera - Flies*

A total of 42 records were received between March and November which represents 33 species. The earliest record was attributed to a specimen of the Common Drone Fly, *Eristalis tenax* which was recorded in March (this species overwinters as an adult), followed by the Dark-edged Bee Fly *Bombylius major*. A Four-barred Major Soldier Fly (*Oxycera rara*) was recorded in Wing and is recorded as an ‘Occasional record for VC55’ by NatureSpot. Hoverflies *Eristalinus sepulchralis* and *Parhelophilus frutetorum* recorded at Manton, with the former being noted as ‘Local due to dependence on suitable habitat’ and the latter, an ‘Infrequent visitors to VC55’ according to NatureSpot. In addition, the hoverfly *Helophilus trivittatus* recorded at Rutland Water is noted as ‘Uncommon’ in Leicester and Rutland’ by NatureSpot. Details of the *Diptera* records are provided in Table 8, below.

Table 8: *Diptera* Records

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***March*** |  |   |   |   |   |   |
| Common dronefly | *Eristalis tenax* | Exton | Vicars Close | SK 1278 1098 | 1 | 20/03/2023 |
| Common dronefly | *Eristalis tenax* | Exton | Vicars Close | SK 1278 1098 | 1 | 30/03/2023 |
| Dark-Edged Bee Fly | *Bombylius major* | Exton | Vicars Close | SK 1278 1098 | 2 | 31/03/2023 |
| **April** |  |   | Vicars Close |   |   |   |
| Dark-Edged Bee Fly | *Bombylius major* | Exton | Vicars Close | SK 1278 1098 | 3 | 07/04/2023 |
| Migrant hoverfly | *Eupeodes corollae* | Exton | Vicars Close | SK 1278 1098 | 2 | 07/04/2023 |
| **May** |  |   |   |   |   |   |
| Dark-Edged Bee Fly | *Bombylius major* | Oakham | Barmstedt Drive | SK 8609 2852 | 1 | 01/05/2023 |
| Hoverfly | *Volucella bombylans* | Stoke Dry | Field overlooking Eyebrook reservoir | SP 849 978 | 1 | 25/05/2023 |
| **June** |  |   |   |   |   |   |
| Dark-Edged Bee Fly | *Bombylius major* | Ketton Quarry |   | SK 980 060 | 4 | 09/06/2023 |
| Large Marsh Horsefly  | *Tabanus autumnalis*  | Wing  | Wing Hill Allotment. | SK 8891 0288 | 1 | 13/06/2023 |
| Banded General | *Stratiomys potamida* | Wing  | Wing Hill Allotment. | SK 8891 0288 | 1 | 26/06/2023 |
| Hoverfly | *Parhelophilus frutetorum* | Leighfield  | Leighfield Fishponds | SK 8314 0374 | 2 | 03/06/2023 |
| Verrall's Wasp Hoverfly | *Chrysotoxum verralli* | Wing  | Wing Hill Allotment | SK 8891 0288 | 1 | 19/06/2023 |
| Hoverfly | *Volucella inanis* | Wing  | Wing Hill Allotment | SK 8891 0288 | 1 | 21/06/2023 |
| Chloropid Fly | *Thaumatomyia glabra* | Exton | Vicars Close | SK 1278 1098 | 1 | 11/06/2023 |
| Pellucid Hoverfly | *Volucella pellucens* | Exton | Vicars Close | SK 1278 1098 | 1 | 08/06/2023 |
| Batman Hoverfly | *Myathropa florea* | Exton | Vicars Close | SK 1278 1098 | 1 | 08/06/2023 |
| Chloropid Fly | *Thaumatomyia* sp | Exton | Vicars Close | SK 1278 1098 | 1 | 08/06/2023 |
| Long Hoverfly | *Sphaerophoria scripta* | Exton | Vicars Close | SK 1278 1098 | 1 | 06/08/2023 |
| Stiletto Fly | *Thereva nobilitata* | Exton | Vicars Close | SK 1278 1098 | 1 | 27/06/2023 |
| **July** |  |   |   |   |   |   |
| Verrall's Wasp Hoverfly | *Chrysotoxum verralli* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 | 03/07/2023 |
| Hoverfly | *Volucella inanis* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 | 04/07/2023 |
| Four-barred Major (Soldier Fly) | *Oxycera rara* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 | 05/07/2023 |
| Hoverfly | *Eristalinus sepulchralis* | Manton  | St Marys Road | SK 8800 0465 | 1 | 12/07/2023 |
| Hoverfly | *Parhelophilus frutetorum* | Manton  | St Marys Road | SK 8800 0465 | 1 | 12/07/2023 |
| Marmalade Hoverfly | *Episyrphus balteatus* | Leighfield | North West tracks. | SK 8216 0486 | 464 | 09/07/2023 |
| Marmalade Hoverfly | *Episyrphus balteatus* | Leighfield | North West tracks. | SK 8216 0486 | 215 | 13/07/2023 |
| Black Snipefly | *Chrysopilus cristatus* | Leighfield | North West tracks. | SK 8216 0486 | 5 | 13/07/2023 |
| Hoverfly | *Platycheirus* sp | Exton | Vicars Close | SK 1278 1098 | 1 | 05/07/2023 |
| Hoverfly | *Helophilus trivittatus* | Rutland Water | Berrybutt Spinneys | SK 9075 0596 | 1 | 21/07/2023 |
| **August** |  |   |   |   |   |   |
| Hornet Mimic Hoverfly | *Volucella zonaria* | Rhyll | Bank of the River Guash. | TF 023 110 | 1 | 06/08/2023 |
| Sawfly | *Sirex noctilio* | Rutland Water | Lodge | SK 9302 0583 | 1 | 24/08/2023 |
| Large Rose Sawfly | *Arge pagana* | Exton | Vicars Close | SK 1278 1098 | 1 | 06/08/2023 |
| Common tachina | *Tachina fera* | Exton | Vicars Close | SK 1278 1098 | 1 | 25/08/2023 |
| **September** |  |   |   |   |   |   |
| Twin-spot centurion | *Sargus bipunctatus* | Exton | Vicars Close | SK 1278 1098 | 1 | 24/09/2023 |
| Deer-fly | *Chrysops relictus* | RW Lyndon | Meadow area on moth trap | SK 895 057 | 1 | 04/09/2023 |
| **October** |  |   |   |   |   |   |
| Migrant hoverfly | *Eupeodes corollae* | Manton | Back Yard. | SK 8800 0465 | 1 | 17/10/2023 |
| Marmalade Hoverfly | *Episyrphus balteatus* | Manton | Front garden | SK 8800 0465 | 1 | 29/10/2023 |
| Common dronefly | *Eristalis tenax* | Manton | Front garden | SK 8800 0465 | 1 | 29/10/2023 |
| **November** |  |   |   |   |   |   |
| Marmalade Hoverfly | *Episyrphus balteatus* | Manton | Front garden | SK 8800 0465 | 1 | 23/11/2023 |
| Common Snout-hoverfly | *Rhingia campestris* | Manton | Front garden | SK 8800 0465 | 1 | 18/11/2023 |

