

With the Pollinator Project in Jersey fully underway since 2019 we wanted to see the effort of recording in 2019. By looking at the number of biological records being sent to the Jersey Biodiversity Centre and where people are recording we can gauge the effect for 2019. Pollinator recording in Jersey has been marked by an amazing scheme to monitor butterflies called the Jersey Butterfly Monitoring scheme (JBMS). This report outlines the biological records from the JBMS, the Pollinator Project JE, iRecord apps and our website. Butterfly top 3 species recorded have been split from all other pollinators due to the number of records being entered from the JBMS.

No. 1: Small White (*Pieris rapae*) – 1167 recordings. Map 1 shows where the Small white has been recorded around Jersey in the past year. As seen on the map it has been mostly recorded in St Brelarde, St Ouen, St Peter and St Helier. It would be great to see more recordings in St Lawrence and trinity during 2020.

Figure3. Small White Butterfly records for 2019. Photo by Tim Ransom



No 2. Meadow Brown (*Maniola jurtina*) comes in 2nd for the most biological recordings with 682 recordings in 2019. The map2. shows where Meadow Brown have been recorded over Jersey in 2019. As seen on the map the majority of records are around the perimeter of the island; for example St Martin, St John and St Brelarde. It would be great to get more records in the blank parts on the map for example St Lawrence and St Saviour.

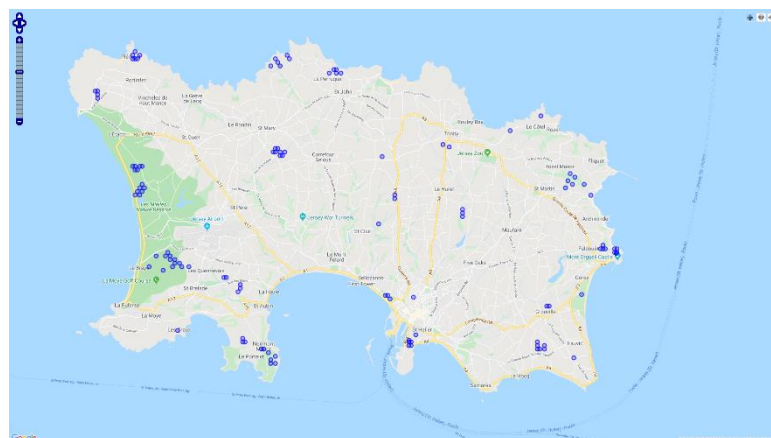


Figure 2: Map showing biological records for 2019 for Meadow Brown.

No 3. Speckled Wood (*Pararge aegeria*) – 683 recordings (3rd most recorded butterfly in 2019)

Figure 3 shows that Speckled Wood has been mostly recorded around Jersey in St Brelades, St Peter and St Martin.

