

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 SP31.
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 SP31.
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 SP31.
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	SP3011	SP3013	SP3113	SP3116	SP3118	SP3210
IgnoranceHue	DarkGreen	DarkGreen	DarkGreen	DarkBlue	Purple	DarkGreen
UTBstatus	Ox	Ox	Ox	Ox	Ox	Ox
UTB_RoWL	991.6	0.0	127.2	210.8	986.1	0.0
Diversity	16	19	3	7	4	14
Small Skipper	-----a---a-----	-----a--a-----	-----	-----	-----	-----
Essex Skipper	-----	-----a-----	-----	-----	-----	-----
Large Skipper	-----a-----	-----a--a-----	-----	-----	-----	-----
Clouded Yellow	-----	-----	-----a-----	-----	-----	-----
Brimstone	-----a---a-----	-----a--aa-----	-----	-----	-----	a-----a-----
Large White	-----a---b-----	-----a--aa-----	-----	-----a-----	-----	a-----b-----
Small White	-----a---b-----	-----a--aa---a-----	-----a-----	-----a-----	-----	b-----b-----
Green-veined White	-----a---b-----	-----a--a-----	-----	-----a-----	a-----	b-----a-----
Orange-tip	-----	-----a-----	-----	-----	a-----	-----
Purple Hairstreak	-----	-----	-----	-----	-----	-----
White-letter Hairstreak	-----	-----	-----	-----	-----	-----
Black Hairstreak	-----	-----	-----	-----	-----	-----
Small Copper	-----	-----	-----	-----	-----	-----
Small Blue	-----a-----	-----	-----	-----	-----	-----
Brown Argus	-----	-----	-----	-----	-----	a-----
Common Blue	-----a-----	-----a--a--a-----	-----	-----	-----	a-----a-----
Holly Blue	-----	-----	-----	-----	-----	-----
White Admiral	-----	-----	-----	-----	-----	-----
Red Admiral	-----	-----aa-----	-----	-----	-----	-----
Painted Lady	-----	-----a-----	-----	-----	-----	-----
Small Tortoiseshell	-----a---b-----	-----ab-----	-----	-----	a-----	a-----b-----
Peacock	-----a---b-----	-----a--ab-----	-----	-----	a-----	a-----b-----
Comma	-----a-----	-----a--ab-----	-----	-----	-----	a-----b-----
Silver-washed Fritillary	-----	-----	-----	-----	-----	-----
Speckled Wood	-----a---a-----	-----a--a-----	-----	-----	-----	a-----a-----
Marbled White	-----a-----	-----a-----	-----	-----a-----	-----	b-----
Gatekeeper	-----a---b-----	-----a--aa-----	-----a-----	-----a-----	-----	a-----
Meadow Brown	-----a---b---a-----	-----a--aa---a-----	-----	-----a-----	-----	b-----b-----
Ringlet	-----a---a-----	-----a-----	-----	-----a-----	-----	a-----

