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**Appendices to J Poll Ecol 36(3), Maher et al.**

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**Supp 1.** Floral Resources protocol FarmECOS 2019

*A) Features to be surveyed*

**Two fields**: The two fields will consist of the field in which the pan traps are set and one other randomly selected from the parcel.

**Four linear features (LF)**: Linear features will be selected based on the level of their representation in the parcel but, importantly, every type of LF that is present should be sampled. The LF where the pan traps are placed should always be sampled, and the other three should be selected at random. These selections should be made before going to the field, using the available GIS maps.

Example: A parcel with 20 LF: 14 are hedgerows, 5 are stonewalls and 1 is a drainage ditch. The pan traps are set adjacent to a hedgerow. In this case, the hedgerow next to the pan traps, one randomly selected hedgerow, a stone wall (randomly selected) and a drainage ditch should be sampled

The same fields and linear features should be sampled every time.

*B) Floral resources assessment*

**Fields (ground flora only**):

Two randomly selected 1m2 quadrats should be surveyed per field. Within each quadrat list flowering plant species. For each species estimate % floral cover, and count number of floral units (see section C below for clarification).

**Linear features**

Hedgerows: One transect of 30m length and two ground quadrats.

Transect:

* + - * Species list: Identify and list all flowering trees, shrubs and ground flora.
      * % cover: Estimate % floral cover of each species along the length of the transect (note: here floral cover is the cover of the flowers not the whole plant of each species). Floral cover should be estimated for trees, shrubs and ground flora separately. This is then summed to give a total % floral cover for the transect.
      * Floral abundance: For shrub and tree species with individual floral units are too abundant to count, the number of floral units in a representative 50cm quadrat should be counted. (e.g. mass flowering hawthorn, gorse, blackthorn, willow, see also “C) Quantifying floral units” below). Average height of tree and shrub species should also be estimated for later estimation of floral abundance.

Quadrats:

* + - Two 1m2 quadrats should be placed, one at either end of the transect. Within these quadrats a full species list of flowering plants, their % floral cover and number of flowering units should be recorded. Note: For hedgerows, flowering shrub and tree species do not need to be included in the quadrat data as these are recorded in the transect data.

Ditches, stone walls and grassy margins

For ditches, stone walls and grassy margins only quadrats are used (i.e. no transects). This is because the primary vegetation of these feature types is ground flora rather than trees and shrubs. Quadrat survey is as described above for hedgerows EXCEPT that flowering shrub and tree species should be included in the quadrat data if these are rooted in the quadrat. In ditches, quadrats should be placed as close to the centre of the ditch as is feasible/safe. On stone walls, the area of the quadrat should take in both the top and side of the wall, with a total area of 1m2. Only species rooted in the wall should be counted in wall quadrats.

*C) Quantifying floral units:*

* All flowering plants should be identified to species level if possible.
* In this survey we will count floral units, defined as groups of flowers that a small bee would fly rather than walk between. Only flowers that are typically pollinated by insects, i.e., non-graminoid (grass-like) angiosperm flowering plants should be recorded.

**Supp 2**. The PCA of the four linear feature types (hedgerows, stone walls, ditches and grassy margins) was found to represent 87.1% of the variation between feature types along the first two axes (Fig. 1). Grassy margins were not strongly associated with either axis, but were slightly negatively associated with PCA1 and slightly positively with PCA2.

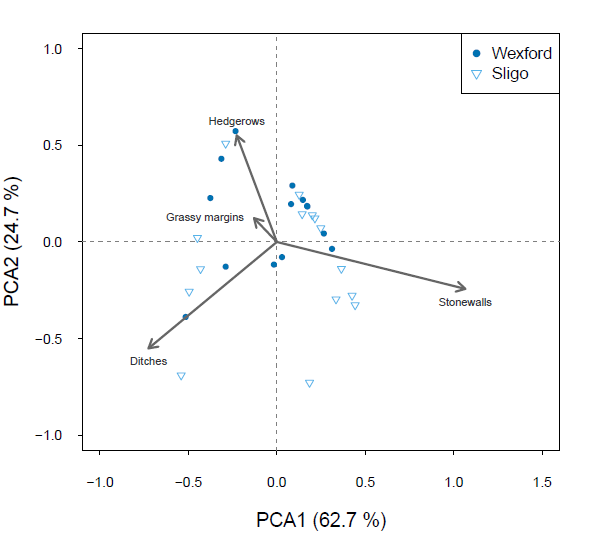


Fig. S1 PCA plot of feature types present on study farms, showing gradients in the amount of each feature type in the farm landscape. Individual farms are represented by points, darker blue circles represent farms in the study region Wexford, and lighter blue triangles represent farms in the study region Sligo.

**Supp 3**. Out of 53 species of hoverflies (1,119 individuals), 30 species occurred on fewer than 5 site visits and were grouped as “other syrphidae” which included 75 individuals (6.7% of the total number of Syrphids caught). Out of 41 species of bees recorded (1,266 individuals), 19 species were observed on fewer than 5 visits (2 social bee, and 31 solitary bee individuals).

