

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 SP43.
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 SP43.
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 SP43.
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	SP4032	SP4035	SP4036	SP4038	SP4039	SP4131
IgnoranceHue	Blue	DarkBlue	DarkBlue	Blue	DarkGreen	DarkGreen
UTBstatus	Ox	Ox	Ox	Ox	Ox	Ox
UTB_RoWL	2616.7	1510.0	2165.4	793.6	629.4	1634.2
Diversity	17	12	12	21	22	5
Small Skipper	a-----	a-----	-----	c-----b-----	-----aab-----	-----
Essex Skipper	-----	a-----	-----	c-----	-----	-----
Large Skipper	a-----	-----	-----	c-----	-----	-----
Clouded Yellow	-----	-----	-----	b-----	-----	-----
Brimstone	a-a-----	-----	a---a-----	-----	-a-----	-----
Large White	b-----a-----	a---a-----	---a-----	c---bbab-----	-----acaa-----a-----	-----a-----
Small White	b-----a-----	a---a-----	a---b-----	d---babb-----	-----baab-----	-----a-----
Green-veined White	a-----a-----	a-----	b---aa-----	d---ab-a-----	-a---ab-----b-----	-----
Orange-tip	b-----	-----	a---a-----	-----a-----	-a---a-----	-----
White-letter Hairstreak	-----	-----	a-----	-----	-----	-----
Small Copper	-----a-----	-----	-----	-----a-----	-----ab-b-----	-----a-----
Small Blue	-----	-----	-----	-----	-----a-----	-----
Brown Argus	-----	-----	-----	b-----	-----a-----	-----
Common Blue	-----a-----	---a-----	-----	b---a-b-----	-----aa-b-----	-----
Holly Blue	-----	-----	-----	b---a-----	-----a-----	-----a-----
Red Admiral	-a-----a-----	---a-----	-----	c---a-----	-----aa-----b-----	-----
Painted Lady	-----	-----	-----	c---a-----	-----aa-----	-----
Small Tortoiseshell	c-a-----a-----	a-----	a---a-----	c---aa-----	-----abaa-----a-----	-----
Peacock	c-a-----a-----	---a-----	a---a-----	c---a-b-----	-----ba-a-----b-----	-----
Comma	a-----a-----	-----	a---a-----	-----	-----aab-----b-----	-----a-----
Silver-washed Fritillary	-----	-----	-----	-----	-----a-----	-----
Speckled Wood	b-----	-----	a---aa-----	ca---baab-----	-----baa-----b-----	-----
Marbled White	-----	-----	-----	b-----	-----a-----	-----
Gatekeeper	a-----a-----	a-----	-----	c---ba-a-----	a---ba-a-----a-----	-----
Meadow Brown	a-----a-----	a---a-----	a---a-----	c---bbab-----	a---bbbb-----b-----	-----
Ringlet	a-----	-----	a---a-----	c---ba-----	-----aaa-----a-----	-----
Small Heath	-----	---a-----	-----	-----	-----	-----

1kID	SP4132	SP4137	SP4139	SP4231	SP4232	SP4331
IgnoranceHue	DarkGreen	DarkGreen	DarkGreen	Black	DarkGreen	DarkGreen
UTBstatus	Ox	Ox	Ox	Ox	Ox	Ox
UTB_RoWL	1334.1	830.6	2758.4	1280.1	2181.0	1652.3
Diversity	15	9	16	0	20	14
Small Skipper	b-----	-----	----aa-----	-----	-----a--a----	-----a-----
Essex Skipper	-----	-----	-----	-----	-----	-----
Large Skipper	-----b----	-----	-----	-----	-----a--c----	-----
Clouded Yellow	-----	-----	-----	-----	-----	-----
Brimstone	b-----	-----	a-----a----	-----	a-----a-a-c----	-----a-----
Large White	b-----a----	-----a----	----ba--a----	-----	-----ab--dfc----	-----a-----
Small White	b-----a----	----a-----	----abaa--a----	-----	a-----ac-cegc----	-----a-----
Green-veined White	-----	a--a-----	----a-----	-----	a-----a--cda----	-----a-----
Orange-tip	-----	-----	----a-----	-----	a-----	-----
White-letter Hairstreak	-----	-----	-----	-----	-----	-----
Small Copper	b-----	-----	-----	-----	-----bca----	-----
Small Blue	-----	-----	-----	-----	-----	-----
Brown Argus	-----	-----	-----	-----	-----	-----
Common Blue	c-----a----	-----	-----	-----	-----b-acda----	-----
Holly Blue	-----a----	-----	-----	-----	-----a-badb----	-----
Red Admiral	-----a-a----	-----a----	----a--a----	-----	-----ab-beec----	-----a-----
Painted Lady	b-----a----	-----	-----a----	-----	-----a-cdb----	-----a-----
Small Tortoiseshell	b-a-----	a-----a----	----abba-----	-----	-----ac-acea----	-----a-----
Peacock	b-a-----a-a----	-----a----	----a--a----	-----	a-----ac-aceb----	-----
Comma	-----a----	-----	----a-----	-----	-----b-dca----	-----a-----
Silver-washed Fritillary	-----	-----	-----	-----	-----	-----
Speckled Wood	-----	-----	----ba-----	-----	-----ab-bcdb----	-----a-----
Marbled White	-----	-----	----a-----	-----	-----a-b-----	-----a-----
Gatekeeper	-----	a--a-----	----a--a----	-----	-----ab-bdeb----	-----a-----
Meadow Brown	b-----	a-----	----abaa--b----	-----	-----ab-bcdb----	-----a--a-----
Ringlet	b-----	a--a-----	----abaa-----	-----	-----ccb-----	-----a-----
Small Heath	-----	-----	-----	-----	-----	-----

1kID	SP4435	SP4437	SP4534	SP4731	SP4835	SP4932
IgnoranceHue	DarkBlue	Blue	DarkGreen	DarkGreen	DarkGreen	Black
UTBstatus	Ox	Ox	Ox	Ox	Ox	OxEx
UTB_RoWL	1633.6	0.0	1044.2	1329.5	168.7	40.8
Diversity	3	11	9	14	4	0
Small Skipper						
Essex Skipper						
Large Skipper		a				
Clouded Yellow						
Brimstone	b		a a a	aa		
Large White		a		bbc ba		
Small White		a a	a a	bc aa	a a	
Green-veined White		a	a	a a a		
Orange-tip			a			
White-letter Hairstreak						
Small Copper						
Small Blue						
Brown Argus						
Common Blue			a	a	a	
Holly Blue				a		
Red Admiral	a	a	a	a a b		
Painted Lady		a				
Small Tortoiseshell	a	a a	b a	a	a	
Peacock		a		a b		
Comma		a	a	a a		
Silver-washed Fritillary						
Speckled Wood			a	abc a	a	
Marbled White						
Gatekeeper				aab ba		
Meadow Brown		a a		bbb aa		
Ringlet		a		ba		
Small Heath						

1kID	SP4933
IgnoranceHue	Black
UTBstatus	OxEx
UTB_RoWL	195.2
Diversity	0

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