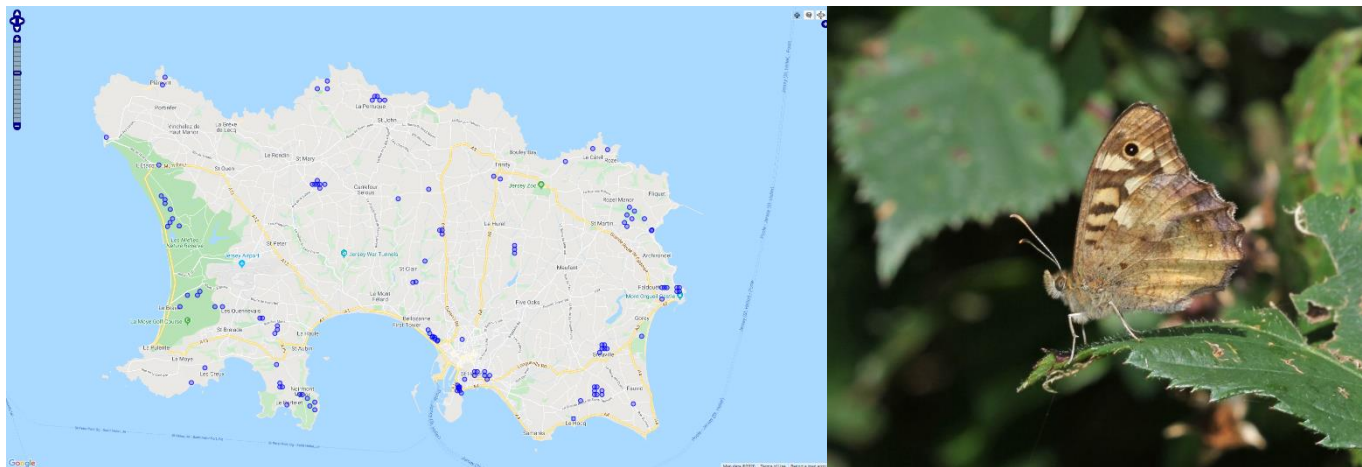


Figure 3: Speckled Wood butterfly records for 2019, Photo taken by Tim Ransom

Table 1 All the butterflies with recordings above 100 during 2019.

Common Name	Scientific Name	Number of Recordings
Small White	<i>Pieris rapae</i>	1199
Speckled wood	<i>Pararge aegeria</i>	683
Meadow Brown	<i>Maniola jurtina</i>	682
Large White	<i>Pieris brassicae</i>	671
Red Admiral	<i>Vanessa atalanta</i>	539
Gatekeeper	<i>Pyronia tithonus</i>	418
Common Blue	<i>Polymmatius icarus</i>	373
Small Heath	<i>Coenonympha pamphilus</i>	283
Painted Lady	<i>Vanessa cardui</i>	279
Small Copper	<i>Lycaena plaeas</i>	196
Holly Blue	<i>Celastrina argidus</i>	164

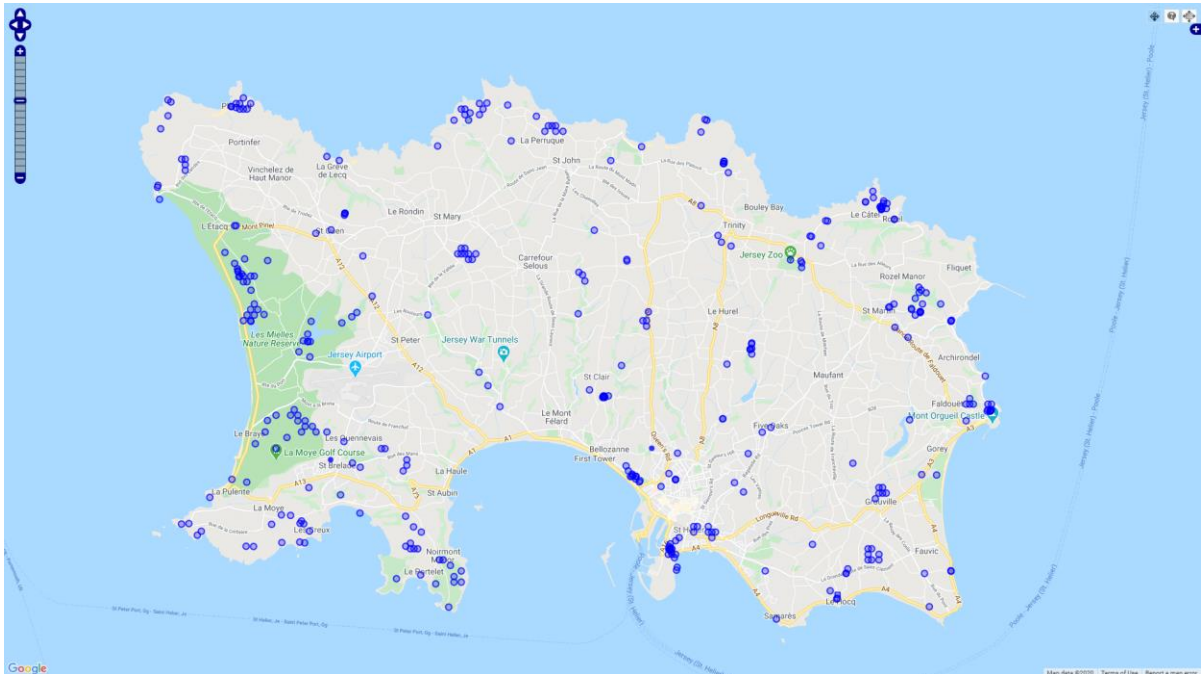


Figure 4: Butterfly biological records for Jersey Channel Islands during the whole of 2019:

This map is showing where the butterflies have been recorded around Jersey during the whole of 2019 . As seen on the map most of the butterfly recordings have been entered around the exterior of the island, for example St Brelade, St Ouen, St Martin and St John. During 2020 it would be great to see more butterflies recorded around the interior of the island for example St Saviour, St Lawrence, St Mary and Trinity. This data reflects the effort of the JBMS whose dedicated volunteers walk selected sites across the island each week during Spring and Summer.

Now onto the insects; let's see who topped off here?

No. 1: Asian Hornet (*Vespa velutina*) – the Asian hornet has been recorded 372 times over 2019 which has been great as they are an invasive species that pose a threat to our native pollinators and honey bees. It has been great to see that there have been plenty of records for this species from the volunteers and the Asian Hornet Coordinator.



Figure 5: Asian hornet records for 2019, Photograph taken by David Walker.

It would be great to see more recordings around Grouville, St. Ouen and St. John. If you come across a nest or the animal itself you can contact The Asian Hornet Coordinator at asianhornet@gov.je or Tel. 0152444163.

No. 2: Large Red Tailed Bumblebee (*Bombus lapidarius*) - this bumblebee is our most recorded bumblebee and is standing at 26 records during 2019. The female of this species is easy to identify due to its large red tail and black hairy body. The males have different markings and we are interested to survey later in the summer to try and find them.

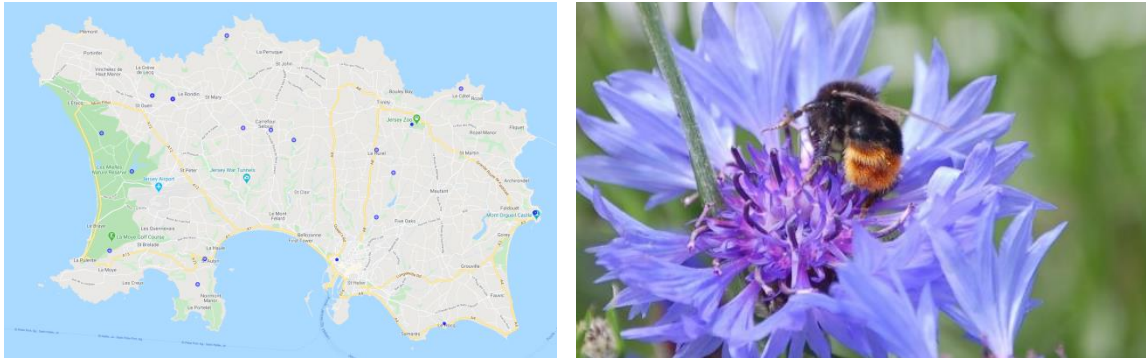


Figure 6 Large red tailed bumblebee records for 2019, photograph by Andrew Thompson

No. 3: Glow Worm (*Lampyris noctiluca*) – the Glow Worm has had 26 recording during 2019.



Figure 7: Glow worm records for 2019. Photo of a glow worm larva

The Glow Worm surprised us very much as a top 3 recorded insect during 2019 as it was much unexpected. The 26 recordings were spread across St Brelade, St Ouen and St Peter. There were also a couple of recordings in St Helier, St Saviour and St Martin.

Table 2: Insects with recordings above 10 biological records during 2019:

Common Name	Scientific Name	Number of Recordings
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(All the recordings used are from 29/01/2020 therefore new records may have been added since this data search was completed)