

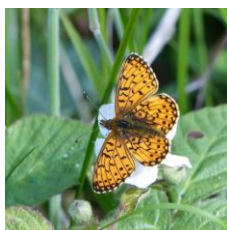
Cudwell Meadow Update Summer 2023

The June Bioblitz was blessed with perfect weather – sunny all day but not too hot. We had lots of good folk come and help identify fauna and flora. We were blessed with two spider experts from Shropshire Spiders, complete with their ‘Heath Robinson’ spider catchers (which also gently scooped up loads of other species too). They were very pleased to identify 31 species of spiders within the meadow. Spiders can be very attractive and they included the pink Candy Stripe and the bright Cucumber Green spider.



Lots of shield bugs were scooped up by them too, together with plenty of their juvenile stages known as ‘instars’ which reveal they are happily multiplying in the meadow. We identified 6 species including the Bishops Mitre Shield Bug not seen there before and this Red Legged Shield Bug. There were plenty of beetles with several new species of ladybird and weevils not found in previous years. Beetles included a splendid large red Hazel Leaf Roller weevil and pair of mating Green Nettle Weevils.

In the afternoon the regular **monthly bee walk** was held but with extra eagle-eyed assistants, and an impressive total of 10 different bumble bee species were recorded including two gypsy bumble bees and the first sighting of bilberry bumble bees in the meadow.



There was a varied mix of moths and butterflies (13 species) including the beautiful Scarlet Tiger (which has dramatic scarlet underwings seen when flying) and a Dark Green Fritillary.



Nine members of the Strettons botany group came to look at the vegetation and they were pleased to identify two new species for the meadow, Ragged Robin around the pond and Teasel. However other species may have been lost. The very wet winter and spring meant that no sheep could come in to graze the mostly flooded meadow in the early spring resulting now in an abundance of long grass. It seems that some yellow meadow ants are moving in and busily constructing two large nests by the bank and another by the water trough. They are usually an indicator of undisturbed meadows.

Recent visitors to the meadow have included a quite splendid Bee Chafer, discovered by a member of the Shropshire Spider group when they visited in July. These are rare, with around 1 sighting a year for Shropshire so understandably caused lots of excitement. They breed in old birch trees, of which there are a few nearby so we're hoping it may reappear next year.



| | |
|---------------------------------------|----------------------|
| <i>Hazel Leaf Roller weevil (red)</i> | <i>John Baines</i> |
| <i>Red Legged Shield Bug</i> | <i>Isabel Carter</i> |
| <i>Ragged Robin</i> | <i>Mike Carter</i> |
| <i>Bilberry Bumble Bee</i> | <i>Isabel Carter</i> |
| <i>Green Nettle Weevil</i> | <i>Isabel Carter</i> |
| <i>Bee Chafer</i> | <i>Isabel Carter</i> |

Observations for Cudwell Meadow, Summer 2023

| Spiders | |
|-----------------------------------------|-----------------------------|
| <i>Araneus quadratus</i> | Four-spotted Orbweb spider |
| <i>Araniella cucurbitina sens. str.</i> | A cucumber spider |
| <i>Zelotes latreillei</i> | A mouse spider |
| <i>Agyneta saxatilis sens. str.</i> | A money spider |
| <i>Bathyphantes gracilis</i> | A money spider |
| <i>Bathyphantes parvulus</i> | A money spider |
| <i>Dismodicus bifrons</i> | A money spider |
| <i>Erigone atra</i> | A money spider |
| <i>Erigone dentipalpis</i> | A money spider |
| <i>Erigonella hiemalis</i> | A money spider |
| <i>Gnathonarium dentatum</i> | A money spider |
| <i>Microlinyphia impigra</i> | A money spider |
| <i>Neriene clathrata</i> | A money spider |
| <i>Oedothorax fuscus</i> | A money spider |
| <i>Oedothorax gibbosus</i> | A money spider |
| <i>Pocadicnemis juncea</i> | A money spider |
| <i>Tenuiphantes tenuis</i> | A money spider |
| <i>Pardosa monticola</i> | A wolf spider |
| <i>Pardosa pullata</i> | A wolf spider |
| <i>Piratula latitans</i> | An otter spider |
| <i>Pisaura mirabilis</i> | Nursery web spider |
| <i>Metellina mengei</i> | A long-jawed Orbweb spider |
| <i>Tetragnatha extensa</i> | Common stretch spider |
| <i>Enoplognatha ovata sens. str.</i> | Common Candy-striped spider |
| <i>Neottiura bimaculata</i> | A comb footed spider |
| <i>Xysticus cristatus</i> | A crab spider |
| <i>Nemastoma bimaculatum</i> | An harvestman |
| <i>Dicranopalpus ramosus agg.</i> | An harvestman |
| <i>Leiobunum rotundum</i> | An harvestman |
| <i>Opilio saxatilis</i> | An harvestman |
| <i>Platybunus triangularis</i> | An harvestman |