**Supp 4.** Floral species recorded throughout the study

|  |  |  |  |
| --- | --- | --- | --- |
| **Wexford species** | **Sligo species** | **Unique Wexford sp** | **Unique Sligo sp** |
| *Acer pseudoplatanus* | *Acer campestre* | *Acer pseudoplatanus* | *Acer campestre* |
| *Achillea millefolium* | *Anagallis tenella* | *Achillea millefolium* | *Anagallis tenella* |
| *Aegopodium podgraria* | *Angelica sylvestris* | *Aegopodium podgraria* | *Campanula rotundifolia* |
| *Allium triquetrum* | *Anthriscus sylvestris* | *Allium triquetrum* | *Circaea lutetiana* |
| *Anagallis arvensis* | *Apium nodiflorum* | *Anagallis arvensis* | *Conopodium majus* |
| *Angelica sylvestris* | *Bellis perennis* | *Arabidopsis thaliana* | *Convolvulus arvensis* |
| *Anthriscus sylvestris* | *Calluna vulgaris* | *Arum maculatum* | *Dactylorhiza maculata* |
| *Apium nodiflorum* | *Campanula rotundifolia* | *Ballota nigra* | *Erica tetralix* |
| *Arabidopsis thaliana* | *Cardamine flexuosa* | *Barbarea vulgaris* | *Eupatorium cannabinum* |
| *Arum maculatum* | *Cardamine pratensis* | *Brassica napas* | *Euphrasia nemorosa* |
| *Ballota nigra* | *Cerastium fontanum* | *Brassica oleracea* | *Filipendula ulmaria* |
| *Barbarea vulgaris* | *Cerastium glomeratum* | *Calystegia sepium* | *Fuchsia magellanica* |
| *Bellis perennis* | *Circaea lutetiana* | *Capsella bursa-pastoris* | *Euphrasia sp.* |
| *Brassica napas* | *Cirsium arvense* | *Cardamine hirsuta* | *Hypericum androsaemum* |
| *Brassica oleracea* | *Cirsium palustre* | *Chamaenerion angustifolium* | *Iris pseudacorus* |
| *Calluna vulgaris* | *Cirsium vulgare* | *Crepis vesicaria* | *Knautia arvensis* |
| *Calystegia sepium* | *Conopodium majus* | *Cytisus scorparius* | *Lathyrus pratensis* |
| *Capsella bursa-pastoris* | *Convolvulus arvensis* | *Epilobium hirsutum* | *Lychnis flos-cuculi* |
| *Cardamine flexuosa* | *Crataegus monogyna* | *Epilobium montanum* | *Lythrum salicaria* |
| *Cardamine hirsute* | *Crepis capillaris* | *Epilobium obscurum* | *Mentha aquatica* |
| *Cardamine pratensis* | *Dactylorhiza maculata* | *Epilobium pedunculare* | *Myosotis scorpiodes* |
| *Cerastium fontanum* | *Digitalis purpurea* | *Fallopia convolvulus* | *Nasturtium officinale* |
| *Cerastium glomeratum* | *Epilobium palustre* | *Fumaria capreolata* | *Odontites vernus* |
| *Chamaenerion angustifolium* | *Erica cinerea* | *Fumaria muralis* | *Oxalis acetosa* |
| *Cirsium arvense* | *Erica tetralix* | *Galeopsis bifida* | *Parnassia palustris* |
| *Cirsium palustre* | *Eupatorium cannabinum* | *Galium alsine* | *Pedicularis palustris* |
| *Cirsium vulgare* | *Euphrasia nemorosa* | *Geranium dissectum* | *Pedicularis sylvatica* |
| *Crataegus monogyna* | *Euphrasia sp.* | *Geum urbanum* | *Potentilla anserina* |
| *Crepis capillaris* | *Filipendula ulmaria* | *Heracleum sphondylium* | *Primula veris* |
| *Crepis vesicaria* | *Fuchsia magellanica* | *Hesperis matronalis* | *Salix caprea* |
| *Cytisus scorparius* | *Galium aparine* | *Hyacynthoides sp.* | *Sambucus ebulus* |
| *Digitalis purpurea* | *Galium palustre* | *Hypericum perforatum* | *Stellaria palustris* |
| *Epilobium hirsutum* | *Galium saxatile* | *Impatiens glandulifera* | *Succisa pratensis* |
| *Epilobium montanum* | *Geranium robertianum* | *Jasione montana* | *Torilis arvensis* |
| *Epilobium obscurum* | *Glechoma hederacea* | *Lamium hybridum* | *Trifolium dubium* |
| *Epilobium palustre* | *Hyacinthoides non-scripta* | *Lamium purpureum* | *Trifolium pratensis* |
| *Epilobium pedunculare* | *Hypericum androsaemum* | *Lapsana communis* | *Viola palustris* |
| *Erica cinerea* | *Hypericum pulchrum* | *Lavatera sp.* | *Viola reichenbachiana* |
| *Fallopia convolvulus* | *Hypochaeris radicata* | *Leontodon saxatilis* |  |
| *Fumaria capreolata* | *Ilex aquifolium* | *Lepidium heterophyllum* |  |
| *Fumaria muralis* | *Iris pseudacorus* | *Lonicera caprifolium* |  |
| *Galeopsis bifida* | *Knautia arvensis* | *Lotus pedunculatus* |  |
| *Galium alsine* | *Lathyrus pratensis* | *Malva moschata* |  |
| *Galium aparine* | *Lonicera periclymenum* | *Matricaria discoidea* |  |
| *Galium palustre* | *Lotus corniculatus* | *Myosotis laxa* |  |
| *Galium saxatile* | *Lychnis flos-cuculi* | *Myosotis scorpioides* |  |
| *Geranium dissectum* | *Lysimachia nemorum* | *Persicaria maculosa* |  |
| *Geranium robertianum* | *Lythrum salicaria* | *Plantago lanceolata* |  |
| *Geum urbanum* | *Mentha aquatica* | *Poacea* |  |
| *Glechoma hederacea* | *Myosotis arvensis* | *Polygala vulgaris* |  |
| *Heracleum sphondylium* | *Myosotis scorpiodes* | *Polygonum aviculare* |  |
| *Hesperis matronalis* | *Nasturtium officinale* | *Polygonium maculare* |  |
| *Hyacinthoides non-scripta* | *Odontites vernus* | *Prunus avium* |  |
| *Hyacynthoides sp.* | *Oxalis acetosa* | *Ranunculus hederaceus* |  |
| *Hypericum perforatum* | *Parnassia palustris* | *Ranunculus omiophyllus* |  |
| *Hypericum pulchrum* | *Pedicularis palustris* | *Rosa arvensis* |  |
| *Hypochaeris radicata* | *Pedicularis sylvatica* | *Rumex acetosella* |  |
| *Ilex aquifolium* | *Polygala serpyllifolia* | *Salix cinerea agg.* |  |
| *Impatiens glandulifera* | *Potentilla anserina* | *Sambucus nigra* |  |
| *Jasione montana* | *Potentilla erecta* | *Scorzoneroides autumnalis* |  |
| *Lamium hybridum* | *Primula veris* | *Sherardia arvensis* |  |
| *Lamium purpureum* | *Primula vulgaris* | *Sinapis alba* |  |
| *Lapsana communis* | *Prunella vulgaris* | *Sinapis arvensis* |  |
| *Lavatera sp.* | *Prunus spinosa* | *Sisymbrium officinale* |  |
| *Leontodon saxatilis* | *Ranunculus acris* | *Sonchus arvensis* |  |
| *Lepidium heterophyllum* | *Ranunculus flammula* | *Sonchus oleraceus* |  |
| *Lonicera caprifolium* | *Ranunculus repens* | *Sorbus aucuparia* |  |
| *Lonicera periclymenum* | *Rosa canina* | *Stachys arvensis* |  |
| *Lotus corniculatus* | *Rubus fruticosus agg.* | *Stachys palustris* |  |
| *Lotus pedunculatus* | *Salix caprea* | *Torilis japonica* |  |
| *Lysimachia nemorum* | *Sambucus ebulus* | *Veronica arvensis* |  |
| *Malva moschata* | *Senecio jacobaea* | *Veronica persica* |  |
| *Matricaria discoidea* | *Sonchus asper* | *Veronica serpyllifolia* |  |
| *Myosotis arvensis* | *Stachys sylvatica* | *Viola arvensis* |  |
| *Myosotis laxa* | *Stellaria alsine* | *Viola sp. (horticultural)* |  |
| *Myosotis scorpioides* | *Stellaria graminea* |  |  |
| *Persicaria maculosa* | *Stellaria holostea* |  |  |
| *Plantago lanceolata* | *Stellaria media* |  |  |
|  | *Stellaria palustris* |  |  |
| *Polygala serpyllifolia* | *Succisa pratensis* |  |  |
| *Polygala vulgaris* | *Taraxacum agg.* |  |  |
| *Polygonum aviculare* | *Torilis arvensis* |  |  |
| *Polygonum maculare* | *Trifolium dubium* |  |  |
| *Potentilla erecta* | *Trifolium pratensis* |  |  |
| *Primula vulgaris* | *Trifolium repens* |  |  |
| *Prunella vulgaris* | *Ulex europaeus* |  |  |
| *Prunus avium* | *Umbilicus rupestris* |  |  |
| *Prunus spinosa* | *Urtica dioica* |  |  |
| *Ranunculus acris* | *Veronica chamaedrys* |  |  |
| *Ranunculus flammula* | *Vicia sepium* |  |  |
| *Ranunculus hederaceus* | *Viola palustris* |  |  |
| *Ranunculus omiophyllus* | *Viola reichenbachiana* |  |  |
| *Ranunculus repens* | *Viola riviniana* |  |  |
| *Rosa arvensis* |  |  |  |
| *Rosa canina* |  |  |  |
| *Rubus fruticosus agg.* |  |  |  |
| *Rumex acetosella* |  |  |  |
| *Salix cinerea agg.* |  |  |  |
| *Sambucus nigra* |  |  |  |
| *Scorzoneroides autumnalis* |  |  |  |
| *Senecio jacobaea* |  |  |  |
| *Sherardia arvensis* |  |  |  |
| *Sinapis alba* |  |  |  |
| *Sinapis arvensis* |  |  |  |
| *Sisymbrium officinale* |  |  |  |
| *Sonchus arvensis* |  |  |  |
| *Sonchus asper* |  |  |  |
| *Sonchus oleraceus* |  |  |  |
| *Sorbus aucuparia* |  |  |  |
| *Stachys arvensis* |  |  |  |
| *Stachys palustris* |  |  |  |
| *Stachys sylvatica* |  |  |  |
| *Stellaria alsine* |  |  |  |
| *Stellaria graminea* |  |  |  |
| *Stellaria holostea* |  |  |  |
| *Stellaria media* |  |  |  |
| *Taraxacum agg.* |  |  |  |
| *Torilis japonica* |  |  |  |
| *Trifolium repens* |  |  |  |
| *Ulex europaeus* |  |  |  |
| *Umbilicus rupestris* |  |  |  |
| *Urtica dioica* |  |  |  |
| *Veronica arvensis* |  |  |  |
| *Veronica chamaedrys* |  |  |  |
| *Veronica persica* |  |  |  |
| *Veronica serpyllifolia* |  |  |  |
| *Vicia sepium* |  |  |  |
| *Viola arvensis* |  |  |  |
| *Viola riviniana* |  |  |  |
| *Viola sp. (horticultural)* |  |  |  |

**Supp 5**: Combined list of hoverfly and bee species recorded throughout the study.

|  |  |  |
| --- | --- | --- |
| **Hoverfly species** | **Social bee species** | **Solitary bee species** |
| *Cheilosia antiqua* | *Apis mellifera* | *Andrena angusitor* |
| *Cheilosia albitarsis* | *Bombus bohemicus* | *Andrena bicolor* |
| *Cheilosia bergenstammi* | *Bombus hortorum* | *Andrena cineraria* |
| *Cheilosia pagana* | *Bombus jonellus* | *Andrena clarkella* |
| *Cheilosia variabilis* | *Bombus lapidarius* | *Andrena coitana* |
| *Chrysogaster solstitialis* | *Bombus lucorum agg* | *Andrena denticulata* |
| *Chrysotoxum bicinctum* | *Bombus pascuorum* | *Andrena fucata* |
| *Dasysyrphus albostriatus* | *Bombus pratorum* | *Andrena haemmorhoa* |
| *Dasysyrphus venustus* | *Bombus terrestris* | *Andrena lapponica* |
| *Episyrphus balteatus* | *Bombus vestalis* | *Andrena minitula* |
| *Eristalinus sepulchralis* |  | *Andrena scotica* |
| *Eristralis arbustorum* |  | *Andrena subopaca* |
| *Eristalis horticola* |  | *Andrena tarsata* |
| *Eristralis intricarius* |  | *Anthidium manicatum* |
| *Eristalis nemorum* |  | *Colletes succinctus* |
| *Eristralis pertinax* |  | *Halictus rubicundus* |
| *Eristralis tenax* |  | *Halictus tumulorum* |
| *Eupeodes corollae* |  | *Hylaeus communis* |
| *Eupeodes latifasciatus* |  | *Hylaeus confusus* |
| *Eupeodes luniger* |  | *Hylaeus hyalinatus* |
| *Ferdinandea cuprea* |  | *Lasioglossum albipes* |
| *Helophilus hybridus* |  | *Lasioglossum calceatum* |
| *Helophilus pendulus* |  | *Lasioglossum fratellum* |
| *Lejogaster metallina* |  | *Lasioglossum lativentre* |
| *Melangyna lasiophthalma* |  | *Lasioglossum leucopus* |
| *Melanogaster hirtella* |  | *Lasioglossum nitidiusculum* |
| *Melanostoma mellinum* |  | *Lasioglossum punctatissium* |
| *Melanostoma scalare* |  | *Lasioglossum villosulum* |
| *Meliscaeva cinctella* |  | *Megachile willughbiella* |
| *Meliscaeva auricollis* |  | *Nomada goodeniana* |
| *Neoascia obliqua* |  | *Nomada marshamella* |
| *Neoascia podagrica* |  | *Sphecodes geofrellus* |
| *Platycheirus albimanus* |  | *Sphecodes monilicornis* |
| *Platycheirus clypteatus* |  |  |
| *Platycheirus granditarsus* |  |  |
| *Platycheirus manicatus* |  |  |
| *Platycheirus peltatus* |  |  |
| *Platycheirus scutatus* |  |  |
| *Rhinga campestris* |  |  |
| *Riponnensia splendens* |  |  |
| *Sericomyia silentis* |  |  |
| *Sphaerophoria interrupta* |  |  |
| *Sericomyia superbens* |  |  |
| *Sphaerophoria scripta* |  |  |
| *Syritta pipiens* |  |  |
| *Syrphus ribesii* |  |  |
| *Syrphus torvus* |  |  |
| *Syrphus vitripennis* |  |  |
| *Tropidia scita* |  |  |
| *Volucella bombylans* |  |  |
| *Volucella pellucens* |  |  |
| *Xylota jakutorum* |  |  |
| *Xylota segnis* |  |  |
| *Xylota sylvarum* |  |  |

