

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 SP33.
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 SP33.
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 SP33.
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	SP3031	SP3032	SP3132	SP3133	SP3333	SP3334
IgnoranceHue	DarkBlue	Black	DarkGreen	Black	Black	DarkGreen
UTBstatus	OxEx	OxEx	OxEx	OxEx	Ox	OxEx
UTB_RoWL	599.2	259.8	1152.6	0.0	632.3	1916.4
Diversity	10	0	11	0	0	10
Small Skipper	-----a-----	-----	-----	-----	-----	-----
Essex Skipper	-----	-----	-----	-----	-----	-----
Large Skipper	-----	-----	-----	-----	-----	-----a-----
Clouded Yellow	-----	-----	-----	-----	-----	-----
Brimstone	-----	-----	a-----	-----	-----	-----a-----
Large White	-----a-----	-----	-----a---	-----	-----	-----
Small White	-----a-----	-----	-----a---	-----	-----	-----a---a---
Green-veined White	-----a-----	-----	-----a---	-----	-----	-----
Orange-tip	-----	-----	a-----	-----	-----	-----
Purple Hairstreak	-----	-----	-----	-----	-----	-----
Small Copper	-----a-----	-----	-----	-----	-----	-----
Brown Argus	-----	-----	-----	-----	-----	-----
Common Blue	-----a-----	-----	-----	-----	-----	-----a---
Holly Blue	-----	-----	-----	-----	-----	-----
Red Admiral	-----	-----	-----	-----	-----	-----a-----
Painted Lady	-----a-----	-----	-----a---	-----	-----	-----
Small Tortoiseshell	-----	-----	a-----a---	-----	-----	-----a-----
Peacock	-----a-----	-----	a-----	-----	-----	-----a-----
Comma	-----	-----	-----	-----	-----	-----a-----
Dark Green Fritillary	-----	-----	-----	-----	-----	-----
Speckled Wood	-----	-----	-----a---	-----	-----	-----
Marbled White	-----	-----	-----	-----	-----	-----
Gatekeeper	-----a-----	-----	-----a---	-----	-----	-----a-----
Meadow Brown	-----a-----	-----	-----a---	-----	-----	-----
Ringlet	-----	-----	-----	-----	-----	-----a-----
Small Heath	-----	-----	-----	-----	-----	-----

1kID	SP3337	SP3338	SP3430	SP3437	SP3438	SP3538
IgnoranceHue	DarkBlue	Black	Blue	DarkGreen	DarkGreen	DarkGreen
UTBstatus	OxEx	OxEx	Ox	Ox	OxEx	Ox
UTB_RoWL	123.7	0.0	607.9	2256.6	1094.7	1701.2
Diversity	3	0	12	11	14	8
Small Skipper						
Essex Skipper						
Large Skipper			a	a		
Clouded Yellow						
Brimstone			a a	a	ba a	
Large White				a	a a	b
Small White			a		a a a	b
Green-veined White			a		a a	a
Orange-tip	a		a a	a a	a a	a a
Purple Hairstreak						
Small Copper						
Brown Argus						
Common Blue						
Holly Blue			a			
Red Admiral				a	a a	a
Painted Lady				a	a	
Small Tortoiseshell	a		a	b	aa a a	a
Peacock			a a		a	
Comma				a		a
Dark Green Fritillary						
Speckled Wood	a		a	b	a b aa	b a
Marbled White			a		a	
Gatekeeper					a	
Meadow Brown			a	a	a a	
Ringlet			a	a	a	
Small Heath						