| Beetles | |
|-------------------------------|-------------------------------|
| <i>Philaenus spumarius</i> | Common spittlebug |
| <i>Pithanus maerkelii</i> | A mirid bug |
| <i>Oedemera lurida</i> | A flower beetle |
| <i>Oedemera nobilis</i> | Swollen thighed flower beetle |
| <i>Rhagonycha fulva</i> | Common red soldier beetle |
| <i>Cantharis flavilabris</i> | A soldier beetle |
| <i>Demetrius atricapillus</i> | A ground beetle |
| <i>Rutpela maculata</i> | Spotted longhorn beetle |

| | |
|------------------------------------------|-----------------------------|
| <i>Grammoptera ruficornis</i> | Common grammoptera |
| <i>Leptura quadrifasciata</i> | Four-banded longhorn beetle |
| <i>Gastrophysa viridula</i> | Dock beetle |
| <i>Galerucella sagittariae</i> | A leaf beetle |
| <i>Hydrothassa marginella</i> | A leaf beetle |
| <i>Oulema duftschmidi/melanopus agg.</i> | Cereal leaf beetle |
| <i>Coccinella septempunctata</i> | 7-spot ladybird |
| <i>Propylea quattuordecimpunctata</i> | 14-spot ladybird |
| <i>Tytthaspis sedecimpunctata</i> | 16-spot ladybird |
| <i>Aphidecta oblitterata</i> | Larch ladybird |
| <i>Phyllobius pomaceus</i> | Green Nettle Weevil |
| <i>Agriotes obscurus</i> | A click beetle |
| <i>Agriotes lineatus</i> | A click beetle |
| <i>Rybaxis longicornis</i> | A rove beetle |
| <i>Stenus providus</i> | A rove beetle |
| <i>Stenus picipes</i> | A rove beetle |
| <i>Tachyporus chrysomelinus</i> | A rove beetle |
| <i>Ontholestes murinus</i> | A rove beetle |

| Moths and Butterflies | |
|------------------------------|-------------------------------|
| <i>Callimorpha dominula</i> | Scarlet Tiger |
| <i>Agriphila straminella</i> | Straw Grass Veneer Micro Moth |
| <i>Thymelicus sylvestris</i> | Small Skipper |
| <i>Ochlodes sylvanus</i> | Large Skipper |
| <i>Autographa gamma</i> | Silver Y Moth |
| <i>Diachrysia chrysis</i> | Burnished Brass Moth |
| <i>Maniola jurtina</i> | Meadow Brown |
| <i>Aphantopus hyperantus</i> | Ringlet |
| <i>Vanessa atalanta</i> | Red Admiral |
| <i>Polygonia c-album</i> | Comma |
| <i>Aglais io</i> | Peacock |
| <i>Speyeria aglaja</i> | Dark Green Fritillary |
| <i>Aglais urticae</i> | Small Tortoiseshell |
| <i>Lycaena phlaeas</i> | Small Copper |
| <i>Prays fraxinella</i> | Ash Bud Micro Moth |

| Dragonflies | |
|--------------------------|-----------------|
| <i>Coenagrion puella</i> | Azure damselfly |
| <i>Aeshna cyanea</i> | Southern Hawker |