*Trichoptera– Caddisflies*

Two records for caddisflies were recorded, details of which are shown below.

Table 9*: Trichoptera* Records

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **April** |  |  |  |  |  |  |
| Diamond northern caddisfly | *Limnephilus rhombicus* | Egleton Nature Reserve  | Pond near Snipe Hide |  | 4 | 08/04/2023 |
| **July** |  |  |  |  |  |  |
| Cinnamon sedge | *Limnephilus lunatus* | Oakham | Mendip Road | SK 8404 7083 | 1 | 02/07/2023 |

*Hymenoptera - Ants, Wasps, Bees & Relatives*

A total of 55 records were received between March and December, which represented 31species. The earliest record was of a Honey Bee, *Apis mellifera* which was received in January, with records also received for December. As in 2022, *Osmia bicolor* has been recorded at Ketton Quarry and this is a Notable B Species. In addition, the Wood-carving Leafcutter Bee (*Megachile ligniseca*) was recorded at Wing and this is noted as ‘Infrequent in Leicestershire and Rutland’ by NatureSpot. A Privet Sawfly (*Macrophya punctumalbum*) was recorded at Gibbet Gorse meadows and is thought to be a rare record for VC55.

The Ruderal Bumblebee, *Bombus ruderatus* was recorded at Pilton, which is a Notable B and NERC S41 Priority Species.Details are shown below in Table 10.

