

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 SP21.
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 SP21.
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 SP21.
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	SP2010	SP2110	SP2113	SP2210	SP2215	SP2217
IgnoranceHue	DarkGreen	DarkGreen	Black	DarkGreen	DarkGreen	Blue
UTBstatus	OxEx	OxEx	OxEx	Ox	OxEx	OxEx
UTB_RoWL	0.0	620.6	0.0	841.8	1587.8	1930.7
Diversity	7	16	0	18	1	13
Small Skipper	-----	---a-a-----	-----	a-----a-a---	-----	-----
Essex Skipper	-----	-----a-----	-----	-----	-----	---a-----
Large Skipper	-----	-----	-----	a-----	-----	-----
Clouded Yellow	-----	-----	-----	-----	-----	-----
Brimstone	-----	-----a-a-a---	-----	a-----	-----	-----
Large White	-----	-----a-a-a---	-----	-----a-a---	-----	-----a-----
Small White	-----a---	-----a-a-a---	-----	-----a-b---	-----	-----a-----
Green-veined White	-----	-----a-a-a---	-----	b-----a-----	-----	-----a-----
Orange-tip	-----	-----a-----a---	-----	a-----	-----	-----
Small Copper	-----	-----	-----	-----	-----	-----
Brown Argus	-----	-----	-----	-----	-----	-----
Common Blue	-----a---	-----	-----	-----a---	-----	-----
Holly Blue	-----	-----a---	-----	-----	-----	-----
Red Admiral	-----	-----	-----	-----	-----	-----
Painted Lady	-----a---	-----a---	-----	-----a---	-----	-----a-----
Small Tortoiseshell	-----a---	-----a-a---	-----	-----a---	-----	-----a-a-----
Peacock	-----	-----a-a---	-----	-----a---	-----	-----a-----
Comma	-----a---	-----	-----	-----a---	-----	-----a-----
Dark Green Fritillary	-----	-----	-----	-----	-----	-----a-a-----
Speckled Wood	-----	-----	-----	-----a-a---	-----	-----
Marbled White	-----	-----a-a---	-----	a-----a---	-----a-----	-----a-a---
Gatekeeper	-----	-----a-a---	-----	a-----a-a---	-----	-----a-a---
Meadow Brown	-----a---	-----a-a---	-----	a-----a-b---	-----	-----a-a---
Ringlet	-----	-----a-a-a---	-----	a-----a---	-----	-----a-a---
Small Heath	-----a---	-----a-----	-----	-----a---	-----	-----

1kID	SP2219	SP2310	SP2311	SP2314	SP2315	SP2316
IgnoranceHue	Black	Blue	Black	Black	Black	DarkGreen
UTBstatus	OxEx	Ox	Ox	Ox	Ox	Ox
UTB_RoWL	698.2	1024.4	1102.4	0.0	0.0	1108.6
Diversity	0	15	0	0	0	19
Small Skipper	-----	---aa-a-----	-----	-----	-----	a-----a-----
Essex Skipper	-----	-----	-----	-----	-----	-----
Large Skipper	-----	---a-----	-----	-----	-----	a-----
Clouded Yellow	-----	-----	-----	-----	-----	-----
Brimstone	-----	---a-----	-----	-----	-----	-----
Large White	-----	---ba-a-----	-----	-----	-----	---a-a---a-----
Small White	-----	---aa-a-----	-----	-----	-----	---a---a-----
Green-veined White	-----	---ba-a-a-----	-----	-----	-----	---a-a-----
Orange-tip	-----	---a-----	-----	-----	-----	-----
Small Copper	-----	-----	-----	-----	-----	---a-----
Brown Argus	-----	-----	-----	-----	-----	---a-----
Common Blue	-----	---a-----	-----	-----	-----	---a-----
Holly Blue	-----	-----	-----	-----	-----	-----
Red Admiral	-----	-----	-----	-----	-----	---a-----
Painted Lady	-----	---a-----	-----	-----	-----	---a-----
Small Tortoiseshell	-----	---a-a-----	-----	-----	-----	a-----a-----
Peacock	-----	---a-a-----	-----	-----	-----	---a-a-----
Comma	-----	-----	-----	-----	-----	a-----
Dark Green Fritillary	-----	-----	-----	-----	-----	---a-----
Speckled Wood	-----	-----	-----	-----	-----	a---a-----
Marbled White	-----	---a-a-----	-----	-----	-----	a-----
Gatekeeper	-----	---aa-a-----	-----	-----	-----	a-----a-----
Meadow Brown	-----	---aa-a-----	-----	-----	-----	a-----a---a-----
Ringlet	-----	---a-a-----	-----	-----	-----	a-----a-----
Small Heath	-----	-----	-----	-----	-----	-----

