

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 SU47.
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 SU47.
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 SU47.
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	SU4070	SU4071	SU4076	SU4079	SU4171	SU4174
IgnoranceHue	Black	DarkGreen	DarkGreen	DarkGreen	DarkGreen	Black
UTBstatus	Be	Be	Be	Be	Be	Be
UTB_RoWL	2086.1	1470.5	1401.3	1959.7	2054.2	0.0
Diversity	0	14	10	17	10	0
Small Skipper	-----	a-----	-----	-----	-----	-----
Essex Skipper	-----	-----	---a-----	-----	-----	-----
Large Skipper	-----	-----	-----	-----a-----	-----a-----	-----
Dingy Skipper	-----	-----	-----	-----	-----	-----
Brimstone	-----	-----	-----aa-----	-a-----b-----	-----	-----
Large White	-----	a-----	---a-----	-----b-----	-----a-----	-----
Small White	-----	a-----	-----a-----	-----a--a-----	-----a-----	-----
Green-veined White	-----	a-----	-----	-----a-----	-----a-----	-----
Orange-tip	-----	-----a-----	-----a-----	-----b-----	-----	-----
Green Hairstreak	-----	-----	-----	-----	-----	-----
Purple Hairstreak	-----	a-----	-----	-----	-----	-----
White-letter Hairstreak	-----	-----	-----	-----	-----	-----
Small Copper	-----	-----	-----	-----	-----	-----
Small Blue	-----	-----	-----	-----	-----	-----
Brown Argus	-----	-----	-----	-----	-----	-----
Common Blue	-----	-----	-----	-----	-----	-----
Holly Blue	-----	-----	-----	-a-----a-----	-----	-----
White Admiral	-----	-----	-----	-----	-----a-----	-----
Red Admiral	-----	-----	-----	---a---a-----	-----	-----
Painted Lady	-----	-----a-----	---a-----	-----a-----	-----	-----
Small Tortoiseshell	-----	-----a-----	-----	-a---a--a-----	-----	-----
Peacock	-----	-----a-----	-----	-a-----	-----	-----
Comma	-----	a-----	-----	-----a-----	-----	-----
Silver-washed Fritillary	-----	-----	-----	-----	-----a-----	-----
Speckled Wood	-----	-----a-----	-----	---a---a--b-----	-----a-----	-----
Marbled White	-----	-----	---a---a-----	-----ab-----	-----	-----
Gatekeeper	-----	a-----	---a-----	-----a-----	-----a-----	-----
Meadow Brown	-----	a-----	---a-----	---a---ab-----	-----a-----	-----
Ringlet	-----	a-----	-----a-----	---a---aa-----	-----a--a-----	-----
Small Heath	-----	-----	-----	-----	-----	-----

1kID	SU4175	SU4178	SU4270	SU4273	SU4274	SU4276
IgnoranceHue	DarkGreen	DarkGreen	Blue	Black	Black	DarkGreen
UTBstatus	Be	Be	Be	Be	Be	Be
UTB_RoWL	55.2	1430.6	572.6	687.0	0.0	1579.0
Diversity	19	9	2	0	0	1
Small Skipper	a-----	-----	-----	-----	-----	-----
Essex Skipper	-----	-----	-----	-----	-----	-----
Large Skipper	-----	-----a--	-----	-----	-----	-----
Dingy Skipper	-----	-----	-----	-----	-----	-----
Brimstone	-----a--a--	-----a--	-----	-----	-----	-----a--
Large White	-----a--a--	-----ba--	-----	-----	-----	-----
Small White	-----a--b--	-----b--	-----	-----	-----	-----
Green-veined White	-----a--b--	-----	-----	-----	-----	-----
Orange-tip	-----a--	-----a--	-----	-----	-----	-----
Green Hairstreak	-----	-----	-----	-----	-----	-----
Purple Hairstreak	-----a--	-----	-----	-----	-----	-----
White-letter Hairstreak	-----	-----	-----	-----	-----	-----
Small Copper	-----	-----	-----	-----	-----	-----
Small Blue	-----	-----	-----	-----	-----	-----
Brown Argus	-----	-----	-----	-----	-----	-----
Common Blue	-----a--	-----	-----	-----	-----	-----
Holly Blue	-----a--	-----	-----	-----	-----	-----
White Admiral	-----	-----	-----	-----	-----	-----
Red Admiral	-----	-----	-----	-----	-----	-----
Painted Lady	-----a--	-----	-----	-----	-----	-----
Small Tortoiseshell	-----a--	-----b--	-----a--	-----	-----	-----
Peacock	-----a--a--	-----	-----	-----	-----	-----
Comma	-----a--	-----	-----	-----	-----	-----
Silver-washed Fritillary	-----a--	-----	-----a--	-----	-----	-----
Speckled Wood	-----a--a--	-----	-----	-----	-----	-----
Marbled White	-----	-----a--	-----	-----	-----	-----
Gatekeeper	a-----a--b--	-----	-----	-----	-----	-----
Meadow Brown	a-----a--b--	-----ab--	-----	-----	-----	-----
Ringlet	a-----a--a--	-----ab--	-----	-----	-----	-----
Small Heath	-----a--	-----	-----	-----	-----	-----