| Bumblebees |
|-------------------|
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| | |
|--------------------------|--------------------------|
| <i>Apis mellifera</i> | Honey Bee |
| <i>Bombus terrestris</i> | Buff Tailed Bumble Bee |
| <i>Bombus monticola</i> | Bilberry Bumble Bee |
| <i>Bombus pascuorum</i> | Common Carder Bee |
| <i>Bombus rupestris</i> | Red Tailed Bumble Bee |
| <i>Bombus lucorum</i> | White Tailed Bumble Bee |
| <i>Bombus bohemicus</i> | Gypsy Cuckoo Bumble Bee |
| <i>Bombus sylvestris</i> | Forest Cuckoo Bumble Bee |
| <i>Bombus hypnorum</i> | Tree Bumble Bee |
| <i>Bombus pratorum</i> | Early Bumble Bee |

| Flora | |
|----------------------------------|------------------------|
| <i>Acer pseudoplatanus</i> | Sycamore |
| <i>Agrostis capillaris</i> | Common Bent |
| <i>Alliaria petiolata</i> | Garlic Mustard |
| <i>Alopecurus geniculatus</i> | Marsh Foxtail |
| <i>Alopecurus pratensis</i> | Meadow Foxtail |
| <i>Angelica sylvestris</i> | Wild Angelica |
| <i>Anthoxanthum odoratum</i> | Sweet Vernal-grass |
| <i>Arrhenatherum elatius</i> | False Oat-grass |
| <i>Atriplex prostrata</i> | Spear-leaved Orache |
| <i>Avena sativa</i> | Oat |
| <i>Hyacinthoides non-scripta</i> | Bluebell |
| <i>Bromus hordeaceus</i> | Soft-brome |
| <i>Caltha palustris</i> | Marsh-marigold |
| <i>Calystegia sepium</i> | Hedge Bindweed |
| <i>Cardamine pratensis</i> | Cuckooflower |
| <i>Carex hirta</i> | Hairy Sedge |
| <i>Carex leporina</i> | Oval Sedge |
| <i>Cerastium fontanum</i> | Common Mouse-ear |
| <i>Chamerion angustifolium</i> | Rosebay |
| <i>Circaea lutetiana</i> | Enchanter's-nightshade |
| <i>Cirsium arvense</i> | Creeping Thistle |
| <i>Cirsium palustre</i> | Marsh Thistle |
| <i>Cirsium vulgare</i> | Spear Thistle |
| <i>Corylus avellana</i> | Hazel |
| <i>Crataegus monogyna</i> | Hawthorn |
| <i>Crepis capillaris</i> | Smooth Hawk's-beard |
| <i>Cynosurus cristatus</i> | Crested Dog's-tail |
| <i>Dactylis glomerata</i> | Cock's-foot |
| <i>Deschampsia cespitosa</i> | Tufted Hair Grass |
| <i>Digitalis purpurea</i> | Foxglove |
| <i>Dipsacus fullonum</i> | Wild Teasel |
| <i>Eleocharis palustris</i> | Common Spike-rush |