1kID	SP2415	SP2515	SP2516	SP2517	SP2519	SP2612
IgnoranceHue	Blue	DarkGreen	Blue	DarkGreen	Black	DarkGreen
UTBstatus	Ox	Ox	Ox	Ox	Ox	Ox
UTB_RoWL	0.0	1068.6	181.5	483.6	1442.4	0.0
Diversity	14	12	7	13	0	12
Small Skipper	a-----a-----	-----	-----	-----	-----	-----
Essex Skipper	a-----a--a-----	-----	-----	-----	-----	-----
Large Skipper	-----a-----	-----	-----	-----	-----	-----
Clouded Yellow	-----	-----	a-----	-----	-----	a-----
Brimstone	-----	-----a-----a-----	-----a-----	-----a-----	-----	-----a-----
Large White	-----a-----	-----a-----a-----	-----	-----a-----	-----	-----a-----
Small White	a-----a--a-----	-----a-----a-----	a-----	-----a-----	-----	a-----a-----
Green-veined White	a-----a--b-----	-----aa-----a-----	-----a-----	-----a-----	-----	-----
Orange-tip	-----	-----a-a-----	-----a-a-----	a-----	-----	-----
Small Copper	-----	-----	-----	-----	-----	-----
Brown Argus	-----	-----	-----	-----	-----	-----
Common Blue	a-----	-----	-----	-----	-----	-----a-----
Holly Blue	-----	-----	-----	-----a-----	-----	-----
Red Admiral	-----	-----	-----	-----a-----	-----	-----b-----
Painted Lady	-----	-----a-----	-----	-----	-----	a-----a-----
Small Tortoiseshell	a-----a-----	-----a-----	a-----	-----a-----	-----	a-----
Peacock	a-----a--a-----	-----aa-----	-----	-----a-----	-----	-----a-----
Comma	-----	-----	-----	-----a-----	-----	-----a-----
Dark Green Fritillary	-----	-----	-----	-----	-----	-----
Speckled Wood	a-----	-----a-----	-----	-----	-----	-----
Marbled White	a-----a--a-----	-----	-----	-----a-----	-----	-----
Gatekeeper	a-----a--b-----	-----a-----	-----	-----a-----	-----	-----a-----
Meadow Brown	a-----a--b-----	-----a-----a-----	a-----	-----a-----	-----	-----a-----
Ringlet	-----a-----	-----a-----	-----	-----	-----	-----
Small Heath	-----	-----	-----	-----	-----	-----

1kID	SP2616	SP2619	SP2714	SP2715	SP2719	SP2814
IgnoranceHue	DarkGreen	DarkGreen	Black	Black	DarkBlue	DarkGreen
UTBstatus	Ox	Ox	Ox	Ox	Ox	Ox
UTB_RoWL	74.3	770.2	873.6	0.0	1500.8	405.9
Diversity	4	10	0	0	17	16
Small Skipper	-----	-----	-----	-----	a-----a-----	-----
Essex Skipper	-----	-----	-----	-----	a-----	-----
Large Skipper	-----	-----	-----	-----	a-----	-----
Clouded Yellow	-----	-----	-----	-----	-----	-----
Brimstone	-----a-----	-----a-----	-----	-----	-----	-----a-a-----
Large White	-----	-----	-----	-----	-----a-----	-----a-----a-----
Small White	-----	-----a-----	-----	-----	-----a-----	-----aa-----b-----
Green-veined White	-----	-----	-----	-----	a-----a-----	-----a-aa-----b-----
Orange-tip	-----a-----	-----	-----	-----	-----	-----a-a-----
Small Copper	-----	-----a-----	-----	-----	-----a-----	-----
Brown Argus	-----	-----	-----	-----	-----	-----a-----
Common Blue	-----	-----a-a-----	-----	-----	-----	-----a-----
Holly Blue	-----	-----	-----	-----	-----	-----
Red Admiral	-----	-----a-a-----	-----	-----	a-----	-----b-----
Painted Lady	-----	-----	-----	-----	-----a-----	-----a-----a-----
Small Tortoiseshell	-----a-----	-----a-----	-----	-----	a-----a-----	-----ba-----a-----
Peacock	-----a-----	-----a-----	-----	-----	-----a-----	-----a-----
Comma	-----	-----a-----	-----	-----	a-----	-----
Dark Green Fritillary	-----	-----	-----	-----	-----	-----
Speckled Wood	-----	-----a-----	-----	-----	-----a-----	-----a-----
Marbled White	-----	-----	-----	-----	a-----	-----a-----
Gatekeeper	-----	-----	-----	-----	a-----a-----	-----aa-a-----
Meadow Brown	-----	-----a-----	-----	-----	a-----a-----	-----aa-a-----b-----
Ringlet	-----	-----	-----	-----	a-----	-----a-a-----
Small Heath	-----	-----	-----	-----	-----	-----

1kID	SP2912	SP2914	SP2915
IgnoranceHue	DarkBlue	Black	DarkGreen
UTBstatus	Ox	Ox	Ox
UTB_RoWL	889.2	1070.4	227.7
Diversity	11	0	9
Small Skipper	-----a-----	-----	-----
Essex Skipper	-----	-----	-----
Large Skipper	a-----	-----	-----
Clouded Yellow	-----	-----	-----
Brimstone	-----	-----	a-----
Large White	-----a-----	-----	-----
Small White	-----a-----	-----	a-----
Green-veined White	-----a-----	-----	a-----
Orange-tip	-----	-----	-----a-----
Small Copper	-----	-----	-----
Brown Argus	-----	-----	-----
Common Blue	-----	-----	-----
Holly Blue	-----a-----	-----	-----
Red Admiral	-----	-----	-----
Painted Lady	-----	-----	-----
Small Tortoiseshell	-----a-----	-----	a-----
Peacock	-----	-----	-----
Comma	-----	-----	a-----
Dark Green Fritillary	-----	-----	-----
Speckled Wood	-----	-----	-----
Marbled White	a-----a-----	-----	a-----
Gatekeeper	-----a-----	-----	a-----
Meadow Brown	a-----a-----	-----	a-----
Ringlet	a-----a-----	-----	-----
Small Heath	-----	-----	-----