Table 10: *Hymenoptera* Records

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **March** |  |  |  |  |  |  |
| Honey Bee | *Apis mellifera* | Exton | Vicars Close | SK 1278 1098 | many | 30/03/2023 |
| **April** |  |  |  |  |  |  |
| Large Red-tailed Bumblebee | *Bombus lapidarius* | Exton | Vicars Close | SK 1278 1098 | 1 | 07/04/2023 |
| Honey Bee | *Apis mellifera* | Exton | Vicars Close | SK 1278 1098 | Many | 07/04/2023 |
| Red-tailed Mason Bee | *Osmia bicornis* | Exton | Vicars Close | SK 1278 1098 | 4 | 07/04/2023 |
| Common Carder Bee | *Bombus pascuorum* | Exton | Vicars Close | SK 1278 1098 | 2 | 08/04/2023 |
| White-tailed Bumblebee | *Bombus lucorum agg.* | Exton | Vicars Close | SK 1278 1098 | 2 | 08/04/2023 |
| Two-coloured Mason Bee | *Osmia bicolor* | Ketton Quarry |  | SK 980 060 | 1 | 17/04/2023 |
| Red-tailed Mason Bee | *Osmia bicornis* | Ketton Quarry |  | SK 980060 | 1 | 15/04/2023 |
| Buff-tailed Bumblebee | *Bombus terrestris* | Ketton Quarry |  | SK 980060 | 2 | 03/04/2023 |
| Common Carder Bee | *Bombus pascuorum* | Ketton Quarry |  | SK 980060 | 1 | 03/04/2023 |
| Tawny Mining Bee | *Andrena fulva* | Oakham | Summerfield | SK864 096 | 1 | 09/04/2023 |
|  | *Ichneumon stramentor* | Exton | Vicars Close | SK 1278 1098 | 1 | 16/04/2023 |
| Ashy Mining Bee | *Andrena cineraria* | Exton | Vicars Close | SK 1278 1098 | 1 | 20/04/2023 |
| Hairy-footed Flower Bee | *Anthophora plumipes* | Oakham | Mendip Road | SK8408 7083 | 1 | 15/04/2023 |
| Hairy-footed Flower Bee | *Anthophora plumipes* | Exton | Vicars Close | SK 1278 1098 | 3 | 15/04/2023 |
| Tawny Mining Bee | *Andrena fulva* | Exton | Vicars Close | SK 1278 1098 | 2 | 17/04/2023 |
| Ashy Mining Bee | *Andrena cineraria* | Exton Park |  | SK 9172 1210 | 1 |  |
| Goodens Nomad Bee | *Nomada goodeniana* | Exton Park |  | SK 9172 1210 | 1 | 20/04/2023 |
| **May** |  |  |  |  |  |  |
| Red-tailed Mason Bee | *Osmia bicolor* | Ketton Quarry |  | SK 980 060 | 1 | 01/05/2023 |
| Red-tailed Cuckoo Bee | *Bombus rupestris* | Martinsthorpe | Near River Gwash. | SK 8605 0503 | 1 | 19/05/2023 |
| **June** |  |  |  |  |  |  |
| Ruderal Bumblebee | *Bombus ruderatus* | Pilton | Lane west of village. | SK 9056 0257 | 1 | 28/06/2023 |
| Ruderal Bumblebee | *Bombus ruderatus* | Pilton | Lane west of village. | SK 9056 0257 | 1 | 29/06/2023 |
| Vestal Cuckoo Bumblebee | *Bombus vestalis* | Wing  | Wing Hill Allotment. | SK 8891 0288 | 1 | 17/06/2023 |
| Ruby-tailed Wasp | *Chrysis ignita* | Leighfield  | Leighfield Fishponds | SK 8314 0374 | 1 | 03/06/2023 |
| Wood-carving Leafcutter Bee | *Megachile ligniseca* | Wing  | Wing Hill Allotment | SK 8891 0288 | 1 | 25/06/2023 |
| Garden Bumblebee | *Bombus hortorum* | Exton | Vicars Close | SK 1278 1098 | 1 | 11/06/2023 |
| Wasp | *Amblyteles armatorius* | Exton | Vicars Close | SK 1278 1098 | 1 | 29/06/2023 |
| **July** |  |  |  |  |  |  |
| Sawfly | *Rhogogaster scalaris* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 | 01/07/2023 |
| Southern Cuckoo Bee | *Bombus vestalis* | Wing | Wing Hill Allotment | SK 8891 0288 | 1 | 04/07/2023 |
