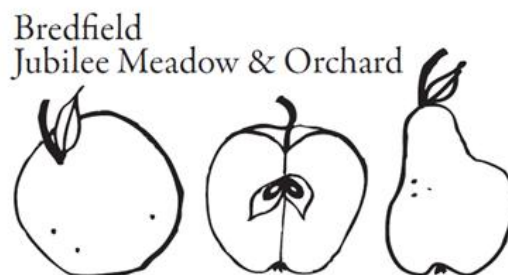


# BREDFIELD JUBILEE MEADOW AND ORCHARD

## A GUIDE TO THE INSECTS FOUND IN THE MEADOW



### What's that insect?

The abundant and diverse flora of the meadow attracts lots of insects. Some of these are difficult to identify, so here is a guide to the insects that you might see in the meadow. There will be other, less common, species that turn up. Insects are present from Spring to Autumn, but you won't many in the cold Winter months.

Please write your observations in the small record book found in the shelter. Alternatively, post something on our Facebook page (preferably with a picture) – especially if you are uncertain about identification. Please feel free to print off these identification sheets. Alternatively, you will find copies pinned to the wall in the meadow shelter. A full list of all insects and other invertebrates in the meadow can be found on the Bredfield Jubilee Meadow and Orchard pages on this website.

When visiting the meadow and orchard, remember to stay on the mowed path and don't disturb or pick the wildflowers. Thank you.

*All the photographs were taken by Stewart Belfield (with exception of Willow Tortrix and Cinnamon Bug)*

# BREDFIELD JUBILEE MEADOW AND ORCHARD

## - BUTTERFLIES -

Here are some of the butterflies you can find in the meadow. The Summer months are the best time for seeing butterflies in the meadow, though some – such as *Peacock* and *Comma* – can be seen in early-Spring. Most butterflies frequent the flowers in the meadow, but others – such as *Speckled Wood* and *Ringlet* – are best looked for in the hedgerows, by the entrance path. The majority of butterflies in the meadow are fairly easy to identify, but some are difficult: for example, *Essex Skipper* looks very like *Small Skipper*.



Speckled Wood



Ringlet



Peacock



Painted Lady



Common Blue



Holly Blue



Gatekeeper



Orange Tip





**Small White**



**Large White**



**Essex Skipper**



**Large Skipper**



**Small Copper**



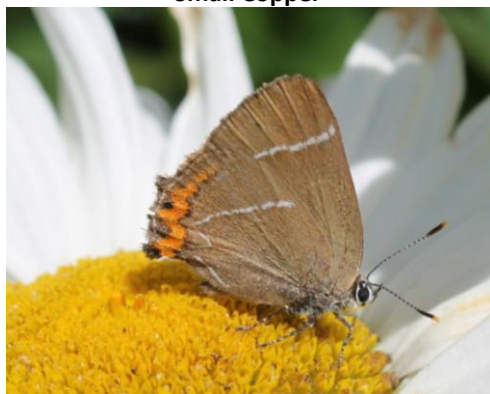
**Meadow Brown**



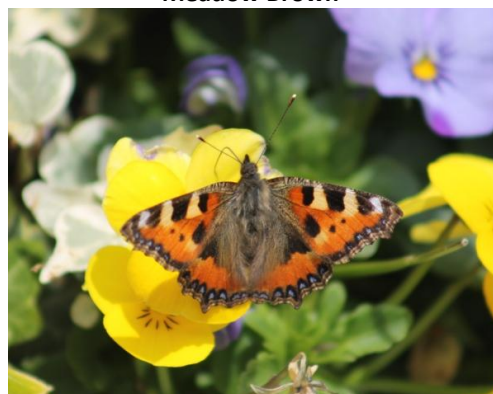
**Red Admiral**



**Comma**



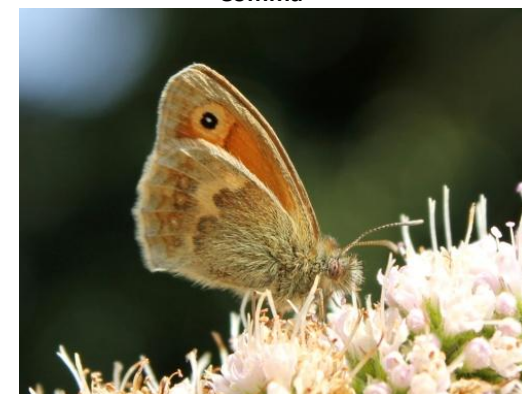
**White-letter Hairstreak**



**Small Tortoiseshell**



**Green-veined White**



**Small Heath**



# BREDFIELD JUBILEE MEADOW AND ORCHARD

## - MICRO-MOTHS -

A hundred or so moths must visit the meadow and surrounding hedgerows, but unless you're down here at night (with a moth trap!) you are unlikely to see any. This said, you might stumble across a moth roosting on the back of bench or flush one from the hedgerow (e.g *Yellow Shell*). The main moths that are out-and-about during the day are the micro-moths. They are very small and hard to spot, but here are some that can be found with close looking.