1kID	SP3630	SP3732	SP3734	SP3736	SP3738	SP3834
IgnoranceHue	DarkGreen	DarkGreen	Purple	Purple	DarkGreen	DarkGreen
UTBstatus	Ox	Ox	Ox	Ox	Ox	Ox
UTB_RoWL	2353.2	1964.7	1288.9	2826.5	2095.2	473.6
Diversity	18	14	2	4	19	19
Small Skipper	-----a-----	-----	-----	-----	a-----	a-----a-----
Essex Skipper	-----a-----	-----	-----	-----	---a-----	-----a---a---
Large Skipper	-----	-----a-----	-----	-----	a---a-----	-----
Clouded Yellow	-----	-----	-----	-----	-----	-----a-----
Brimstone	-----a-----	-----a-----	-----	-----	--a-----	b-----a---
Large White	-----	-----b-----	-----	-----	a-a---b-----	a-----a-----
Small White	-----a---a---	-----b---a---	-----	a-----	a---b-----	b-----
Green-veined White	---a-----a---a---	-----b---a---	-----	-----	a-a---a-----	a-----a-----
Orange-tip	---a-----a---	-----a---a---	-----	-----	--a-----	a-----
Purple Hairstreak	-----	-----	-----	-----	-----	a-----
Small Copper	-----	-----	-----	-----	-----	-----a-----
Brown Argus	-----a---	-----	-----	-----	-----	-----
Common Blue	-----a---a---	-----	-----	a-----	-----	-----a-----
Holly Blue	---a-----	-----	-----	-----	---a-----	-----
Red Admiral	-----a---a---	-----a-----	-----	-----	---b-----	-----a-----
Painted Lady	-----a---a---	-----a-----	-----	-----	-----a-----	-----
Small Tortoiseshell	-----	-----a-----	--a-----	--a-----	a-a---b-----	b-----
Peacock	-----a---a---	---a--b---a-----	--a-----	-----	--a---a-----	b-----a---a---
Comma	-----a---a---	-----a-----	-----	-----	---a-----	-----
Dark Green Fritillary	-----a-----	-----	-----	-----	-----	-----
Speckled Wood	---a-----b---	-----b-----	-----	-----	b---b-----	a-----a---
Marbled White	-----	-----	-----	-----	a---a-----	a-----
Gatekeeper	-----a---a---	-----a---a---	-----	-----	b---a-----	a-----a---a---
Meadow Brown	-----a---a---	-----a-----	-----	a-----	a---b-----	a-----a---a---
Ringlet	-----a-----	-----	-----	-----	a---b-----	a-----a-----
Small Heath	-----	-----	-----	-----	-----	-----

1kID	SP3835	SP3836	SP3930	SP3934	SP3936	SP3939
IgnoranceHue	Purple	DarkGreen	Purple	Purple	DarkBlue	Purple
UTBstatus	Ox	Ox	Ox	Ox	Ox	Ox
UTB_RoWL	1025.6	3790.2	551.4	1196.8	1835.3	0.0
Diversity	9	9	13	4	18	17
Small Skipper	a-----	-----	-----	-----	a-----a-----	c-----
Essex Skipper	-----	-----a-----	-----	-----	-----	b-----
Large Skipper	-----	-----	-----	-----	a-----	-----
Clouded Yellow	-----	-----	a-----	-----	-----	-----
Brimstone	-----	a-----	a-----	-----	a-a-----	b-----
Large White	-----	-----	a-----	-----	a-----a-----	a-----
Small White	a-----	-----	-----	-----	a-----a-----	c-----
Green-veined White	-----	a-----a-----	a-----	-----	b-a-----a-----	c-a-----
Orange-tip	-----	-----	a-----	-----	--a-----	--a-----
Purple Hairstreak	a-----	-----	-----	-----	-----	-----
Small Copper	-----	-----	-----	-----	-----	-----
Brown Argus	-----	-----	-----	-----	-----	b-----
Common Blue	-----	-----a-----	-----	--b-----	-----	b-----
Holly Blue	-----	-----	-----	--a-----	-----	a-----
Red Admiral	-----	-----a-----	a-----	-----	a-----a-----	-----
Painted Lady	-----	-----	a-----	--a-----	-----a-----	-----
Small Tortoiseshell	a-----	-----	a-----	-----	a-a-----a-----	c-----
Peacock	-----	a-----	-----	-----	a-a-----	c-----
Comma	-----	-----	a-----	-----	a-----a-----	b-----
Dark Green Fritillary	-----	-----	-----	-----	-----	-----
Speckled Wood	---a-----	a-----	b-----	-----	a-----a-----	-----
Marbled White	a-----	-----	a-----	-----	a-----a-----	b-----
Gatekeeper	a-----	-----a-----	-----	-----	a-----a-----	c-----
Meadow Brown	a-----	-----a-----	a-----	-----	a-----a-----	c-----
Ringlet	a-----	-----	a-----	-----	a-----a-----	c-----
Small Heath	-----	-----	-----	--a-----	a-----	-----