1kID	SU4378	SU4379	SU4477	SU4575	SU4576	SU4578
IgnoranceHue	DarkGreen	DarkGreen	DarkGreen	DarkBlue	DarkGreen	DarkGreen
UTBstatus	Be	Be	Be	Be	Be	Be
UTB_RoWL	1466.9	875.4	1007.6	2695.4	1455.2	0.0
Diversity	5	5	20	14	21	8
Small Skipper	-----	-----	---a--a---a----	-----a-----	-----a-----	-----
Essex Skipper	-----	-----	---a--a---a----	-----	-----a-----	-----
Large Skipper	-----	-----	---a-----	-----	-----a--ab----	-----a-----
Dingy Skipper	-----	-----	-----	-----	-----	-----
Brimstone	-----	--a-----	-----	-----b-----	-----aa-----	-----a-----
Large White	-----	-----a-----	---a--a---a--aa----	-----b-----	-----a---aab----	-----
Small White	-----a-----a-----	--a-----a-----	---a--a---a-----	-----b-----	-----a---aa-----	-----a-----
Green-veined White	-----	-----	---a--a---a-----	-----b-----	-----a-----	-----
Orange-tip	-----	--a-----	-----a-----	-----	-----a-----	-----a-----
Green Hairstreak	-----	-----	---a-----	-----	-----	-----
Purple Hairstreak	-----	-----	---a-----	-----	-----	-----
White-letter Hairstreak	-----a-----	-----	-----	-----	-----a-----	-----
Small Copper	-----	-----	-----	-----	-----a-----	-----
Small Blue	-----	-----	-----b--a-----	-----	-----	-----a-----
Brown Argus	-----	-----	-----	-----	-----	-----
Common Blue	-----	-----	---a---a-----	-----a-----	-----a-----	-----a-----
Holly Blue	-----	-----	---a-----	-----	-----a-----	-----
White Admiral	-----	-----	-----	-----	-----	-----
Red Admiral	-----	-----	-----	-----	-----a--a-----	-----
Painted Lady	-----	-----	-----	-----a-----	-----	-----
Small Tortoiseshell	-----	-----	---a--a---a-----	-----a-----	-----a-----	-----
Peacock	-----	-----	-----a-----	-----a-----	-----a-----	-----
Comma	-----	-----	-----a-----	-----a-----	-----a-----	-----
Silver-washed Fritillary	-----	-----	-----	-----	-----	-----
Speckled Wood	-----	-----	---a-----	-----a-----	-----a-----	-----
Marbled White	-----	-----	---a--aa-----a-----	-----	-----a--aab----	-----
Gatekeeper	-----a-----	-----	---a--a---a-----	-----a-----	-----a--a---aaa----	-----
Meadow Brown	-----b-----	-----	---a--aa---a--a-----	-----a-----	-----a---aab----	-----a-----a-----
Ringlet	-----a-----	-----a-----	---a--a---a-----	-----a-----	-----ab-----	-----a-----
Small Heath	-----	-----	-----	-----	-----	-----