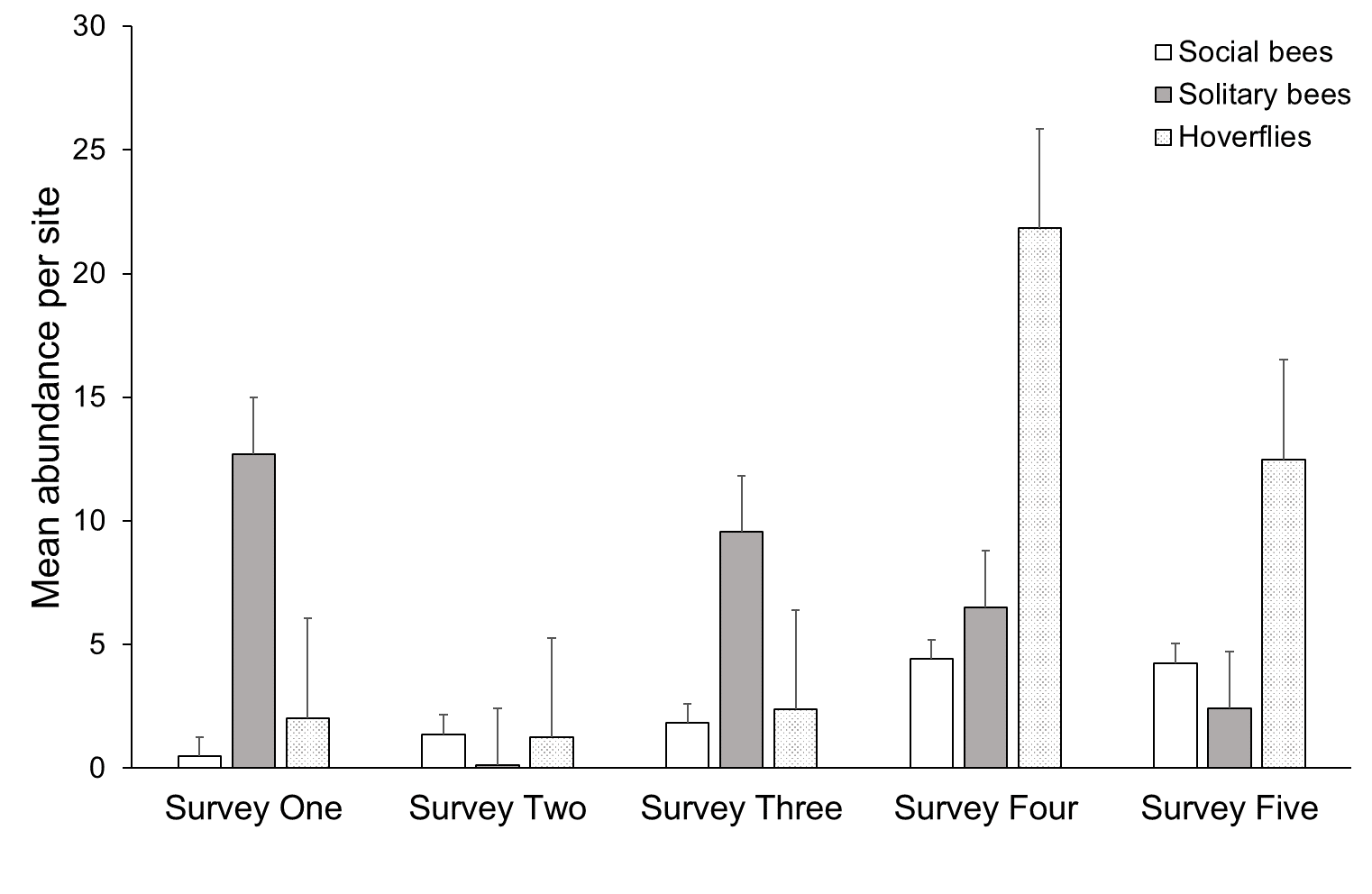
**Supp 6**. 

Fig. S2: Mean abundance of social bees, solitary bees and hoverflies per site across the five survey periods

**Supp 7**: Summary of the results of the generalized linear mixed models for the response variables, hoverfly, social bee and solitary bee abundance and species richness. Figures are p values. A dash (-) indicates the explanatory variable was not included in the best fit model. NS indicates that the variable was included in the best fit model but was not significant (p>0.05). Variables not represented were not included in any best fit model. β values for ‘County’ indicate the difference between the study areas Sligo and Wexford with Sligo as the baseline. Similarly, ‘Farm Type’ is the difference between Crop and Animal farms with Animal as the baseline. *P*-values for ‘Survey’ 2, 3, 4, 5 relate to the difference from the first survey as the baseline.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Abundance** | | **Species richness** | |
| *Hoverflies* | β | *P* | β | *P* |
| Intercept | 1.194 ± 0.314 | <0.001 | 0.274 ± 0.262 | 0.297 |
| County | - 0.399 ± 0.313 | 0.034 | - 0.670 ± 0.164 | < 0.001 |
| PC1 (Ditches to stone walls) | - 0.701 ± 0.278 | 0.012 | - 0.622 ± 0.246 | 0.012 |
| Total feature length | - 0.314 ± 0.110 | 0.004 | - 0.229 ± 0.085 | 0.007 |
| Average rainfall (mm) | - | - | 0.350 ± 0.207 | NS |
| Survey2 | -0.110 ± 0.395 | 0.779 | -0.953 ± 0.638 | 0.136 |
| Survey 3 | 0.615 ± 0.334 | 0.074 | 0.672 ± 0.246 | 0.006 |
| Survey 4 | 1.468 ± 0.331 | <0.001 | 1.313 ± 0.225 | <0.001 |
| Survey 5 | 1.561 ± 0.315 | <0.001 | 1.561 ± 0.303 | <0.001 |
| *Social bees* | β | *p* | Β | *P* |
| Intercept | -1.227 ± 0.406 | 0.003 | -1.086 ± 0.305 | <0.001 |
| Farm type | 0.610 ± 0.231 | 0.008 | 0.466 ± 0.158 | 0.003 |
| PC2 (Ditches/stone walls to hedges) | 0.733 ± 0.310 | 0.018 | - | - |
| Average max temp (C) | -0.467 ± 0.240 | NS | - | - |
| Floral species richness | -0.174 ± 0.094 | NS | - | - |
| Survey 2 | 0.474 ± 0.442 | 0.283 | 0.780 ± 0.364 | <0.032 |
| Survey 3 | 1.951 ± 0.485 | <0.001 | 1.036 ± 0.351 | 0.003 |
| Survey 4 | 2.952 ± 0.530 | <0.001 | 1.680 ± 0.328 | <0.001 |
| Survey 5 | 2.635 ± 0.438 | <0.001 | 1.836 ± 0.325 | <0.001 |
| *Solitary bees* | β | *P* | Β | *P* |
| Intercept | 2.091 ± 0.244 | <0.001 | 1.332 ± 0.172 | <0.001 |
| County | 0.737 ± 0.349 | 0.035 | 0.583 ± 0.182 | 0.001 |
| Farm type | -1.314 ± 0.462 | 0.004 | -0.851 ± 0.257 | < 0.001 |
| Floral species richness | - | - | 0.225 ± 0.103 | 0.028 |
| Survey 2 | -3.778 ± 0.596 | < 0.001 | -3.230 ± 0.464 | < 0.001 |
| Survey 3 | -0.294 ± 0.181 | 0.103 | -0.563 ± 0.186 | <0.001 |
| Survey 4 | -0.895 ± 0.222 | <0.001 | -1.117 ± 0.225 | <0.001 |
| Survey 5 | -1.411 ± 0.245 | <0.001 | -1.241 ± 0.230 | <0.001 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Species** | **% variance explained by environmental variables** | **% variance explained by county and survey period** | **Pollinator group** |
| *Platycheirus peltatus* | 27.0 | 8.0 | Hoverfly |
| *Cheilosia albitarsis* | 18.5 | 17.5 | Hoverfly |
| *Andrena coitana* | 16.6 | 21.6 | Solitary bee |
| *Other bees* | 16.5 | 5.9 | Solitary bee |
| *Lasioglossum albipes* | 15.1 | 16.7 | Solitary bee |
| *Hylaeus communis* | 14.0 | 5.3 | Solitary bee |
| *Helophilus pendulus* | 13.7 | 15.1 | Hoverfly |
| *Platycheirus granditarsus* | 12.0 | 27.1 | Hoverfly |
| *Halictus rubicundus* | 11.8 | 19.8 | Solitary bee |
| *Bombus jonellus* | 11.2 | 4.8 | Social bee |
| *Lasioglossum calceatum* | 10.8 | 45.1 | Solitary bee |
| *Episyrphus balteatus* | 10.3 | 28.8 | Hoverfly |
| *Melanogaster hirtella* | 9.7 | 9.6 | Hoverfly |
| *Meliscaeva auricollis* | 9.3 | 3.3 | Hoverfly |
| *Andrena scotica* | 8.7 | 14.0 | Solitary bee |
| *Andrena fucata* | 8.7 | 9.0 | Solitary bee |
| *Nomada marshamella* | 8.3 | 10.7 | Solitary bee |
| *Bombus lucorum agg* | 8.3 | 18.1 | Social bee |
| *Rhinga campestris* | 8.0 | 23.0 | Hoverfly |
| *Andrena cineraria* | 7.8 | 8.8 | Solitary bee |
| *Bombus lapidarius* | 7.6 | 7.9 | Social bee |
| *Andrena haemmorhoa* | 7.4 | 41.3 | Solitary bee |
| *Lasioglossum fratellum* | 7.2 | 16.5 | Solitary bee |
| *Eupeodes corollae* | 6.7 | 6.1 | Hoverfly |
| *Eristalis nemorum* | 6.6 | 4.0 | Hoverfly |
| *Syrphus torvus* | 6.6 | 14.2 | Hoverfly |
| *Xylota segnis* | 6.2 | 6.2 | Hoverfly |
| *Platycheirus albimanus* | 6.2 | 22.3 | Hoverfly |
| *Andrena minitula* | 6.1 | 4.7 | Solitary bee |
| *Bombus pratorum* | 6.0 | 1.0 | Social bee |
| *Bombus hortorum* | 5.9 | 28.9 | Social bee |
| *Eristralis pertinax* | 5.6 | 8.9 | Hoverfly |
| *Eristralis arbustorum* | 5.5 | 23.4 | Hoverfly |
| *Syrphus ribesii* | 5.0 | 28.7 | Hoverfly |
| *Andrena lapponica* | 5.0 | 12.2 | Solitary bee |
| *Eristralis tenax* | 4.7 | 38.3 | Hoverfly |
| *Sericomyia silentis* | 4.6 | 8.6 | Hoverfly |
| *Syritta pipiens* | 4.3 | 6.6 | Hoverfly |
| *Melanostoma mellinum* | 4.1 | 5.1 | Hoverfly |
| *Neoascia podagrica* | 3.7 | 13.3 | Hoverfly |
| *Apis mellifera* | 3.7 | 17.0 | Social bee |
| *Andrena bicolor* | 3.6 | 8.7 | Solitary bee |
| *Syrphus vitripennis* | 3.6 | 4.1 | Hoverfly |
| *Bombus pascuorum* | 2.2 | 9.9 | Social bee |
| *Bombus terrestris* | 2.2 | 7.7 | Social bee |
| *Other syrphids* | 2.2 | 8.5 | Hoverfly |
| *Melanostoma scalare* | 1.0 | 14.6 | Hoverfly |

**Supp 8:** Variance in species abundances explained by environmental variables and temporal/spatial variables (survey period and county) in pRDA analyses.