1kID	SP3212	SP3315	SP3316	SP3319	SP3416	SP3418
IgnoranceHue	DarkGreen	Black	DarkBlue	DarkGreen	DarkGreen	Black
UTBstatus	Ox	Ox	Ox	Ox	Ox	Ox
UTB_RoWL	0.0	99.0	0.0	653.8	0.0	0.0
Diversity	13	0	23	14	26	0
Small Skipper	-----	-----	---aa-----	-----	b-baa-----a-----	-----
Essex Skipper	-----	-----	---a-----	-----	-----a-----	-----
Large Skipper	-----	-----	a---bb-----	-----b-----	bbcabbaab-a-b-a-----	-----
Clouded Yellow	-----	-----	-----	-----	-----	-----
Brimstone	-----a-----	-----	---bb-----	-----	-aabc-ab-----	-----
Large White	-----a-----	-----	--a--aa-----	-----b--a-----	baabaa--b-a---a-----	-----
Small White	-----	-----	a---aa-----	-----a---a-----	babbb--ab-a---a-----	-----
Green-veined White	-----	-----	b-a-ab-----	-----b-----	bbcbcbbbb-a-----	-----
Orange-tip	-----	-----	---a-----	-----	---aa-----	-----
Purple Hairstreak	-----	-----	-----	-----	-aa-a-aa-----	-----
White-letter Hairstreak	-----	-----	---a-----	-----	-a-----	-----
Black Hairstreak	-----	-----	---a-----	-----	-----	-----
Small Copper	-----a-----	-----	-----	-----a-----	---a-----	-----
Small Blue	-----	-----	-----	-----	-----	-----
Brown Argus	-----	-----	-----	-----a-----	---a--a-----	-----
Common Blue	-----	-----	---aa-----	-----b-----	-aaab-a---b-a-a-----	-----
Holly Blue	-----	-----	-----	-----	---a-----	-----
White Admiral	-----	-----	---a-----	-----	a-----	-----
Red Admiral	-----a-----	-----	a-a-ab-----	-----a-----	a-aaaa-----a-----	-----
Painted Lady	-----a-----	-----	a--a-----	-----	--aa-----	-----
Small Tortoiseshell	-----a-----	-----	---a-----	-----	a-bbaa-----aa-----	-----
Peacock	-----a-----	-----	---a-----	-----a-----	-bbbb-aab-a-----	-----
Comma	-----a-----	-----	a-a-bb-----	-----	baabbbaab-a-b-a-----	-----
Silver-washed Fritillary	-----	-----	a---ab-----	-----	aabaaaaab-a-a-a-----	-----
Speckled Wood	a-----	-----	a-a-bb-----	-----a-----	abcbcbbbb-a-a-a-----	-----
Marbled White	-----a-----	-----	---b-----	-----b-----	a-a---a--aa-----	-----
Gatekeeper	-----a-----	-----	b---bb-----	-----a-----	babbaaaa--a-b--a-----	-----
Meadow Brown	-----a-----	-----	b---bb-----	-----b--b-----	bbbbbaaab-a-a-aa-----	-----
Ringlet	-----a-----	-----	b---bb-----	-----b-----	babaaa-ab-a-b-a-----	-----

1kID	SP3517	SP3811	SP3910	SP3911
IgnoranceHue	Blue	DarkGreen	Black	Black
UTBstatus	Ox	Ox	Ox	Ox
UTB_RoWL	1569.8	1976.9	385.8	0.0
Diversity	5	18	0	0
Small Skipper	-----	-----	-----	-----
Essex Skipper	-----	-----	-----	-----
Large Skipper	-----	-----c-----	-----	-----
Clouded Yellow	-----	-----a-----	-----	-----
Brimstone	-----	-----	-----	-----
Large White	-----	-----a-----a-----	-----	-----
Small White	-----	-----a-----b-----	-----	-----
Green-veined White	-----	-----a-----a-----	-----	-----
Orange-tip	-----	-----	-----	-----
Purple Hairstreak	-----	-----	-----	-----
White-letter Hairstreak	-----	-----	-----	-----
Black Hairstreak	-----	-----	-----	-----
Small Copper	-----	-----a-----	-----	-----
Small Blue	-----	-----	-----	-----
Brown Argus	-----	-----a-----	-----	-----
Common Blue	-----	-----a-----c-----	-----	-----
Holly Blue	-----	-----	-----	-----
White Admiral	-----	-----	-----	-----
Red Admiral	----a-----a-----	-----	-----	-----
Painted Lady	-----	-----a-----b-----	-----	-----
Small Tortoiseshell	----a-----a-----	-----a-----a-----	-----	-----
Peacock	-----	-----a-----	-----	-----
Comma	-----	-----a-----	-----	-----
Silver-washed Fritillary	-----	-----a-----	-----	-----
Speckled Wood	-----	-----a-----c-----	-----	-----
Marbled White	-----	-----a-----	-----	-----
Gatekeeper	----a-----a-----	-----a-----	-----	-----
Meadow Brown	----a-----aa-----	-----a-----c-----	-----	-----
Ringlet	----a-----a-----	-----a-----	-----	-----