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 SP44.
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 SP44.
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 SP44.
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	SP4041	SP4043	SP4045	SP4145	SP4244	SP4247
IgnoranceHue	DarkBlue	DarkGreen	Black	Black	Black	DarkGreen
UTBstatus	Ox	Ox	OxEx	OxEx	OxEx	OxEx
UTB_RoWL	1447.9	1891.9	3351.4	459.3	475.4	1013.6
Diversity	10	12	0	0	0	1
Small Skipper	--------a-------------	--a------------------	---------------------	---------------------	---------------------	---------------------
Essex Skipper	---------------------	---------------------	---------------------	---------------------	---------------------	---------------------
Large Skipper	---------------------	--a------------------	---------------------	---------------------	---------------------	---------------------
Brimstone	---------------------	a--------------------	---------------------	---------------------	---------------------	---------------------
Large White	a-------a-------------	---------------------	---------------------	---------------------	---------------------	---------------------
Small White	--------a-------------	---------------------	---------------------	---------------------	---------------------	---------------------
Green-veined White	--------a-------------	---------------------	---------------------	---------------------	---------------------	----------------a-----
Orange-tip	---------------------	a--------------------	---------------------	---------------------	---------------------	---------------------
Small Copper	---------------------	---------------------	---------------------	---------------------	---------------------	---------------------
Common Blue	---------------------	---------------------	---------------------	---------------------	---------------------	---------------------
Red Admiral	---------------------	---------------------	---------------------	---------------------	---------------------	---------------------
Painted Lady	--------a-------------	---------------------	---------------------	---------------------	---------------------	---------------------
Small Tortoiseshell	a-------a-------------	---a-----------------	---------------------	---------------------	---------------------	---------------------
Peacock	---------------------	---a-----------------	---------------------	---------------------	---------------------	---------------------
Comma	--------a-------------	---a-----------------	---------------------	---------------------	---------------------	---------------------
Silver-washed Fritillary	---------------------	----------------a-----	---------------------	---------------------	---------------------	---------------------
Speckled Wood	---------------------	a--------------------	---------------------	---------------------	---------------------	---------------------
Marbled White	---------------------	--a------------------	---------------------	---------------------	---------------------	---------------------
Gatekeeper	a-------a-------------	---------------------	---------------------	---------------------	---------------------	---------------------
Meadow Brown	a-------a-------------	--a------------------	---------------------	---------------------	---------------------	---------------------
Ringlet	a-------a-------------	--a------------------	---------------------	---------------------	---------------------	---------------------

1kID	SP4248	SP4345	SP4445	SP4448	SP4449	SP4543
IgnoranceHue	Black	Black	DarkGreen	Black	Black	DarkGreen
UTBstatus	OxEx	OxEx	OxEx	OxEx	OxEx	Ox
UTB_RoWL	0.0	851.7	1798.3	1563.5	0.0	0.0
Diversity	0	0	1	0	0	8
Small Skipper	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------
Essex Skipper	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------
Large Skipper	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------
Brimstone	----------------------	----------------------	---------------a------	----------------------	----------------------	----------------------
Large White	----------------------	----------------------	----------------------	----------------------	----------------------	----------------a-----
Small White	----------------------	----------------------	----------------------	----------------------	----------------------	----------------a-----
Green-veined White	----------------------	----------------------	----------------------	----------------------	----------------------	----------------a-----
Orange-tip	----------------------	----------------------	----------------------	----------------------	----------------------	--a-------------------
Small Copper	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------
Common Blue	----------------------	----------------------	----------------------	----------------------	----------------------	----------------a-----
Red Admiral	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------
Painted Lady	----------------------	----------------------	----------------------	----------------------	----------------------	----------------b-----
Small Tortoiseshell	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------
Peacock	----------------------	----------------------	----------------------	----------------------	----------------------	----------------a-----
Comma	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------
Silver-washed Fritillary	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------
Speckled Wood	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------
Marbled White	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------
Gatekeeper	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------
Meadow Brown	----------------------	----------------------	----------------------	----------------------	----------------------	----------------a-----
Ringlet	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