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|----------------------------------|-----------------------------|
| <i>Epilobium montanum</i> | Broad-leaved Willowherb |
| <i>Festuca rubra</i> | Red Fescue |
| <i>Filipendula ulmaria</i> | Meadowsweet |
| <i>Fragaria vesca</i> | Wild Strawberry |
| <i>Galeopsis tetrahit</i> | Common Hemp-nettle |
| <i>Galium aparine</i> | Cleavers |
| <i>Galium palustre</i> | Marsh-bedstraw |
| <i>Geranium molle</i> | Dove's-foot Crane's-bill |
| <i>Geranium robertianum</i> | Herb-Robert |
| <i>Geum urbanum</i> | Wood Avens |
| <i>Glechoma hederacea</i> | Ground Ivy |
| <i>Glyceria fluitans</i> | Floating Sweet-grass |
| <i>Heracleum sphondylium</i> | Hogweed |
| <i>Holcus lanatus</i> | Yorkshire-fog |
| <i>Holcus mollis</i> | Creeping Soft-grass |
| <i>Hypericum maculatum</i> | Imperforate St John's-wort |
| <i>Hypochaeris radicata</i> | Cat's-ear |
| <i>Iris pseudacorus</i> | Yellow Iris |
| <i>Juncus articulatus</i> | Jointed Rush |
| <i>Juncus effusus</i> | Soft-rush |
| <i>Leucanthemum vulgare</i> | Oxeye Daisy |
| <i>Lolium perenne</i> | Perennial Rye-grass |
| <i>Lotus pedunculatus</i> | Greater Bird's-foot-trefoil |
| <i>Mentha aquatica</i> | Water Mint |
| <i>Myosotis discolor</i> | Changing Forget-me-not |
| <i>Myosotis scorpioides</i> | Water Forget-me-not |
| <i>Myosotis secunda</i> | Creeping Forget-me-not |
| <i>Oenanthe crocata</i> | Hemlock Water-dropwort |
| <i>Pentaglottis sempervirens</i> | Green Alkanet |
| <i>Persicaria amphibia</i> | Amphibious Bistort |
| <i>Persicaria lapathifolia</i> | Pale Persicaria |
| <i>Persicaria maculosa</i> | Redshank |
| <i>Phalaris arundinacea</i> | Reed Canary-grass |
| <i>Phleum bertolonii</i> | Smaller Cat's-tail |
| <i>Phleum pratense</i> | Timothy |
| <i>Pilosella aurantiaca</i> | Fox-and-cubs |
| <i>Plantago major</i> | Greater Plantain |
| <i>Poa trivialis</i> | Rough Meadow-grass |
| <i>Polygonum aviculare</i> | Knotgrass |
| <i>Prunella vulgaris</i> | Selfheal |
| <i>Pteridium aquilinum</i> | Bracken |
| <i>Ranunculus acris</i> | Meadow Buttercup |
| <i>Ranunculus flammula</i> | Lesser Spearwort |
| <i>Ranunculus repens</i> | Creeping Buttercup |
| <i>Rhinanthus minor</i> | Yellow-rattle |
| <i>Rorippa palustris</i> | Marsh Yellow-cress |
| <i>Rosa arvensis</i> | Field-rose |
| <i>Rosa canina</i> s.l. | Dog-rose |

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|---------------------------|---------------------|
| Rubus fruticosus agg. | Bramble |
| Rumex acetosa | Common Sorrel |
| Rumex crispus | Curled Dock |
| Rumex obtusifolius | Broad-leaved Dock |
| Rumex sanguineus | Wood Dock |
| Salix caprea | Goat Willow |
| Salix fragilis | Crack-willow |
| Sambucus nigra | Elder |
| Senecio jacobaea | Common Ragwort |
| Silene dioica | Red Campion |
| Silene flos-cuculi | Ragged Robin |
| Sonchus asper | Prickly Sow-thistle |
| Sonchus oleraceus | Smooth Sow-thistle |
| Stachys sylvatica | Hedge Woundwort |
| Stellaria graminea | Lesser Stitchwort |
| Taraxacum officinarum agg | Dandelion |
| Trifolium dubium | Lesser Trefoil |
| Trifolium pratense | Red Clover |
| Trifolium repens | White Clover |
| Urtica dioica | Common Nettle |
| Veronica chamaedrys | Germander Speedwell |
| Vicia sativa | Common Vetch |

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|--------------|
| Birds |
| Blackbird |
| Blackcap |
| Chiffchaff |
| Wood pigeon |
| Carrion Crow |
| Goldfinch |
| Blue Tit |
| Great Tit |
| Moorhen |
| Wren |
| Greenfinch |
| Great Tit |
| Jackdaw |
| Song Thrush |
| Dunnock |
| Swallow |
| Stock Dove |
| Sparrowhawk |
| Moorhen |
| Mallard |
| Goldfinch |

