

How to use this document

This document has been carefully designed to pack a lot of information into a small space!

Each page provides detailed information for up to six holes of ignorance in SU39.
The left-hand column of each page labels the information in the other columns,
each of which refers to a specific hole of ignorance.

For each hole of ignorance, the table provides:

- **1kID**: its four-figure OS grid reference
- **IgnoranceHue**: a colour code indicating how long it has been without records of any species of butterfly (key table below)
- **UTBstatus**: how it is split between (Be)rks, (Bu)cks, (Ox)on and (Ex)ternal (i.e. a county or counties other than Be, Bu or Ox)
- **UTB_RoWL**: the length in metres of its public rights of way (footpath, bridleway, and byway)
- **Diversity**: the number of butterfly species that have ever been recorded in it

The ignorance hue is coded thus:

Colour code	Most recent records
Black	26+ years ago (if at all)
DeepPurple	21-25 years ago
DeepBlue	16-20 years ago
Blue	11-15 years ago
DeepGreen	6-10 years ago

The remainder of the table provides detailed information, in compressed form,
about all the butterfly species that have been recorded from 2000-2024 in any of the holes of ignorance in SU39.
i.e. each row refers to a species that has been recorded, in the period 2000-2024, in at least one hole of ignorance in SU39.
The information for each species and each hole of ignorance is provided as a 'word' of 25 characters.
The leftmost character corresponds to the year 2000, through to the rightmost which corresponds to the year 2024.
If a species has not been recorded in a particular year, that information is shown as a dash (-).
Otherwise, letters a, b, c, d, e ... are used to represent the number of records for that species in that year,
using a geometric scale: a = 1, b = 2-3, c = 4-7, d = 8-15, e = 16-31, and so on.

Note: It is almost never necessary to sweat the exact detail of the information.

A quick glance will usually suffice to give a satisfactory high-level impression:

- has the species been recorded at all?
- if so, in many years or only a few?
- are there a lot of records in those years or only a few?
- and so on.

1kID	SU3092	SU3093	SU3096	SU3195	SU3199	SU3291
IgnoranceHue	Blue	Blue	DarkGreen	DarkGreen	Black	DarkGreen
UTBstatus	Ox	Ox	Ox	Ox	Ox	Ox
UTB_RoWL	1054.3	1885.6	1273.7	2323.8	453.1	2294.8
Diversity	9	6	15	9	0	7
Small Skipper	-----	-----	---a-----	-----	-----	-----
Essex Skipper	-----	-----	---a-----	-----	-----	-----
Large Skipper	-----	-----	-----	-----	-----	-----
Clouded Yellow	-----	-----	-----a-----	-----	-----	-----
Brimstone	-----a-----	-----	-----a-----	-----	-----	-----a-----
Large White	-----a-----	-----	---a---a---a---	-----a-----	-----	-----a-----
Small White	-----a--a-----	-----	-----a-----	-----a-----	-----	-----a-----
Green-veined White	-----a--a-----	-----a-----	---a---a-----	-----a-----	-----	-----
Orange-tip	-----	-----	-----	-----	-----	-----
Purple Hairstreak	-----	-----	-----	-----	-----	-----
Small Copper	-----	-----	-----	-----	-----	-----
Brown Argus	-----	-----	-----	-----a-----	-----	-----
Common Blue	-----	-----	-----	-----a-----	-----	-----a-----
Holly Blue	-----	-----	-----	-----	-----	-----a-----
Red Admiral	-----	-----a-----	-----a-----	-----	-----	-----a-----
Painted Lady	-----a-----	-----	-----	---a-----	-----	-----
Small Tortoiseshell	-----	-----	---a-----	-----	-----	-----
Peacock	-----a-----	-----a-----	-----a-----	-----	-----	-----
Comma	-----	-----a-----	-----a-----	-----a-----	-----	-----
Speckled Wood	-----	-----	-----	-----a-----	-----	-----
Marbled White	-----	-----	-----a-----	-----	-----	-----
Gatekeeper	-----a--a-----	-----a-----	---a---a---a---	-----	-----	-----a-----
Meadow Brown	-----a--a-a-----	-----a-----	---a---a-----	-----a-----	-----	-----
Ringlet	-----a-----	-----	---a-----	-----	-----	-----
Small Heath	-----	-----	-----	-----	-----	-----