**Supp 9:** Pollinator survey data

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Date** | **Parcel ID** | **Feature ID** | **Feature** | **Transect** | **Pollinator sp** | **Association** | **Activity** |
| 14/05/2019 | AK\_17 | L6 | Hedgerow | A | Nomada.sp |  |  |
| 14/05/2019 | AK\_17 | L6 | Hedgerow | A | Solitary.sp |  |  |
| 14/05/2019 | AK\_17 | L6 | Hedgerow | B | Nomada.sp |  |  |
| 14/05/2019 | AK\_17 | L6 | Hedgerow | B | Solitary.sp |  |  |
| 14/05/2019 | AK\_17 | L8 | Hedgerow | A | A.haemorrhoa |  |  |
| 14/05/2019 | AK\_17 | L8 | Hedgerow | A | Bombus.sp |  |  |
| 14/05/2019 | AK\_17 | L7 | Hedgerow | A | 0 |  |  |
| 14/05/2019 | AK\_17 | L7 | Hedgerow | B | 0 |  |  |
| 14/05/2019 | AK\_17 | L9 | Hedgerow | A | 0 |  |  |
| 04/07/2019 | AK\_17 | L6 | Hedgerow | A | Syrphid | Fumaria muralis | Resting and flying |
| 04/07/2019 | AK\_17 | L6 | Hedgerow | A | Syrphid | Galium aparine | Resting and flying |
| 04/07/2019 | AK\_17 | L6 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Investigating |
| 04/07/2019 | AK\_17 | L6 | Hedgerow | A | B.lucorum.agg | Heracleum sphondylium | Feeding and flying |
| 04/07/2019 | AK\_17 | L6 | Hedgerow | A | Syrphid | Acer | Resting and flying |
| 04/07/2019 | AK\_17 | L6 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 04/07/2019 | AK\_17 | L6 | Hedgerow | B | Syrphid | Lapsana communis | Feeding and flying |
| 04/07/2019 | AK\_17 | L8 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 04/07/2019 | AK\_17 | L8 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 04/07/2019 | AK\_17 | L8 | Hedgerow | B | Syrphid | Galium aparine | Resting and flying |
| 04/07/2019 | AK\_17 | L8 | Hedgerow | B | Syrphid | Rubus fruticosus agg. | Feeding |
| 04/07/2019 | AK\_17 | L8 | Hedgerow | B | Syrphid | Rubus fruticosus agg. | Feeding |
| 04/07/2019 | AK\_17 | L8 | Hedgerow | B | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 04/07/2019 | AK\_17 | L8 | Hedgerow | B | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 04/07/2019 | AK\_17 | L9 | Hedgerow | A | 0 |  |  |
| 04/07/2019 | AK\_17 | L9 | Hedgerow | B | 0 |  |  |
| 04/07/2019 | AK\_17 | L7 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 04/07/2019 | AK\_17 | L7 | Hedgerow | A | A.mellifera | Rosa arvensis | Feeding |
| 04/07/2019 | AK\_17 | L7 | Hedgerow | A | Syrphid | Heracleum sphondylium | Feeding and flying |
| 04/07/2019 | AK\_17 | L7 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 04/07/2019 | AK\_17 | L7 | Hedgerow | B | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 04/07/2019 | AK\_17 | L7 | Hedgerow | B | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 04/07/2019 | AK\_17 | L7 | Hedgerow | B | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L7 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding |
| 25/07/2019 | AK\_17 | L7 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding |
| 25/07/2019 | AK\_17 | L7 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding |
| 25/07/2019 | AK\_17 | L7 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding |
| 25/07/2019 | AK\_17 | L7 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding |
| 25/07/2019 | AK\_17 | L7 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding |
| 25/07/2019 | AK\_17 | L7 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding |
| 25/07/2019 | AK\_17 | L7 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding |
| 25/07/2019 | AK\_17 | L7 | Hedgerow | A | B.lucorum.agg | Galium aparine | Investigating |
| 25/07/2019 | AK\_17 | L7 | Hedgerow | A | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L7 | Hedgerow | A | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L7 | Hedgerow | A | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L7 | Hedgerow | A | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L7 | Hedgerow | A | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L6 | Hedgerow | A | Episyrphus balteatus | Sonchus asper | Feeding and flying |
| 25/07/2019 | AK\_17 | L6 | Hedgerow | A | Episyrphus balteatus | Sonchus asper | Feeding and flying |
| 25/07/2019 | AK\_17 | L6 | Hedgerow | A | Episyrphus balteatus | Sonchus asper | Feeding and flying |
| 25/07/2019 | AK\_17 | L6 | Hedgerow | A | Episyrphus balteatus | Sonchus asper | Feeding and flying |
| 25/07/2019 | AK\_17 | L6 | Hedgerow | A | Episyrphus balteatus | Sonchus asper | Feeding and flying |
| 25/07/2019 | AK\_17 | L6 | Hedgerow | A | Episyrphus balteatus | Sonchus asper | Feeding |
| 25/07/2019 | AK\_17 | L6 | Hedgerow | A | Episyrphus balteatus | Sonchus asper | Feeding |
| 25/07/2019 | AK\_17 | L6 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding |
| 25/07/2019 | AK\_17 | L6 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding |
| 25/07/2019 | AK\_17 | L6 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding |
| 25/07/2019 | AK\_17 | L6 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding |
| 25/07/2019 | AK\_17 | L6 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding |
| 25/07/2019 | AK\_17 | L6 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding and flying |
| 25/07/2019 | AK\_17 | L6 | Hedgerow | B | Episyrphus balteatus | Crepis capillaris | Feeding and flying |
| 25/07/2019 | AK\_17 | L6 | Hedgerow | B | Episyrphus balteatus | Crepis capillaris | Feeding and flying |
| 25/07/2019 | AK\_17 | L6 | Hedgerow | B | Episyrphus balteatus | Crepis capillaris | Feeding and flying |
| 25/07/2019 | AK\_17 | L6 | Hedgerow | B | Episyrphus balteatus | Crepis capillaris | Feeding and flying |
| 25/07/2019 | AK\_17 | L6 | Hedgerow | B | Episyrphus balteatus | Crepis capillaris | Feeding and flying |
| 25/07/2019 | AK\_17 | L8 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding and flying |
| 25/07/2019 | AK\_17 | L8 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding and flying |
| 25/07/2019 | AK\_17 | L8 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding and flying |
| 25/07/2019 | AK\_17 | L8 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding |
| 25/07/2019 | AK\_17 | L8 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding |
| 25/07/2019 | AK\_17 | L8 | Hedgerow | A | B.lapidarius | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L8 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L8 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L8 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L8 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding |
| 25/07/2019 | AK\_17 | L8 | Hedgerow | A | Episyrphus balteatus | Crepis capillaris | Feeding |
| 25/07/2019 | AK\_17 | L8 | Hedgerow | A | Episyrphus balteatus | Cirsium arvense | Feeding |
| 25/07/2019 | AK\_17 | L8 | Hedgerow | A | Episyrphus balteatus | Cirsium arvense | Feeding |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | A | Specimen B | Galium aparine | Feeding |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Galium aparine | Feeding |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Galium aparine | Feeding |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Calystegia sepium | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Calystegia sepium | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Calystegia sepium | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Calystegia sepium | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Syrphid | Galium aparine | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Crepis capillaris | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Crepis capillaris | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Crepis capillaris | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Crepis capillaris | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Crepis capillaris | Feeding and flying |
| 25/07/2019 | AK\_17 | L9 | Hedgerow | B | Episyrphus balteatus | Calystegia sepium | Feeding |
| 13/05/2019 | AO\_3 | L41c | Hedgerow | A | Solitary.sp |  |  |
| 13/05/2019 | AO\_3 | L42 | Stone wall | A | 0 |  |  |
| 13/05/2019 | AO\_3 | L48 | Hedgerow | A | 0 |  |  |
| 13/05/2019 | AO\_3 | L39 | Hedgerow | A | 0 |  |  |
| 03/07/2019 | AO\_3 | L39 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 03/07/2019 | AO\_3 | L48 | Hedgerow | A | 0 |  |  |
| 03/07/2019 | AO\_3 | L42 | Stone wall | A | 0 |  |  |
| 03/07/2019 | AO\_3 | L41c | Hedgerow | A | 0 |  |  |
| 22/07/2019 | AO\_3 | L48 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 22/07/2019 | AO\_3 | L48 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 22/07/2019 | AO\_3 | L48 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 22/07/2019 | AO\_3 | L41c | Hedgerow | A | 0 |  |  |
| 22/07/2019 | AO\_3 | L42 | Stone wall | A | 0 |  |  |
| 22/07/2019 | AO\_3 | L39 | Hedgerow | A | 0 |  |  |
| 16/05/2019 | JG\_7 | L19 | Hedgerow | A | B.terrestris |  |  |
| 16/05/2019 | JG\_7 | L12 | Hedgerow | A | 0 |  |  |
| 16/05/2019 | JG\_7 | L20 | Stone wall | A | 0 |  |  |
| 16/05/2019 | JG\_7 | L22a | Stone wall | A | 0 |  |  |
| 05/07/2019 | JG\_7 | L20 | Stone wall | A | 0 |  |  |
| 05/07/2019 | JG\_7 | L22a | Stone wall | A | 0 |  |  |