Green Longhorn



Small Barred Longhorn



Common Marble



Garden Grass Veneer



Willow Tortrix



Common Nettle-tap

# BREDFIELD JUBILEE MEADOW AND ORCHARD

## - DRAGONFLIES & DAMSELFLIES -

Here are some of the Damselflies and Dragonflies you might find in the meadow. Summer and early-Autumn are the best times for seeing these insects. Damselflies and Dragonflies need water to breed and, though the meadow lacks standing water, there are ponds close by. Other Damselflies and Dragonflies may visit, so be on the lookout for: *Azure Damselfly*, *Willow Emerald Damselfly*, *Banded Demoiselle*, *Black-tailed Skimmer* and *Migrant Hawker*.



Common Blue Damselfly



Blue-tailed Damselfly



Large Red Damselfly



Broad-bodied Chase



Common Darter



Southern Hawker



# BREDFIELD JUBILEE MEADOW AND ORCHARD

## - BEES -

Here are some of the bees you can find in the meadow. Spring and Summer months are the best time for seeing bees. Most bees visit the flowers in the meadow, but they can also be found in the hedgerows. *Ivy Bee* is to be found on Ivy, late in the summer. In addition to the bees illustrated here, other families of bees can be found, including: *Mining Bees*, *Nomad Bees* and *Mason Bees*. Also, look out for *Hairy-footed Flower Bees*: females are all-black, with orange hairs on the middle legs.



Red-tailed Bumblebee



Buff-tailed Bumblebee



White-tailed Bumblebee



Forest Bumblebee



Early Bumblebee



Common Carder Bee



Ivy Bee



Honey Bee

# BREDFIELD JUBILEE MEADOW AND ORCHARD

## - BUGS -

The term 'Bug' is often used as a general term for all insects, but Bugs are a specific order of insect. Some can be quite colourful and others can be well-camouflaged. Bug nymphs can look quite different from adults. Tiny *Common Froghoppers* are in the meadow in summer - they are responsible for the familiar 'Cuckoo Spit' on plants.



Green Shield Bug



Forest Bug



Lucerne Bug



Alder Spittlebug



Cinnamon Bug



Sloe Bug



# BREDFIELD JUBILEE MEADOW AND ORCHARD

## - BEETLES -

There are many types of beetle present in the meadow. Below are six representatives of species that are common and/or conspicuous. There will be many other types of beetle present (e.g. *Ground Beetles*), but many of these are inconspicuous and difficult to identify at species-level. *Seven-spot Ladybird* is the most common Ladybird in the meadow, but *Harlequin Ladybird* and the tiny *22-spot Ladybird* might also be found.



Swollen-thighed Beetle - male



Red-headed Cardinal Beetle



Rustic Sailor Beetle



Red Soldier Beetle



Wasp Beetle



Seven-spot Ladybird



# **BREDFIELD JUBILEE MEADOW AND ORCHARD**

## **- HOVERFLIES -**

Many species of fly can be found in the meadow, but the most conspicuous and (many would say) attractive are the hoverflies. Hoverflies are around from Spring to early-Autumn. They are to found amongst the flora of the meadow and also in the surrounding hedgerow. Hoverflies are extremely good mimics and, at first glance, may be mistaken for a wasp or a bee. The main species of hoverfly you may find are shown below, but there are many more species that might be found.



**Marsh Hoverfly**



**Marmalade Hoverfly**



**Common Banded Hoverfly**



**Common Spotted Eupodes**



**Long Hoverfly (male right, female left)**



**Hornet Hoverfly**



**Bumblebee Hoverfly**



**Drone Fly**

# BREDFIELD JUBILEE MEADOW AND ORCHARD

## - OTHER INSECTS -

Species belonging to orders of insect other than the familiar ones (like Beetles, Bees and Wasps, etc) can be found in the meadow. Some of these are familiar (like *Grasshopper* and *Earwig*), whilst others may be unfamiliar (such as *Scorpion Fly* and *Snake Fly*). Also, look out for *Caddisfly* and *Alderfly*.



Meadow Grasshopper



Speckled Bush Cricket



Common Green Lacewing



Common European Earwig



Scorpion Fly



Snake Fly