

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 SP42.
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 SP42.
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 SP42.
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	SP4027	SP4420	SP4421	SP4422	SP4423	SP4429
IgnoranceHue	Blue	DarkGreen	Black	DarkGreen	DarkGreen	DarkBlue
UTBstatus	Ox	Ox	Ox	Ox	Ox	Ox
UTB_RoWL	1153.8	908.7	84.6	0.0	1299.1	56.2
Diversity	10	21	0	18	3	10
Small Skipper	-----	---a---a---a---	-----	-----a-----	-----	-----a-----
Essex Skipper	-----	-----a-----	-----	-----	-----	-----
Large Skipper	-----	---b-a-----	-----	-----a-----	-----	-----
Clouded Yellow	-----	-----	-----	-----a-----	-----	-----
Brimstone	-----	---add---b---b---	-----	-----a-----	-----a-----	-----
Large White	-----a-----	---a-b---a---a---	-----	-----a-----	-----	-----a-----
Small White	-----a-----	---bcb---a---b---	-----	-----b---a---	-----a-----	-----a-----
Green-veined White	-----a-----	---bb-a-a---a---	-----	-----a---a---	-----	-----a-----
Orange-tip	-----	---ac-a-a---b---	-----	-----a-----	-----	-----a-----
Small Copper	-----a-----	-----	-----	-----	-----	-----
Brown Argus	-----a-----	---a---a-----	-----	-----	-----	-----
Common Blue	-----a-----	---ab---a-----	-----	-----	-----a-----	-----
Holly Blue	-----	---e-----	-----	-----	-----	-----
Red Admiral	-----	---acd-----	-----	-----b-----	-----	-----
Painted Lady	-----	---a-b-----a---	-----	-----a-----	-----	-----
Small Tortoiseshell	-----	---acb---b---a---	-----	-----a-----	-----	-----a-----
Peacock	-----a-----	---cd---a-----	-----	-----a---a---	-----	-----
Comma	-----	---aac-----	-----	-----a-----	-----	-----
Silver-washed Fritillary	-----	-----	-----	-----	-----	-----
Speckled Wood	-----a-----	---bdc---b---b---	-----	-----a-----	-----	-----
Marbled White	-----	---a-c-----	-----	-----a-----	-----	-----a-----
Gatekeeper	-----a-----	---aa---a---a---	-----	-----a---a---	-----	-----a-----
Meadow Brown	-----a-----	---a-d---a---a---	-----	-----a---a---	-----	-----a-----
Ringlet	-----	---a-a---a-----	-----	-----a---a---	-----	-----a-----

1kID	SP4529	SP4623	SP4624	SP4625	SP4627	SP4629
IgnoranceHue	Black	Blue	Black	DarkGreen	Black	Black
UTBstatus	Ox	Ox	Ox	Ox	Ox	Ox
UTB_RoWL	0.0	264.1	0.0	1103.7	1023.3	2025.1
Diversity	0	12	0	6	0	0
Small Skipper	-----	-----a-----	-----	-----	-----	-----
Essex Skipper	-----	-----	-----	-----	-----	-----
Large Skipper	-----	-----a-----	-----	-----	-----	-----
Clouded Yellow	-----	-----	-----	-----	-----	-----
Brimstone	-----	-----a-----	-----	-----	-----	-----
Large White	-----	-----a-----	-----	-----	-----	-----
Small White	-----	-----a-----	-----	-----	-----	-----
Green-veined White	-----	-----	-----	-----	-----	-----
Orange-tip	-----	-----	-----	-----a-----	-----	-----
Small Copper	-----	-----	-----	-----	-----	-----
Brown Argus	-----	-----	-----	-----	-----	-----
Common Blue	-----	-----a-----	-----	-----	-----	-----
Holly Blue	-----	-----	-----	-----	-----	-----
Red Admiral	-----	-----	-----	-----	-----	-----
Painted Lady	-----	-----	-----	-----	-----	-----
Small Tortoiseshell	-----	-----	-----	-----	-----	-----
Peacock	-----	-----a-----	-----	-----	-----	-----
Comma	-----	-----	-----	-----	-----	-----
Silver-washed Fritillary	-----	-----a-----	-----	-----	-----	-----
Speckled Wood	-----	-----a-----	-----	-----a-----	-----	-----
Marbled White	-----	-----	-----	-----a-----	-----	-----
Gatekeeper	-----	-----a-----	-----	-----a-----	-----	-----
Meadow Brown	-----	-----a-----	-----	-----a-----	-----	-----
Ringlet	-----	-----a-----	-----	-----a-----	-----	-----

1kID	<i>SP4828</i>
IgnoranceHue	<i>Blue</i>
UTBstatus	<i>Ox</i>
UTB_RoWL	<i>1170.6</i>
Diversity	<i>7</i>

<i>Small Skipper</i>	-----
<i>Essex Skipper</i>	-----
<i>Large Skipper</i>	-----
<i>Clouded Yellow</i>	-----
<i>Brimstone</i>	-----
<i>Large White</i>	-----a-----
<i>Small White</i>	-----a-----
<i>Green-veined White</i>	-----a-----
<i>Orange-tip</i>	-----
<i>Small Copper</i>	-----a-----
<i>Brown Argus</i>	-----
<i>Common Blue</i>	-----a-----
<i>Holly Blue</i>	-----
<i>Red Admiral</i>	-----
<i>Painted Lady</i>	-----
<i>Small Tortoiseshell</i>	-----a-----
<i>Peacock</i>	-----
<i>Comma</i>	-----
<i>Silver-washed Fritillary</i>	-----
<i>Speckled Wood</i>	-----a-----
<i>Marbled White</i>	-----
<i>Gatekeeper</i>	-----
<i>Meadow Brown</i>	-----
<i>Ringlet</i>	-----