| 05/07/2019 | JG\_7 | L19 | Hedgerow | A | Syrphid | Heracleum sphondylium | Feeding and flying |
| 05/07/2019 | JG\_7 | L12 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | JG\_7 | L12 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 24/07/2019 | JG\_7 | L20 | Stone wall | A | 0 |  |  |
| 24/07/2019 | JG\_7 | L22a | Stone wall | A | 0 |  |  |
| 24/07/2019 | JG\_7 | L19 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Resting |
| 24/07/2019 | JG\_7 | L19 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Resting |
| 24/07/2019 | JG\_7 | L19 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | JG\_7 | L19 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | JG\_7 | L19 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | JG\_7 | L19 | Hedgerow | A | Syrphid | Pteridium | Resting |
| 24/07/2019 | JG\_7 | L12 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding |
| 24/07/2019 | JG\_7 | L12 | Hedgerow | A | Syrphid | Ulex europaeus | Resting |
| 24/07/2019 | JG\_7 | L12 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 16/05/2019 | JM3\_15 | L5 | Hedgerow | A | B.lucorum.agg |  | \*cutting at time of survey |
| 16/05/2019 | JM3\_15 | L2 | Hedgerow | A | Bombus.sp |  |  |
| 16/05/2019 | JM3\_15 | L2 | Hedgerow | A | B.lucorum.agg |  |  |
| 16/05/2019 | JM3\_15 | L2 | Hedgerow | A | Bombus.sp |  |  |
| 16/05/2019 | JM3\_15 | L2 | Hedgerow | B | Andrena.sp |  |  |
| 16/05/2019 | JM3\_15 | L13a | Stone wall | A | 0 |  |  |
| 16/05/2019 | JM3\_15 | L6 | Hedgerow | A | Andrena.sp | Nesting | 4 ind, specimen available |
| 16/05/2019 | JM3\_15 | L6 | Hedgerow | A | B.lucorum.agg |  |  |
| 16/05/2019 | JM3\_15 | L6 | Hedgerow | A | B.lucorum.agg |  |  |
| 16/05/2019 | JM3\_15 | L6 | Hedgerow | A | Hoverfly.sp |  |  |
| 16/05/2019 | JM3\_15 | L6 | Hedgerow | A | Nomada.sp |  |  |
| 11/06/2019 | JM3\_15 | L5 | Hedgerow | A | Hoverfly (specimen A) | Anthriscus sylvestris | Feeding |
| 11/06/2019 | JM3\_15 | L5 | Hedgerow | A | Diptera.sp. | Heracleum sphondylium | Feeding |
| 11/06/2019 | JM3\_15 | L5 | Hedgerow | A | B.lucorum.agg |  | Flying |
| 11/06/2019 | JM3\_15 | L2 | Hedgerow | A | B.lucorum.agg | Heracleum sphondylium | Feeding |
| 11/06/2019 | JM3\_15 | L2 | Hedgerow | A | A.haemorrhoa | Heracleum sphondylium | Feeding |
| 11/06/2019 | JM3\_15 | L2 | Hedgerow | B | B.lucorum.agg | Heracleum sphondylium | Feeding |
| 11/06/2019 | JM3\_15 | L2 | Hedgerow | B | Bee.sp | Heracleum sphondylium | Feeding |
| 11/06/2019 | JM3\_15 | L2 | Hedgerow | B | B.lapidarius | Ranunculus repens | Feeding |
| 11/06/2019 | JM3\_15 | L2 | Hedgerow | B | Bombus.sp | Crataegus monogyna | Feeding |
| 11/06/2019 | JM3\_15 | L2 | Hedgerow | B | B.lucorum.agg | Ranunculus repens | Feeding |
| 11/06/2019 | JM3\_15 | L13a | Stone wall | A | 0 |  |  |
| 11/06/2019 | JM3\_15 | L6 | Hedgerow | A | A.haemorrhoa | Heracleum sphondylium | Feeding |
| 11/06/2019 | JM3\_15 | L6 | Hedgerow | A | Hoverfly (spec A) | Heracleum sphondylium | Feeding |
| 11/06/2019 | JM3\_15 | L6 | Hedgerow | A | Hoverfly (spec A) | Heracleum sphondylium | Feeding |
| 11/06/2019 | JM3\_15 | L6 | Hedgerow | A | Hoverfly (spec A) | Heracleum sphondylium | Feeding |
| 11/06/2019 | JM3\_15 | L6 | Hedgerow | A | A.haemorrhoa | Heracleum sphondylium | Feeding |
| 11/06/2019 | JM3\_15 | L6 | Hedgerow | A | Bee (photo) | Heracleum sphondylium | Feeding |
| 11/06/2019 | JM3\_15 | L6 | Hedgerow | A | Bee (photo) | Heracleum sphondylium | Feeding |
| 02/07/2019 | JM3\_15 | L6 | Hedgerow | A | B.lucorum.agg | Poaceae | Resting |
| 02/07/2019 | JM3\_15 | L6 | Hedgerow | A | Syrphid | Poaceae | Resting |
| 02/07/2019 | JM3\_15 | L6 | Hedgerow | A | B.lapidarius | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L6 | Hedgerow | A | Syrphid | Urtica dioica | Feeding and flying |
| 02/07/2019 | JM3\_15 | L6 | Hedgerow | A | Syrphus ribessii | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L5 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L5 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Pollen brushing |
| 02/07/2019 | JM3\_15 | L5 | Hedgerow | A | Syrphid | Poaceae | Investigating |
| 02/07/2019 | JM3\_15 | L5 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L5 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L5 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L5 | Hedgerow | A | B.lapidarius | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L5 | Hedgerow | A | B.lapidarius | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L5 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L5 | Hedgerow | A | Syrphid | Sambucus nigra | Feeding |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | A | B.lapidarius | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | A | Syrphid | Heracleum sphondylium | Feeding |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | A | Syrphid | Heracleum sphondylium | Feeding |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | A | Syrphid | Heracleum sphondylium | Resting |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | A | B.lapidarius | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | A | Syrphid | Heracleum sphondylium | Feeding |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | B | B.lucorum.agg | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | B | B.lucorum.agg | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | B | A.mellifera | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | B | A.mellifera | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | B | Syrphid | Ranunculus repens | Feeding |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | B | A.mellifera | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | B | A.mellifera | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | B | B.lucorum.agg | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | B | B.lucorum.agg | Rosa arvensis | Feeding |
| 02/07/2019 | JM3\_15 | L2 | Hedgerow | B | B.lucorum.agg | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | JM3\_15 | L13a | Stone wall | A | 0 |  |  |
| 12/08/2019 | JM3\_15 | L5 | Hedgerow | A | Eristalis tenax | Rubus fruticosus agg. | Resting |
| 12/08/2019 | JM3\_15 | L5 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | JM3\_15 | L5 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | JM3\_15 | L5 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | JM3\_15 | L5 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | JM3\_15 | L2 | Hedgerow | A | B.lapidarius | Cirsium vulgare | Feeding |
| 12/08/2019 | JM3\_15 | L2 | Hedgerow | A | B.lapidarius | Cirsium vulgare | Feeding |
| 12/08/2019 | JM3\_15 | L2 | Hedgerow | A | Syrphid | Cirsium vulgare | Feeding |
| 12/08/2019 | JM3\_15 | L2 | Hedgerow | A | Syrphid | Cirsium vulgare | Feeding and flying |
| 12/08/2019 | JM3\_15 | L2 | Hedgerow | A | Eristalis nemorum | Cirsium arvense | Feeding and flying |
| 12/08/2019 | JM3\_15 | L2 | Hedgerow | A | Eristalis nemorum | Cirsium arvense | Feeding and flying |
| 12/08/2019 | JM3\_15 | L2 | Hedgerow | A | Eristalis nemorum | Cirsium arvense | Feeding and flying |
| 12/08/2019 | JM3\_15 | L2 | Hedgerow | A | Sphaerophoria scripta | Sonchus oleraceus | Feeding |
| 12/08/2019 | JM3\_15 | L2 | Hedgerow | B | 0 | 0 | 0 |
| 12/08/2019 | JM3\_15 | L6 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | JM3\_15 | L6 | Hedgerow | A | B.pascorum | Rubus fruticosus agg. | Feeding and flying |
| 04/07/2019 | KN\_5 | L14 | Hedgerow | A | 0 |  |  |
| 04/07/2019 | KN\_5 | L11 | Stone wall | A | 0 |  |  |
| 04/07/2019 | KN\_5 | L21 | Stone wall | A | 0 |  |  |
| 04/07/2019 | KN\_5 | L18 | Hedgerow | A | Nomada sp | Ulex europaeus | Investigating |
| 04/07/2019 | KN\_5 | L18 | Hedgerow | A | Bee | Jasione montana | Feeding |
| 15/05/2019 | LF\_1 | L11b | Ditch | A | H.rubicundus | Ground | Nesting |
| 15/05/2019 | LF\_1 | L11b | Ditch | A | Sphecodes.sp | Ground | Nesting |
| 15/05/2019 | LF\_1 | L10b | Hedgerow | A | H.rubicundus | Ulex europaeus |  |
| 15/05/2019 | LF\_1 | L10b | Hedgerow | A | H.rubicundus | Ulex europaeus |  |
| 15/05/2019 | LF\_1 | L10b | Hedgerow | A | H.rubicundus | Ulex europaeus |  |
| 15/05/2019 | LF\_1 | L10b | Hedgerow | A | Bombus sp | Ulex europaeus |  |
| 15/05/2019 | LF\_1 | L12 | Hedgerow | A | Nomada sp |  |  |
| 15/05/2019 | LF\_1 | L4 | Stone wall | A | H.rubicundus | Wall | Nesting |
| 03/07/2019 | LF\_1 | L10b/11b | Ditch | A | Sphecodes.sp |  | Nest searching |
| 03/07/2019 | LF\_1 | L10a/11a | Hedgerow | A | Sphecodes.sp | Poaceae | Resting and flying |
| 03/07/2019 | LF\_1 | L10a/11a | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding |
| 03/07/2019 | LF\_1 | L10a/11a | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 03/07/2019 | LF\_1 | L10a/11a | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 03/07/2019 | LF\_1 | L10a/11a | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 03/07/2019 | LF\_1 | L10a/11a | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 03/07/2019 | LF\_1 | L10a/11a | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 03/07/2019 | LF\_1 | L10a/11a | Hedgerow | A | Halictid | Rubus fruticosus agg. | Feeding and flying |