1kID	SU3292	SU3293	SU3295	SU3296	SU3391	SU3392
IgnoranceHue	DarkGreen	DarkBlue	DarkGreen	DarkGreen	DarkGreen	Blue
UTBstatus	Ox	Ox	Ox	Ox	Ox	Ox
UTB_RoWL	619.0	480.8	1045.9	1303.2	3479.1	665.6
Diversity	9	4	12	10	2	13
Small Skipper	-----a-----	-----	---a-----a-----	-----	-----	-----
Essex Skipper	-----	-----	---a-----a-----	-----	-----	-----
Large Skipper	-----a-----	-----	---a-----a-----	---a-----a-----	-----	-----
Clouded Yellow	-----	-----	-----	-----	-----	-----a-----
Brimstone	-----	-----	-----	-----	-----a-----	-----a-----
Large White	-----a-----	-----	---a-----	---a-----	-----	-----a-----
Small White	-----a-----	-----	---a-----a-----	-----a-----	-----	-----a-----
Green-veined White	-----a-----	-----	---a-----	---a-----	-----	-----a-----
Orange-tip	-----	-----	-----a-----	-----	-----a-----aa-----	-----
Purple Hairstreak	-----	-----	-----	-----	-----	-----
Small Copper	-----	-----	-----	-----	-----	-----a-----
Brown Argus	-----	-----	-----	-----	-----	-----a-----
Common Blue	-----	---a-----	-----	-----	-----	-----a-----
Holly Blue	-----	-----	-----	-----	-----	-----
Red Admiral	-----	-----	-----	---a-----	-----	-----
Painted Lady	-----	-----	-----	-----	-----	-----
Small Tortoiseshell	-----a-----	-----	---a-----a-----	-----a-----	-----	-----a-----
Peacock	-----	-----	-----	---a-----	-----	-----a-----
Comma	-----	-----	-----	-----	-----	-----
Speckled Wood	-----	-----	-----	-----	-----	-----a-----
Marbled White	-----	---a-----	-----a-----	-----	-----	-----
Gatekeeper	-----a-----	-----	---a-----	---a-----	-----	-----a-----
Meadow Brown	-----a-----	---a-----	---a-----a-----	---b-----a-----	-----	-----a-----
Ringlet	-----a-----	-----	-----a-----	---a-----	-----	-----
Small Heath	-----	---a-----	-----	-----	-----	-----

1kID	SU3397	SU3399	SU3490	SU3491	SU3499	SU3592
IgnoranceHue	DarkGreen	DarkBlue	Black	Blue	DarkGreen	DarkGreen
UTBstatus	Ox	Ox	Ox	Ox	Ox	Ox
UTB_RoWL	1099.8	1128.2	1589.2	814.8	1865.0	564.2
Diversity	13	2	0	1	10	4
Small Skipper	-----	-----	-----	-----	-----a-----	-----
Essex Skipper	-----	-----	-----	-----	-----	-----
Large Skipper	-----	-----	-----	-----	-----	-----
Clouded Yellow	-----	-----	-----	-----	-----	-----
Brimstone	-----a-----	-----b-----	-----	-----	-----	-----
Large White	-----a-a-----	-----	-----	-----	-----	-----
Small White	-----a-a-----	-----	-----	-----	-----a-----	-----a-----
Green-veined White	-----a-----	-----	-----	-----	-----a-----	-----
Orange-tip	a-----a-----	-----	-----	-----a-----	-----a-----	-----
Purple Hairstreak	-----	-----	-----	-----	-----	-----
Small Copper	-----	-----	-----	-----	-----	-----
Brown Argus	-----	-----	-----	-----	-----	-----
Common Blue	-----	-----	-----	-----	-----	-----
Holly Blue	-----a-----	-----	-----	-----	-----	-----
Red Admiral	-----a-a-----	-----	-----	-----	-----a-----	-----
Painted Lady	-----a-----	-----	-----	-----	-----	-----
Small Tortoiseshell	-----a-----	-----	-----	-----	-----	-----a-----
Peacock	-----a-----	-----	-----	-----	-----a-----	-----
Comma	-----a-----	-----a-----	-----	-----	-----a-----	-----
Speckled Wood	-----	-----	-----	-----	-----	-----
Marbled White	-----	-----	-----	-----	-----	-----
Gatekeeper	-----a-----	-----	-----	-----	-----a-----	-----a-----
Meadow Brown	-----a-----	-----	-----	-----	-----a-----	-----a-----
Ringlet	-----	-----	-----	-----	-----a-----	-----
Small Heath	-----	-----	-----	-----	-----	-----