1kID	SP4547	SP4742	SP4743	SP4744	SP4748	SP4749
IgnoranceHue	*DarkGreen*	*DarkBlue*	*DarkGreen*	*Blue*	*Purple*	*Black*
UTBstatus	*Ox*	*OxEx*	*OxEx*	*Ox*	*Ox*	*OxEx*
UTB_RoWL	*244.0*	*0.0*	*0.0*	*1786.1*	*506.5*	*1880.2*
Diversity	*9*	*12*	*1*	*1*	*1*	*0*
Small Skipper	------------------------	--------a-------------	------------------------	------------------------	------------------------	------------------------
Essex Skipper	------------------------	--------a-------------	------------------------	------------------------	------------------------	------------------------
Large Skipper	------------------------	------------------------	------------------------	------------------------	------------------------	------------------------
Brimstone	------------------------	------------------------	------------------------	------------------------	------------------------	------------------------
Large White	-----------------a------	--------a-------------	------------------------	------------------------	------------------------	------------------------
Small White	------------------------	--------a-------------	------------------------	------------------------	------------------------	------------------------
Green-veined White	------------------------	--a-----a-------------	------------------------	------------------------	------------------------	------------------------
Orange-tip	------------------------	------------------------	-----------------a----	------------------------	------------------------	------------------------
Small Copper	---------------a------	------------------------	------------------------	------------------------	------------------------	------------------------
Common Blue	------------------------	--------a-------------	------------------------	-------------a---------	------------------------	------------------------
Red Admiral	------------a----------	------------------------	------------------------	------------------------	------------------------	------------------------
Painted Lady	------------a----------	--------a-------------	------------------------	------------------------	------------------------	------------------------
Small Tortoiseshell	------------a----------	--------a-------------	------------------------	------------------------	------------------------	------------------------
Peacock	------------a----------	--------a-------------	------------------------	------------------------	------------------------	------------------------
Comma	------------a----------	------------------------	------------------------	------------------------	a---------------------	------------------------
Silver-washed Fritillary	------------------------	------------------------	------------------------	------------------------	------------------------	------------------------
Speckled Wood	---------------a------	--------a-------------	------------------------	------------------------	------------------------	------------------------
Marbled White	------------------------	------------------------	------------------------	------------------------	------------------------	------------------------
Gatekeeper	------------------------	--------a-------------	------------------------	------------------------	------------------------	------------------------
Meadow Brown	---------------a------	--a-----a-------------	------------------------	------------------------	------------------------	------------------------
Ringlet	------------------------	------------------------	------------------------	------------------------	------------------------	------------------------

1kID	SP4841	SP4842	SP4843	SP4844	SP4845	SP4847
IgnoranceHue	Black	DarkGreen	Black	DarkBlue	Black	DarkGreen
UTBstatus	OxEx	OxEx	OxEx	OxEx	Ox	OxEx
UTB_RoWL	0.0	0.0	102.8	930.9	1278.3	2197.5
Diversity	0	13	0	11	0	1
Small Skipper	---------------------	a---------------------	---------------------	---------------------	---------------------	---------------------
Essex Skipper	---------------------	a---------------------	---------------------	---------------------	---------------------	---------------------
Large Skipper	---------------------	---------------------	---------------------	---------------------	---------------------	---------------------
Brimstone	---------------------	---aa-----------------	---------------------	--------a------------	---------------------	---------------------
Large White	---------------------	a--------------a-----	---------------------	--------a------------	---------------------	---------------------
Small White	---------------------	a--------------a-----	---------------------	--------a------------	---------------------	---------------------
Green-veined White	---------------------	a---------------------	---------------------	--------a------------	---------------------	---------------------
Orange-tip	---------------------	---aa-----------------	---------------------	---------------------	---------------------	---------------------
Small Copper	---------------------	---------------------	---------------------	--------a------------	---------------------	---------------------
Common Blue	---------------------	---------------------	---------------------	--------a------------	---------------------	---------------------
Red Admiral	---------------------	a---------------------	---------------------	---------------------	---------------------	---------------------
Painted Lady	---------------------	---------------------	---------------------	--------a------------	---------------------	---------------------
Small Tortoiseshell	---------------------	---aa------------a-----	---------------------	--------a------------	---------------------	---------------------
Peacock	---------------------	a--aa-----------------	---------------------	--------a------------	---------------------	---------------------
Comma	---------------------	---------------------	---------------------	---------------------	---------------------	---------------------
Silver-washed Fritillary	---------------------	---------------------	---------------------	---------------------	---------------------	---------------------
Speckled Wood	---------------------	a---------------------	---------------------	---------------------	---------------------	---------------------
Marbled White	---------------------	---------------------	---------------------	---------------------	---------------------	----------------a-----
Gatekeeper	---------------------	a--------------a-----	---------------------	--------a------------	---------------------	---------------------
Meadow Brown	---------------------	a---------------------	---------------------	--------a------------	---------------------	---------------------
Ringlet	---------------------	---------------------	---------------------	---------------------	---------------------	---------------------

1kID	SP4945	SP4947
IgnoranceHue	*DarkGreen*	*Purple*
UTBstatus	*Ox*	*OxEx*
UTB_RoWL	*2837.7*	*0.0*
Diversity	*3*	*7*
Small Skipper	------------------------	------------------------
Essex Skipper	------------------------	------------------------
Large Skipper	------------------------	------------------------
Brimstone	------------------------	a-----------------------
Large White	------------------a-----	a-----------------------
Small White	------------------a-----	a-----------------------
Green-veined White	------------------------	------------------------
Orange-tip	------------------------	------------------------
Small Copper	------------------------	------------------------
Common Blue	------------------------	------------------------
Red Admiral	------------------------	------------------------
Painted Lady	------------------------	------------------------
Small Tortoiseshell	------------------------	a-----------------------
Peacock	------------------------	a-----------------------
Comma	------------------------	a-----------------------
Silver-washed Fritillary	------------------------	------------------------
Speckled Wood	------------------a-----	------------------------
Marbled White	------------------------	------------------------
Gatekeeper	------------------------	a-----------------------
Meadow Brown	------------------------	------------------------
Ringlet	------------------------	------------------------