| 03/07/2019 | LF\_1 | L12 | Hedgerow | A | Halictid | Rubus fruticosus agg. | Feeding and flying |
| 03/07/2019 | LF\_1 | L12 | Hedgerow | A | H.rubicundus | Rubus fruticosus agg. | Feeding and flying |
| 03/07/2019 | LF\_1 | L12 | Hedgerow | A | B.hypnorum | Rubus fruticosus agg. | Feeding and flying |
| 03/07/2019 | LF\_1 | L12 | Hedgerow | A | Halictid | Rubus fruticosus agg. | Feeding and flying |
| 03/07/2019 | LF\_1 | L12 | Hedgerow | A | Andrena sp | Rubus fruticosus agg. | Feeding |
| 03/07/2019 | LF\_1 | L12 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding |
| 03/07/2019 | LF\_1 | L12 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 03/07/2019 | LF\_1 | L4 | Stone wall | A | 0 |  |  |
| 22/07/2019 | LF\_1 | L10 | Hedgerow | A | Lasioglossum.sp. | Rubus fruticosus agg. (leaf) | Resting |
| 22/07/2019 | LF\_1 | L10 | Hedgerow | A | Syrphid | Rubus fruticosus agg. (leaf) | Resting |
| 22/07/2019 | LF\_1 | L12 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 22/07/2019 | LF\_1 | L12 | Hedgerow | A | Bee | Rubus fruticosus agg. | Feeding |
| 22/07/2019 | LF\_1 | L12 | Hedgerow | A | Bee | Rubus fruticosus agg. | Feeding |
| 22/07/2019 | LF\_1 | L12 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding |
| 22/07/2019 | LF\_1 | L10b | Ditch | A | 0 |  |  |
| 22/07/2019 | LF\_1 | L4 | Stone wall | A | H.rubicundus | Wall | Nesting |
| 22/07/2019 | LF\_1 | L4 | Stone wall | A | H.rubicundus | Wall | Nesting |
| 13/08/2019 | LF\_1 | L10b/11b | Ditch | A | 0 | 0 | 0 |
| 13/08/2019 | LF\_1 | L10a/11a | Hedgerow | A | H.rubicundus | Pteridium | Resting |
| 13/08/2019 | LF\_1 | L10a/11a | Hedgerow | A | H.rubicundus | Pteridium | Resting |
| 13/08/2019 | LF\_1 | L10a/11a | Hedgerow | A | B.lucorum.agg | Cirsium palustre | Feeding and flying |
| 13/08/2019 | LF\_1 | L10a/11a | Hedgerow | A | B.pascorum | Cirsium palustre | Feeding |
| 13/08/2019 | LF\_1 | L12 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Feeding |
| 13/08/2019 | LF\_1 | L12 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 13/08/2019 | LF\_1 | L12 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 13/08/2019 | LF\_1 | L12 | Hedgerow | A | Volucella pellucens | Rubus fruticosus agg. | Feeding and flying |
| 13/08/2019 | LF\_1 | L12 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 13/08/2019 | LF\_1 | L12 | Hedgerow | A | H.rubicundus | Rubus fruticosus agg. | Feeding |
| 13/08/2019 | LF\_1 | L4 | Stone wall | A | H.rubicundus | Ground | Nesting |
| 14/05/2019 | MD\_17 | L9 | Hedgerow | A | 0 |  |  |
| 14/05/2019 | MD\_17 | L16 | Hedgerow | A | 0 |  |  |
| 14/05/2019 | MD\_17 | L16b | Ditch | A | 0 |  |  |
| 14/05/2019 | MD\_17 | L12b | Grassy margin | A | Solitary.sp |  |  |
| 04/07/2019 | MD\_17 | L15 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 04/07/2019 | MD\_17 | L15 | Hedgerow | A | B.lucorum.agg | Rosa arvensis | Feeding and flying |
| 04/07/2019 | MD\_17 | L16 | Hedgerow | A | Syrphid | Galium aparine | Investigating |
| 04/07/2019 | MD\_17 | L12b | Grassy margin | A | 0 |  |  |
| 16/05/2019 | MK\_3 | L9b | Ditch | A | Solitary.sp |  | Nesting |
| 16/05/2019 | MK\_3 | L9b | Ditch | A | Nomada.sp |  | Nesting |
| 16/05/2019 | MK\_3 | L9b | Ditch | A | Hoverfly.sp | Bare ground |  |
| 16/05/2019 | MK\_3 | L9b | Ditch | B | Solitary.sp | Ground | Nesting |
| 16/05/2019 | MK\_3 | L7 | Hedgerow | A | 0 |  |  |
| 16/05/2019 | MK\_3 | L7 | Hedgerow | B | Nomada.sp |  |  |
| 16/05/2019 | MK\_3 | L6 | Grassy margin | A | Bee.sp | Urtica dioica |  |
| 16/05/2019 | MK\_3 | L6 | Grassy margin | A | Hoverfly.sp | Urtica dioica |  |
| 16/05/2019 | MK\_3 | L6 | Grassy margin | A | Solitary.sp | Urtica dioica | As specimen (1) |
| 11/06/2019 | MK\_3 | L12 | Hedgerow | A | 0 |  |  |
| 11/06/2019 | MK\_3 | L12 | Hedgerow | B | 0 |  |  |
| 11/06/2019 | MK\_3 | L9b | Ditch | A | Andrena.sp (spec prev survey) | Heracleum sphondylium | Feeding |
| 11/06/2019 | MK\_3 | L9b | Ditch | A | Nomada (prev survey) | Heracleum sphondylium | Feeding |
| 11/06/2019 | MK\_3 | L9b | Ditch | A | Nomada (prev survey) | Heracleum sphondylium | Feeding |
| 11/06/2019 | MK\_3 | L9b | Ditch | A | B.lucorum.agg | Heracleum sphondylium | Feeding |
| 11/06/2019 | MK\_3 | L9b | Ditch | A | Hoverfly (spec A) | Heracleum sphondylium | Feeding |
| 11/06/2019 | MK\_3 | L9b | Ditch | A | Hoverfly.sp | Heracleum sphondylium | Feeding |
| 11/06/2019 | MK\_3 | L9b | Ditch | A | Hoverfly.sp | Heracleum sphondylium | Feeding |
| 11/06/2019 | MK\_3 | L9b | Ditch | A | Hoverfly.sp | Heracleum sphondylium | Feeding |
| 11/06/2019 | MK\_3 | L9b | Ditch | A | Hoverfly.sp | Heracleum sphondylium | Feeding |
| 11/06/2019 | MK\_3 | L9b | Ditch | B | 0 |  |  |
| 11/06/2019 | MK\_3 | L7 | Hedgerow | A | 0 |  |  |
| 11/06/2019 | MK\_3 | L7 | Hedgerow | B | Hoverfly.sp (pics) | Heracleum sphondylium | Resting |
| 11/06/2019 | MK\_3 | L7 | Hedgerow | B | B.lucorum.agg | Crataegus monogyna | Feeding and flying |
| 11/06/2019 | MK\_3 | L6 | Grassy margin | A | 0 |  |  |
| 02/07/2019 | MK\_3 | L12 | Hedgerow | A | 0 |  |  |
| 02/07/2019 | MK\_3 | L12 | Hedgerow | B | 0 |  |  |
| 02/07/2019 | MK\_3 | L9b | Ditch | A | 0 |  |  |
| 02/07/2019 | MK\_3 | L9b | Ditch | B | 0 |  |  |
| 02/07/2019 | MK\_3 | L7 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | MK\_3 | L7 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | MK\_3 | L7 | Hedgerow | B | Syrphid | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | MK\_3 | L7 | Hedgerow | B | B.lucorum.agg | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | MK\_3 | L6 | Grassy margin | A | 0 |  |  |
| 12/08/2019 | MK3 | L12 | Hedgerow | A | 0 | 0 | 0 |
| 12/08/2019 | MK3 | L12 | Hedgerow | B | 0 | 0 | 0 |
| 12/08/2019 | MK3 | L9b | Ditch | A | Syrphid | Poaceae | Resting |
| 12/08/2019 | MK3 | L9b | Ditch | A | Syrphid | Geranium robertianum | Resting |
| 12/08/2019 | MK3 | L9b | Ditch | A | B.lucorum.agg | Impatiens glandulifera | Feeding and flying |
| 12/08/2019 | MK3 | L9b | Ditch | A | B.lucorum.agg | Impatiens glandulifera | Feeding and flying |
| 12/08/2019 | MK3 | L9b | Ditch | A | Syrphid | Impatiens glandulifera | Feeding and flying |
| 12/08/2019 | MK3 | L9b | Ditch | A | Syrphid | Impatiens glandulifera | Feeding and flying |
| 12/08/2019 | MK3 | L9b | Ditch | A | Syrphid | Impatiens glandulifera | Feeding and flying |
| 12/08/2019 | MK3 | L9b | Ditch | A | Syrphid | Impatiens glandulifera | Feeding and flying |
| 12/08/2019 | MK3 | L9b | Ditch | A | B.pascorum | Impatiens glandulifera | Feeding and flying |
| 12/08/2019 | MK3 | L9b | Ditch | A | B.lapidarius | Impatiens glandulifera | Feeding and flying |
| 12/08/2019 | MK3 | L9b | Ditch | A | B.lapidarius | Impatiens glandulifera | Feeding and flying |
| 12/08/2019 | MK3 | L7 | Hedgerow | A | Syrphid | Angelica sylvestris | Feeding and flying |
| 12/08/2019 | MK3 | L7 | Hedgerow | A | Syrphid | Angelica sylvestris | Feeding |
| 12/08/2019 | MK3 | L7 | Hedgerow | B | 0 | 0 | 0 |
| 15/05/2019 | MM\_5 | L17b | Ditch | A | 0 |  |  |
| 15/05/2019 | MM\_5 | L12 | Hedgerow | A | Bombus sp. | Urtica dioica |  |
| 15/05/2019 | MM\_5 | L12 | Hedgerow | B | 0 |  |  |
| 03/07/2019 | MM\_5 | L12 | Stone wall | A | 0 |  |  |
| 03/07/2019 | MM\_5 | L18 | Grassy margin | A | 0 |  |  |
| 03/07/2019 | MM\_5 | L17 | Hedgerow | A | 0 |  |  |
| 03/07/2019 | MM\_5 | L17 | Hedgerow | B | 0 |  |  |
| 03/07/2019 | MM\_5 | L8b | Ditch | A | Andrena sp | Poaceae | Resting |
| 22/07/2019 | MM\_5 | L12 | Stone wall | A | B.lucorum.agg | Wall | Investigating |
| 22/07/2019 | MM\_5 | L18 | Grassy margin | A | 0 |  |  |
| 22/07/2019 | MM\_5 | L17 | Hedgerow | A | 0 |  |  |
| 22/07/2019 | MM\_5 | L17 | Hedgerow | B | 0 |  |  |
| 22/07/2019 | MM\_5 | L8b | Ditch | A | 0 |  |  |
| 13/08/2019 | MM\_5 | L12 | Stone wall | A | 0 | 0 | 0 |
| 13/08/2019 | MM\_5 | L18 | Grassy margin | A | 0 | 0 | 0 |
| 13/08/2019 | MM\_5 | L17 | Hedgerow | A | Syrphid spec A | Cirsium arvense | Feeding |
| 13/08/2019 | MM\_5 | L17 | Hedgerow | A | Syrphid spec A | Cirsium arvense | Feeding |
| 13/08/2019 | MM\_5 | L17 | Hedgerow | A | Syrphid spec A | Cirsium arvense | Feeding |
| 13/08/2019 | MM\_5 | L17 | Hedgerow | A | Episyrphus balteatus | Cirsium arvense | Feeding |
| 13/08/2019 | MM\_5 | L17 | Hedgerow | A | Spec B | Cirsium arvense | Feeding |
| 13/08/2019 | MM\_5 | L17 | Hedgerow | B | Spec A | Cirsium arvense | Feeding |
| 13/08/2019 | MM\_5 | L17 | Hedgerow | B | Episyrphus balteatus | Cirsium arvense | Feeding and flying |
| 13/08/2019 | MM\_5 | L17 | Hedgerow | B | Episyrphus balteatus | Cirsium arvense | Feeding and flying |
| 13/08/2019 | MM\_5 | L17 | Hedgerow | B | Eristalis nemorum | Cirsium arvense | Feeding and flying |
| 13/08/2019 | MM\_5 | L17 | Hedgerow | B | Spec. C | Cirsium arvense | Feeding |
| 13/08/2019 | MM\_5 | L8b | Ditch | A | 0 | 0 | 0 |
| 13/05/2019 | MO2\_10 | L14 | Hedgerow | A | 0 |  |  |
| 13/05/2019 | MO2\_10 | L14 | Hedgerow | B | 0 |  |  |