1kID	SU3593	SU3598	SU3690	SU3691	SU3693	SU3695
IgnoranceHue	Black	Black	Black	DarkGreen	DarkBlue	DarkGreen
UTBstatus	Ox	Ox	Ox	Ox	Ox	Ox
UTB_RoWL	1264.6	819.5	0.0	1375.5	0.0	1334.2
Diversity	0	0	0	10	1	19
Small Skipper	-----	-----	-----	-----a-----	-----	-----a-----
Essex Skipper	-----	-----	-----	-----	-----	-----
Large Skipper	-----	-----	-----	-----a-a-----	-----	-----a-----
Clouded Yellow	-----	-----	-----	-----	-----	-----
Brimstone	-----	-----	-----	-----a-----	-----	-----a-----
Large White	-----	-----	-----	-----	-----	-----a-a-----
Small White	-----	-----	-----	-----a-----	-----	-----b--a--a-----
Green-veined White	-----	-----	-----	-----	-----	-----b--a--a-----
Orange-tip	-----	-----	-----	-----	-----a-----	-----a-----a-----
Purple Hairstreak	-----	-----	-----	-----	-----	-----
Small Copper	-----	-----	-----	-----	-----	-----a--a-----
Brown Argus	-----	-----	-----	-----	-----	-----a--a--a-----
Common Blue	-----	-----	-----	-----	-----	-----a--a-----
Holly Blue	-----	-----	-----	-----	-----	-----a-----
Red Admiral	-----	-----	-----	-----a-----	-----	-----a-----
Painted Lady	-----	-----	-----	-----	-----	-----a-----
Small Tortoiseshell	-----	-----	-----	-----a-a-----	-----	-----a-----
Peacock	-----	-----	-----	-----	-----	-----a-----
Comma	-----	-----	-----	-----	-----	-----a-----
Speckled Wood	-----	-----	-----	-----a-----	-----	-----a-----
Marbled White	-----	-----	-----	-----a-----	-----	-----
Gatekeeper	-----	-----	-----	-----	-----	-----a--a--a-----
Meadow Brown	-----	-----	-----	-----a-a-----	-----	-----a--a--a-----
Ringlet	-----	-----	-----	-----a-a-----	-----	-----
Small Heath	-----	-----	-----	-----	-----	-----

1kID	SU3696	SU3697	SU3698	SU3792	SU3892	SU3895
IgnoranceHue	DarkBlue	DarkGreen	Black	Black	Blue	DarkGreen
UTBstatus	Ox	Ox	Ox	Ox	Ox	Ox
UTB_RoWL	634.1	137.3	902.8	0.0	915.5	431.0
Diversity	11	1	0	0	11	7
Small Skipper	-----a-----	-----	-----	-----	-----a-----	-----a-----
Essex Skipper	-----a-----	-----	-----	-----	-----a-----	-----a-----
Large Skipper	-----a-----	-----	-----	-----	-----a-----	-----
Clouded Yellow	-----	-----	-----	-----	-----	-----
Brimstone	-----a-----	-----	-----	-----	-----	-----aa-----
Large White	-----a-----	-----	-----	-----	-----a-----	-----a-----
Small White	-----	-----	-----	-----	-----a-----	-----a-----
Green-veined White	-----a-----	-----	-----	-----	-----a-----	-----
Orange-tip	-----	-----a-----	-----	-----	-----	-----a---a-----
Purple Hairstreak	-----a-----	-----	-----	-----	-----	-----
Small Copper	-----	-----	-----	-----	-----	-----
Brown Argus	-----a-----	-----	-----	-----	-----	-----
Common Blue	-----a-----	-----	-----	-----	-----	-----
Holly Blue	-----	-----	-----	-----	-----	-----
Red Admiral	-----	-----	-----	-----	-----	-----
Painted Lady	-----a-----	-----	-----	-----	-----a-----	-----
Small Tortoiseshell	-----	-----	-----	-----	-----	-----
Peacock	-----a-----	-----	-----	-----	-----	-----
Comma	-----a-----	-----	-----	-----	-----	-----
Speckled Wood	-----	-----	-----	-----	-----	-----
Marbled White	-----	-----	-----	-----	-----a-----	-----
Gatekeeper	-----	-----	-----	-----	-----a--a-----	-----
Meadow Brown	-----a-----	-----	-----	-----	-----a--a-----	-----a-----
Ringlet	-----a-----	-----	-----	-----	-----a--a-----	-----
Small Heath	-----	-----	-----	-----	-----	-----

1kID	<i>SU3993</i>	<i>SU3996</i>
IgnoranceHue	<i>DarkGreen</i>	<i>DarkGreen</i>
UTBstatus	<i>Ox</i>	<i>Ox</i>
UTB_RoWL	421.8	1022.6
Diversity	6	7
<i>Small Skipper</i>	-----	-----
<i>Essex Skipper</i>	-----	-----
<i>Large Skipper</i>	-----	-----
<i>Clouded Yellow</i>	-----	-----
<i>Brimstone</i>	-----	-----
<i>Large White</i>	-----	aa-----
<i>Small White</i>	-----	aa-----a-----
<i>Green-veined White</i>	--a-----	-----
<i>Orange-tip</i>	-----	aa-----
<i>Purple Hairstreak</i>	-----	-----
<i>Small Copper</i>	-----	-----
<i>Brown Argus</i>	-----	-----
<i>Common Blue</i>	-----	-----
<i>Holly Blue</i>	-----	-----
<i>Red Admiral</i>	-----a-----	aa-----
<i>Painted Lady</i>	-----	aa-----
<i>Small Tortoiseshell</i>	--a-----a-----	-----
<i>Peacock</i>	-----	-----
<i>Comma</i>	-----	-----
<i>Speckled Wood</i>	-----	-----
<i>Marbled White</i>	-----	-----
<i>Gatekeeper</i>	--a-----	aa-----a-----
<i>Meadow Brown</i>	--a-----	-----a-----
<i>Ringlet</i>	-----a-----	-----
<i>Small Heath</i>	-----	-----