Separate findings from Shropshire Spider Group, July 2023

Spiders

| | |
|--------------------------------------|-----------------------------|
| <i>Araneus diadematus</i> | Garden spider |
| <i>Araneus diadematus</i> | Garden spider |
| <i>Agyneta rurestris</i> | A money spider |
| <i>Agyneta rurestris</i> | A money spider |
| <i>Bathyphantes approximatus</i> | A money spider |
| <i>Bathyphantes gracilis</i> | A money spider |
| <i>Bathyphantes parvulus</i> | A money spider |
| <i>Dismodicus bifrons</i> | A money spider |
| <i>Erigone atra</i> | A money spider |
| <i>Erigone dentipalpis</i> | A money spider |
| <i>Gnathonarium dentatum</i> | A money spider |
| <i>Kaestneria pullata</i> | A money spider |
| <i>Oedothorax fuscus</i> | A money spider |
| <i>Oedothorax gibbosus</i> | A money spider |
| <i>Oedothorax retusus</i> | A money spider |
| <i>Pelecopsis parallela</i> | A money spider |
| <i>Pocadicnemis juncea</i> | A money spider |
| <i>Tenuiphantes tenuis</i> | A money spider |
| <i>Pardosa amentata</i> | A wolf spider |
| <i>Talavera aequipes</i> | A jumping spider |
| <i>Metellina mengei</i> | A long-jawed Orbweb spider |
| <i>Pachygnatha clercki</i> | A long-jawed Orbweb spider |
| <i>Enoplognatha ovata sens. str.</i> | Common Candy-striped spider |
| <i>Neottiura bimaculata</i> | A comb footed spider |
| <i>Dicranopalpus ramosus agg.</i> | An harvestman |
| <i>Leiobunum rotundum</i> | An harvestman |
| <i>Mitopus morio</i> | An harvestman |
| <i>Paroligolophus agrestis</i> | An harvestman |
| <i>Platybunus triangularis</i> | An harvestman |

Beetles

| | |
|-------------------------------|-----------------------------|
| <i>Apion frumentarium</i> | A weevil |
| <i>Betulapion simile</i> | A weevil |
| <i>Ceratapion carduorum</i> | A weevil |
| <i>Ceratapion gibbirostre</i> | A weevil |
| <i>Perapion curtirostre</i> | A weevil |
| <i>Perapion violaceum</i> | A weevil |
| <i>Protapion apricans</i> | A clover seed weevil |
| <i>Protapion assimile</i> | A clover seed weevil |
| <i>Protapion fulvipes</i> | White clover seed weevil |
| <i>Cantharis nigricans</i> | A soldier beetle |
| <i>Rhagonycha fulva</i> | A soldier beetle |
| <i>Leptura quadrifasciata</i> | Four-banded longhorn beetle |

Calvia quatuordecimguttata
Tytthaspis sedecimpunctata
Exomias pellucida
Exomias pellucidus
Leiosoma deflexum
Phyllodoius pyri
Sitona obsoletus
Trichius fasciatus
Lagria hirta

Cream-spot ladybird
16-spot ladybird
Hairy spider weevil
Hairy spider weevil
A weevil
Common leaf weevil
A weevil
Bee chafer
Darkling beetle

Bugs

Philaenus spumarius
Scolopostethus decoratus
Capsus ater
Closterotomus norwegicus
Pithanus maerkelii
Pithanus maerkelii
Plagiognathus arbustorum
Himacerus apterus
Aelia acuminata
Palomena prasina
Myrmus miriformis
Eurygaster testudinaria
Deraeocoris flavilinea
Saldula saltatoria
Rhogogaster viridis

Common spittlebug
A ground bug
A mirid bug
Potato capsid
A mirid bug
A mirid bug
A mirid bug
Tree damsel bug
Bishops mitre shieldbug
Green shieldbug
A rhopalid bug
Tortoise Shieldbug
A plant bug
Common shore bug
Green sawfly

Bees

Bombus hortorum
Bombus monticola
Bombus pascuorum
Bombus rupestris
Bombus vestalis

Garden bumblebee
Bilberry bumblebee
Common carder bumblebee
Hill cuckoo bee
Vestal cuckoo bee

Butterflies

Thymelicus sylvestris
Lycaena phlaeas
Aphantopus hyperantus
Maniola jurtina
Pyronia tithonus
Pieris napi

Small skipper
Small copper butterfly
Ringlet
Meadow brown
Gatekeeper
Green-veined white

Grasshoppers

Chorthippus brunneus
Pseudochorthippus parallelus
Omocestus viridulus
Roeseliana roeselii

field grasshopper
meadow grasshopper
common green grasshopper
Roesel's bush cricket