| 13/05/2019 | MO2\_10 | L6 | Hedgerow | A | 0 |  |  |
| 13/05/2019 | MO2\_10 | L3 | Hedgerow | A | Bombus.sp | Vaccinium myrtillus | Feeding |
| 13/05/2019 | MO2\_10 | L13b | Ditch | A | 0 |  |  |
| 03/07/2019 | MO2\_10 | L14 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 03/07/2019 | MO2\_10 | L14 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 03/07/2019 | MO2\_10 | L6 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 03/07/2019 | MO2\_10 | L6 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 03/07/2019 | MO2\_10 | L3 | Hedgerow | A | B.lucorum.agg | Erica cinerea | Feeding and flying |
| 03/07/2019 | MO2\_10 | L3 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 03/07/2019 | MO2\_10 | L13b | Ditch | A | B.lucorum.agg |  | Flying in ditch |
| 24/07/2019 | MO2\_10 | L14 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | MO2\_10 | L6 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 24/07/2019 | MO2\_10 | L3 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Resting |
| 24/07/2019 | MO2\_10 | L3 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | MO2\_10 | L13b | Ditch | A | Syrphid | Potentilla erecta | Feeding |
| 24/07/2019 | MO2\_10 | L13b | Ditch | A | Syrphid | Potentilla erecta | Feeding |
| 24/07/2019 | MO2\_10 | L13b | Ditch | A | Syrphid | Potentilla erecta | Feeding |
| 24/07/2019 | MO2\_10 | L13b | Ditch | A | Syrphid | Potentilla erecta | Feeding |
| 24/07/2019 | MO2\_10 | L13b | Ditch | A | Syrphid | Potentilla erecta | Feeding |
| 13/05/2019 | MP\_4 | L8 | Ditch | A | Solitary.sp |  |  |
| 13/05/2019 | MP\_4 | L5 | Hedgerow | A | 0 |  |  |
| 13/05/2019 | MP\_4 | L32 | Hedgerow | A | Nomada.sp |  |  |
| 13/05/2019 | MP\_4 | L33a | Stone wall | A | 0 |  |  |
| 05/07/2019 | MP\_4 | L5 | Hedgerow | A | 0 |  |  |
| 05/07/2019 | MP\_4 | L33a | Stone wall | A | 0 |  |  |
| 05/07/2019 | MP\_4 | L32 | Hedgerow | A | Bee | Rubus fruticosus agg. | Feeding |
| 05/07/2019 | MP\_4 | L32 | Hedgerow | A | Solitary.sp | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | MP\_4 | L32 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | MP\_4 | L32 | Hedgerow | A | H.rubicundus | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | MP\_4 | L5 | Hedgerow | A | 0 |  |  |
| 24/07/2019 | MP\_4 | L33a | Stone wall | A | 0 |  |  |
| 24/07/2019 | MP\_4 | L32 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 24/07/2019 | MP\_4 | L32 | Hedgerow | A | Solitary.sp | Rubus fruticosus agg. | Feeding |
| 24/07/2019 | MP\_4 | L32 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 13/05/2019 | NO\_5 | L7 | Hedgerow | A | H.rubicundus |  |  |
| 13/05/2019 | NO\_5 | L7 | Hedgerow | A | H.rubicundus |  |  |
| 13/05/2019 | NO\_5 | L7 | Hedgerow | B | Solitary.sp |  |  |
| 13/05/2019 | NO\_5 | L7 | Hedgerow | B | Solitary.sp |  |  |
| 13/05/2019 | NO\_5 | L6b | Ditch | A | 0 |  |  |
| 13/05/2019 | NO\_5 | L4 | Grassy margin | A | 0 |  |  |
| 13/05/2019 | NO\_5 | L | Hedgerow | A | 0 |  |  |
| 05/07/2019 | NO\_5 | L6b | Ditch | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | NO\_5 | L6b | Ditch | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | NO\_5 | L6b | Ditch | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | NO\_5 | L6b | Ditch | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | NO\_5 | L6b | Ditch | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | NO\_5 | L6b | Ditch | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | NO\_5 | L6b | Ditch | A | Solitary.sp | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | NO\_5 | L6b | Ditch | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | NO\_5 | L6b | Ditch | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | NO\_5 | L6b | Ditch | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | NO\_5 | L6b | Ditch | A | H.rubicundus | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | NO\_5 | L6b | Ditch | A | Syrphid | Ulex europaeus | Resting |
| 05/07/2019 | NO\_5 | L7 | Hedgerow | A | Syrphid | Pteridium | Resting |
| 05/07/2019 | NO\_5 | L7 | Hedgerow | B | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | NO\_5 | L7 | Hedgerow | B | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | NO\_5 | L7 | Hedgerow | B | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | NO\_5 | L6a | Grassy margin | A | 0 |  |  |
| 05/07/2019 | NO\_5 | L6a | Grassy margin | B | 0 |  |  |
| 05/07/2019 | NO\_5 | L8 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | NO\_5 | L8 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | NO\_5 | L8 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 05/07/2019 | NO\_5 | L8 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding |
| 05/07/2019 | NO\_5 | L8 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | NO\_5 | L8 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 05/07/2019 | NO\_5 | L8 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | NO\_5 | L6b | Ditch | A | Syrphid | Achillea millefolium | Feeding and flying |
| 24/07/2019 | NO\_5 | L6b | Ditch | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | NO\_5 | L6b | Ditch | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | NO\_5 | L6b | Ditch | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 24/07/2019 | NO\_5 | L6b | Ditch | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | NO\_5 | L6b | Ditch | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | NO\_5 | L7 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Resting |
| 24/07/2019 | NO\_5 | L7 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Resting |
| 24/07/2019 | NO\_5 | L7 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Resting |
| 24/07/2019 | NO\_5 | L7 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Resting |
| 24/07/2019 | NO\_5 | L7 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 24/07/2019 | NO\_5 | L7 | Hedgerow | B | Syrphid | Pteridium | Resting |
| 24/07/2019 | NO\_5 | L7 | Hedgerow | B | Syrphid | Pteridium | Resting |
| 24/07/2019 | NO\_5 | L7 | Hedgerow | B | Syrphid | Pteridium | Resting |
| 24/07/2019 | NO\_5 | L7 | Hedgerow | B | Syrphid | Pteridium | Resting |
| 24/07/2019 | NO\_5 | L7 | Hedgerow | B | Syrphid | Pteridium | Resting |
| 24/07/2019 | NO\_5 | L7 | Hedgerow | B | Syrphid | Pteridium | Resting |
| 24/07/2019 | NO\_5 | L6a | Grassy margin | A | 0 |  |  |
| 24/07/2019 | NO\_5 | L6a | Grassy margin | B | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | NO\_5 | L8 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | NO\_5 | L8 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | NO\_5 | L8 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | NO\_5 | L8 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | NO\_5 | L8 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | NO\_5 | L8 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | NO\_5 | L8 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | NO\_5 | L8 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Resting |
| 24/07/2019 | NO\_5 | L8 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Resting |
| 24/07/2019 | NO\_5 | L8 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 24/07/2019 | NO\_5 | L8 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 24/07/2019 | NO\_5 | L8 | Hedgerow | A | L.calcaetum | Cirsium arvense | Feeding |
| 24/07/2019 | NO\_5 | L8 | Hedgerow | A | Syrphid | Cirsium arvense | Feeding and flying |
| 24/07/2019 | NO\_5 | L8 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 07/05/2019 | PL\_8 | L7 | Hedgerow | A | 0 |  |  |
| 07/05/2019 | PL\_8 | L7 | Hedgerow | B | Bombus.lucorum.agg |  |  |
| 07/05/2019 | PL\_8 | L4 | Hedgerow | A | 0 |  |  |
| 07/05/2019 | PL\_8 | L1 | Stone wall | A | 0 |  |  |
| 07/05/2019 | PL\_8 | L1 | Stone wall | B | Andrena.sp |  |  |
| 07/05/2019 | PL\_8 | L1 | Stone wall | B | B.lucorum.agg |  |  |
| 07/05/2019 | PL\_8 | L2 | Hedgerow | A | B.lucorum.agg |  |  |
| 04/07/2019 | PL\_8 | L7 | Hedgerow | A | 0 |  |  |
| 04/07/2019 | PL\_8 | L4 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding |
| 04/07/2019 | PL\_8 | L4 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 04/07/2019 | PL\_8 | L4 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 04/07/2019 | PL\_8 | L4 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 04/07/2019 | PL\_8 | L4 | Hedgerow | A | B.lucorum.agg | Digitalis purpurea | Feeding |
| 04/07/2019 | PL\_8 | L2 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 04/07/2019 | PL\_8 | L2 | Hedgerow | A | Syrphid | Galium aparine | Feeding and flying |
| 04/07/2019 | PL\_8 | L2 | Hedgerow | A | Syrphid | Digitalis purpurea | Investigating |
| 04/07/2019 | PL\_8 | L1 | Stone wall | A | 0 |  |  |
| 16/05/2019 | RK\_6\_9\_14 | L13a | Hedgerow | A | Andrena.sp |  |  |
| 16/05/2019 | RK\_6\_9\_14 | L13a | Hedgerow | A | Nomada.sp |  | Specimen |
| 16/05/2019 | RK\_6\_9\_14 | L13a | Hedgerow | A | Bombus.sp |  |  |
| 16/05/2019 | RK\_6\_9\_14 | L13a | Hedgerow | A | Sphecodes.sp |  |  |
| 16/05/2019 | RK\_6\_9\_14 | L13a | Hedgerow | B | 0 |  |  |
| 16/05/2019 | RK\_6\_9\_14 | L14 | Hedgerow | A | 0 |  |  |