| Privet Sawfly | *Macrophya punctumalbum* | RW-Gibbet Gorse meadows  | East edge of Gibbets Gorse. | SK 9022 0589 | 1 | 13/06/2023 |
| Southern Cuckoo Bee | *Bombus vestalis* | Rutland Water | Berrybut Spinneys | SK 9075 0596 | 1 | 21/07/2023 |
| Hawthorn Mining Bee | *Andrena chrysosceles* | Wing  | Wing Hill Allotment | SK 8891 0288 | 1 | 01/07/2023 |
| Hawthorn Mining Bee | *Andrena chrysosceles* | Wing  | Wing Hill Allotment | SK 8891 0288 | 1 | 02/07/2023 |
| Chalcid Wasp | *Torymus bedeguaris* | Wing  | Wing Hill Allotment | SK 8891 0288 | 1 | 30/07/2023 |
| Icheumon wasp | *Ichneumon sarcitorius* | Leighfield | North West tracks. | SK 8216 0486 | 1 | 09/07/2023 |
| Wasp | *Ichneumon sarcitorius*  | Leighfield | North West tracks. | SK 8216 0486 | 1 | 13/07/2023 |
| Red-tailed Bumblebee | *Bombus lapidarius* | Ridlington | Playing field on grass. | SK847 027 | 2 | 25/07/2023 |
| Wool Carder Bee | *Anthidium manicatum* | Oakham | Barnstedt Gardens  |  | 1 | 06/07/2023 |
| White-tailed Bumblebee | *Bombus lucorum* | Ketton Quarry |  | SK 908 060 | 4 | 17/07/2023 |
| Buff-tailed Bumblebee | *Bombus terrestris* | Ketton Quarry |  | SK 908 060 | 2 | 17/07/2023 |
| Yellow tipped Darwin wasp | *Ichneumon stramentor* | Exton | Vicars Close | SK 1278 1098 | 1 | 11/07/2023 |
| Yellow tipped Darwin wasp | *Ichneumon stramentor* | Exton | Vicars Close | SK 1278 1098 |  1 | 10/07/2023 |
| **August** |  |  |  |  |  |  |
| Black slip wasp | *Pimpla rufipes* | Exton | Vicars Close | SK 1278 1098 | 1 | 15/08/2023 |
| Common Carder Bee | *Bombus pascuorum* | Exton | Vicars Close | SK 1278 1098 | 2 | 28/08/2023 |
| Silky Ant | *Formica fusca* | Gunthorpe area near RW | Seen along cycle track. | SK 8780 0544 | 2 | 21/08/2023 |
| **September** |  |  |  |  |  |  |
|  | *Ophion obscuratus agg.* | Exton | Vicars Close | SK 1278 1098 | 1 | 07/09/2023 |
| **October** |  |  |  |  |  |  |
| Buff-tailed Bumblebee | *Bombus terrestris* | Manton | Front garden. | SK 8800 0465 | 2 | 29/10/2023 |
| White-tailed Bumblebee | *Bombus lucorum* | Manton | Front garden. | SK 8800 0465 | 1 | 29/10/2023 |
| Honey Bee | *Apis mellifera* | Manton | Front garden. | SK 8800 0465 | 2 | 29/10/2023 |
| **November** |  |  |  |  |  |  |
| Hornet  | *Vespa crabro* | Wardley | Woods | SK 841 001 | 1 | 08/11/2023 |
| Honey Bee | *Apis mellifera* | Manton | Front garden. | SK 8800 0465 | 2 | 23/11/2023 |
| Buff-tailed Bumblebee | *Bombus terrestris* | Manton | Front garden. | SK 8800 0465 | 1 | 30/11/2023 |
| Garden Bumblebee | *Bombus hortorum* | Manton | Front garden. | SK 8800 0465 | 1 | 23/11/2023 |
| Common Wasp | *Vespula vulgaris* | Manton | Back garden. | SK 8800 0465 | 1 | 01/11/2023 |
| **December** |  |  |  |  |  |  |
| Buff-tailed Bumblebee | *Bombus terrestris* | Manton  | Back garden. | SK 8800 0465 | 1 | 17/12/2023 |

**Contributors**

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Please accept my apologies if I have unintentionally missed anyone.

**Jayne Walker**

**Insect Recorder**

1. [↑](#footnote-ref-1)