| 16/05/2019 | RK\_6\_9\_14 | L14 | Hedgerow | B | Nomada.sp |  |  |
| 16/05/2019 | RK\_6\_9\_14 | L12 | Hedgerow | A | 0 |  |  |
| 16/05/2019 | RK\_6\_9\_14 | L12 | Hedgerow | B | 0 |  |  |
| 16/05/2019 | RK\_6\_9\_14 | L11b | Hedgerow | A | 0 |  |  |
| 16/05/2019 | RK\_6\_9\_14 | L11b | Hedgerow | B | 0 |  |  |
| 16/05/2019 | RK\_6\_9\_14 | L31b | Ditch | A | Hoverfly.sp |  |  |
| 16/05/2019 | RK\_6\_9\_14 | L31b | Ditch | A | Hoverfly.sp |  |  |
| 16/05/2019 | RK\_6\_9\_14 | L31b | Ditch | A | Hoverfly.sp |  |  |
| 16/05/2019 | RK\_6\_9\_14 | L31b | Ditch | A | Hoverfly.sp |  |  |
| 11/06/2019 | RK\_6\_9\_14 | L13 | Hedgerow | A | Hoverfly (spec A JM3) | Heracleum sphondylium | Feeding |
| 11/06/2019 | RK\_6\_9\_14 | L13 | Hedgerow | A | Hoverfly (spec A JM3) | Heracleum sphondylium | Feeding |
| 11/06/2019 | RK\_6\_9\_14 | L13 | Hedgerow | B | 0 |  |  |
| 11/06/2019 | RK\_6\_9\_14 | L14 | Hedgerow | A | 0 |  |  |
| 11/06/2019 | RK\_6\_9\_14 | L14 | Hedgerow | B | 0 |  |  |
| 11/06/2019 | RK\_6\_9\_14 | L31b | Ditch | A | 0 |  |  |
| 11/06/2019 | RK\_6\_9\_14 | L11 | Hedgerow | A | 0 |  |  |
| 11/06/2019 | RK\_6\_9\_14 | L11 | Hedgerow | B | 0 |  |  |
| 02/07/2019 | RK9 | L13 | Hedgerow | A | Syrphid specimen A | Heracleum sphondylium | Feeding |
| 02/07/2019 | RK9 | L13 | Hedgerow | A | Syrphid | Galium aparine | Resting |
| 02/07/2019 | RK9 | L13 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding and flying |
| 02/07/2019 | RK9 | L13 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | RK9 | L13 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | RK9 | L13 | Hedgerow | B | Syrphid | Rubus fruticosus agg. | Resting |
| 02/07/2019 | RK9 | L13 | Hedgerow | B | Syrphid | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | RK9 | L13 | Hedgerow | B | Syrphid | Heracleum sphondylium | Resting |
| 02/07/2019 | RK9 | L13 | Hedgerow | B | Syrphid specimen A | Galium aparine | Feeding |
| 02/07/2019 | RK9 | L13 | Hedgerow | B | Syrphid | Heracleum sphondylium | Feeding |
| 02/07/2019 | RK9 | L13 | Hedgerow | B | Syrphid | Heracleum sphondylium | Feeding |
| 02/07/2019 | RK9 | L14 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | RK9 | L14 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | RK9 | L14 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | RK9 | L14 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | RK9 | L14 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | RK9 | L14 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | RK9 | L14 | Hedgerow | B | Syrphid | Rubus fruticosus agg. | Resting |
| 02/07/2019 | RK9 | L14 | Hedgerow | B | Syrphid | Rubus fruticosus agg. | Resting |
| 02/07/2019 | RK9 | L11 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | RK9 | L11 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | RK9 | L11 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | RK9 | L11 | Hedgerow | A | A.mellifera | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | RK9 | L11 | Hedgerow | A | Syrphid | Heracleum sphondylium | Feeding |
| 02/07/2019 | RK9 | L11 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 02/07/2019 | RK9 | L11 | Hedgerow | A | Syrphid | Heracleum sphondylium | Feeding |
| 02/07/2019 | RK9 | L11 | Hedgerow | A | Syrphid | Heracleum sphondylium | Feeding |
| 02/07/2019 | RK9 | L11 | Hedgerow | A | Syrphid | Heracleum sphondylium | Feeding |
| 02/07/2019 | RK9 | L11 | Hedgerow | A | Syrphid | Heracleum sphondylium | Feeding |
| 02/07/2019 | RK9 | L11 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding |
| 02/07/2019 | RK9 | L31b | Ditch | A | Syrphid | Cardamine flexuosa | Feeding and flying |
| 02/07/2019 | RK9 | L31b | Ditch | A | Syrphid | Cardamine flexuosa | Feeding and flying |
| 02/07/2019 | RK9 | L31b | Ditch | A | Syrphid | Cardamine flexuosa | Feeding and flying |
| 02/07/2019 | RK9 | L31b | Ditch | A | Syrphid | Cardamine flexuosa | Feeding and flying |
| 02/07/2019 | RK9 | L31b | Ditch | A | Syrphid | Cardamine flexuosa | Feeding |
| 12/08/2019 | RK9 | L13 | Hedgerow | A | Episyrphus balteatus | Rubus fruticosus agg. | Rest and fly |
| 12/08/2019 | RK9 | L13 | Hedgerow | A | Specimen A | Geranium robertianum | Feeding |
| 12/08/2019 | RK9 | L13 | Hedgerow | A | Syrphid | Pteridium | Rest and fly |
| 12/08/2019 | RK9 | L14 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | RK9 | L14 | Hedgerow | A | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | RK9 | L14 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Resting |
| 12/08/2019 | RK9 | L14 | Hedgerow | A | Syrphid | Rubus fruticosus agg. | Resting |
| 12/08/2019 | RK9 | L14 | Hedgerow | A | Specimen B | Rubus fruticosus agg. | Feeding |
| 12/08/2019 | RK9 | L14 | Hedgerow | A | Eristalis nemorum | Rubus fruticosus agg. | Feeding |
| 12/08/2019 | RK9 | L14 | Hedgerow | B | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | RK9 | L14 | Hedgerow | B | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | RK9 | L14 | Hedgerow | B | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | RK9 | L14 | Hedgerow | B | Eristalis nemorum | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | RK9 | L14 | Hedgerow | B | Eristalis nemorum | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | RK9 | L14 | Hedgerow | B | Eristalis nemorum | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | RK9 | L14 | Hedgerow | B | Specimen C | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | RK9 | L14 | Hedgerow | B | B.pratorum | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | RK9 | L14 | Hedgerow | B | Volucella pellucens | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | RK9 | L14 | Hedgerow | B | Volucella bombylans | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | RK9 | L14 | Hedgerow | B | Volucella bombylans | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | RK9 | L14 | Hedgerow | B | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | RK9 | L14 | Hedgerow | B | B.pratorum | Rubus fruticosus agg. | Feeding and flying |
| 12/08/2019 | RK9 | L14 | Hedgerow | B | Syrphid | Rubus fruticosus agg. | Feeding and flying |
| 15/05/2019 | WB\_8 | L17 | Hedgerow | A | 0 |  |  |
| 15/05/2019 | WB\_8 | L17 | Hedgerow | B | 0 |  |  |
| 15/05/2019 | WB\_8 | L22 | Stone wall | A | Nomada sp | Wall | Nest searching |
| 15/05/2019 | WB\_8 | L25 | Hedgerow | A | A.mellifera | Crataegus monogyna |  |
| 15/05/2019 | WB\_8 | L25 | Hedgerow | A | A.mellifera | Crataegus monogyna |  |
| 15/05/2019 | WB\_8 | L25 | Hedgerow | A | Bee | Crataegus monogyna |  |
| 15/05/2019 | WB\_8 | L21 | Hedgerow | A | Nomada sp |  |  |
| 03/07/2019 | WB\_8 | L17 | Hedgerow | A | 0 |  |  |
| 03/07/2019 | WB\_8 | L17 | Hedgerow | B | 0 |  |  |
| 03/07/2019 | WB\_8 | L22 | Stone wall | A | 0 |  |  |
| 03/07/2019 | WB\_8 | L25 | Hedgerow | A | Syrphid | Ranunculus acris | Feeding |
| 03/07/2019 | WB\_8 | L25 | Hedgerow | A | Syrphid | Ranunculus acris | Feeding |
| 03/07/2019 | WB\_8 | L25 | Hedgerow | A | Syrphid | Crepis capillaris | Feeding |
| 03/07/2019 | WB\_8 | L25 | Hedgerow | A | Syrphid | Crepis capillaris | Feeding |
| 03/07/2019 | WB\_8 | L27 | Hedgerow | A | Syrphid | Ranunculus repens | Feeding |
| 22/07/2019 | WB\_8 | L17 | Hedgerow | A | Syrphid | Cirsium arvense | Feeding |
| 22/07/2019 | WB\_8 | L22 | Stone wall | A | 0 |  |  |
| 22/07/2019 | WB\_8 | L25 | Hedgerow | A | 0 |  |  |
| 22/07/2019 | WB\_8 | L27 | Hedgerow | A | 0 |  |  |
| 13/08/2019 | WB\_8 | L17 | Hedgerow | A | Syrphid | Crepis capillaris | Feeding |
| 13/08/2019 | WB\_8 | L17 | Hedgerow | A | Syrphid | Crepis capillaris | Feeding |
| 13/08/2019 | WB\_8 | L17 | Hedgerow | A | Syrphid | Crepis capillaris | Feeding |
| 13/08/2019 | WB\_8 | L17 | Hedgerow | B | B.lucorum.agg | Rubus fruticosus agg. | Feeding and flying |
| 13/08/2019 | WB\_8 | L17 | Hedgerow | B | H.rubicundus | Cirsium arvense | Feeding |
| 13/08/2019 | WB\_8 | L22 | Stone wall | A | 0 | 0 | 0 |
| 13/08/2019 | WB\_8 | L25 | Hedgerow | A | Syrphid | Cirsium arvense | Feeding |
| 13/08/2019 | WB\_8 | L25 | Hedgerow | A | Syrphid | Cirsium arvense | Feeding |
| 13/08/2019 | WB\_8 | L25 | Hedgerow | A | Syrphid | Cirsium arvense | Feeding |
| 13/08/2019 | WB\_8 | L25 | Hedgerow | A | Syrphid | Cirsium arvense | Feeding |
| 13/08/2019 | WB\_8 | L25 | Hedgerow | A | Syrphid | Cirsium arvense | Feeding |
| 13/08/2019 | WB\_8 | L25 | Hedgerow | A | Syrphid | Achillea millefolium | Feeding |
| 13/08/2019 | WB\_8 | L25 | Hedgerow | A | Spec.A | Achillea millefolium | Feeding |
| 13/08/2019 | WB\_8 | L25 | Hedgerow | A | Syrphid | Cirsium arvense | Feeding |
| 13/08/2019 | WB\_8 | L25 | Hedgerow | A | Syrphid | Cirsium arvense | Feeding |
| 13/08/2019 | WB\_8 | L27 | Hedgerow | A | Syrphid | Cirsium arvense | Feeding |
| 13/08/2019 | WB\_8 | L27 | Hedgerow | A | Syrphid | Cirsium arvense | Feeding |
| 13/08/2019 | WB\_8 | L27 | Hedgerow | A | Syrphid | Cirsium arvense | Feeding |
| 13/08/2019 | WB\_8 | L27 | Hedgerow | A | Syrphid | Cirsium arvense | Feeding |
| 13/08/2019 | WB\_8 | L27 | Hedgerow | A | Syrphid | Cirsium arvense | Feeding |