1kID	SU4579	SU4675	SU4677	SU4679	SU4770	SU4777
IgnoranceHue	Black	Blue	DarkGreen	DarkGreen	DarkGreen	DarkGreen
UTBstatus	Be	Be	Be	Be	Be	Be
UTB_RoWL	416.8	3133.9	1525.5	3630.7	76.9	2674.2
Diversity	0	14	18	13	4	8
Small Skipper	-----	---a-----	---a--a-----	-----	-----	-----
Essex Skipper	-----	-----	---a--a-----	-----	-----	-----
Large Skipper	-----	-----	---a--a-----	-----a-----	-----a-----	-----
Dingy Skipper	-----	-----	-----	-----	-----	-----
Brimstone	-----	---b-----	-----	---a--a--ac---	-----	---a-----
Large White	-----	---b-----	---a--a--a-----	-----a-----	-----	-----
Small White	-----	---b-----	---a--a-----	-----b-----	-----	---a-----
Green-veined White	-----	---b-----	---a--a-----	-----	-----	---a---a-----
Orange-tip	-----	---b-----	---a-----	---b-----	-----	---a-----
Green Hairstreak	-----	-----	-----	-----	-----	-----
Purple Hairstreak	-----	---a-----	---a-----	-----	-----	-----
White-letter Hairstreak	-----	-----	-----	-----	-----	-----
Small Copper	-----	-----	-----	-----	-----	-----
Small Blue	-----	-----	-----	-----	-----a-----	-----
Brown Argus	-----	-----	-----	-----	-----	---a-----
Common Blue	-----	-----	-----	-----	-----a-----	---a-----
Holly Blue	-----	-----	---a-----	-----	-----	-----
White Admiral	-----	-----	-----	-----	-----	-----
Red Admiral	-----	-----	---a-----a-a---	-----	-----	-----
Painted Lady	-----	---a-----	-----	-----	-----	-----
Small Tortoiseshell	-----	---a--a-----	---a-a-----a---	---a-----a---	-----a-----	-----
Peacock	-----	---b-----	---a-a-a---a-a---	---a--a-----	-----	-----
Comma	-----	---b-----	---a-----a---	---a-a-----	-----	---a-----
Silver-washed Fritillary	-----	-----	-----	-----	-----	-----
Speckled Wood	-----	---a-----	---a-a-----	-----a-----	-----	---a---a-----
Marbled White	-----	-----	---a-----	-----a-----	-----	-----
Gatekeeper	-----	---a-----	---a--a--a-----	-----a-----	-----	-----
Meadow Brown	-----	---a-----	---a--a--a-a-----	-----a-----	-----	-----
Ringlet	-----	-----	---a--a-----	-----a-----	-----	-----
Small Heath	-----	-----	-----	-----	-----	-----

1kID	SU4778	SU4874	SU4879	SU4970	SU4974	SU4975
IgnoranceHue	DarkGreen	Blue	DarkBlue	Black	DarkGreen	DarkGreen
UTBstatus	Be	Be	Be	Be	Be	Be
UTB_RoWL	1464.2	1600.8	2313.7	959.3	2710.8	2639.8
Diversity	12	10	9	0	22	1
Small Skipper	-----	-----	---a-----	-----	---a-b-----	-----
Essex Skipper	-----	-----a-----	-----	-----	---a-b-----	-----
Large Skipper	-----a-----	-----	-----	-----	-----b-----	-----
Dingy Skipper	-----	-----	-----	-----	-----	-----
Brimstone	-----a-a-----	-----a-----	-----	-----	-----b---a-----	-----
Large White	-----a---a-----	-----	---a---a-----	-----	---a-b-----	-----
Small White	-----a---a-a-----	-----a-----	---a---a-----	-----	---a-b-----	-----
Green-veined White	-----a---a-----	-----b-----	---a---a-----	-----	---a-b-----	-----a-----
Orange-tip	-----a-b-----	-----a-----	-----	-----	-----a---a-----	-----
Green Hairstreak	-----	-----	-----	-----	-----	-----
Purple Hairstreak	-----	-----	-----	-----	-----b-----	-----
White-letter Hairstreak	-----	-----	-----	-----	-----	-----
Small Copper	-----	-----	-----	-----	---a-----	-----
Small Blue	-----	-----	-----	-----	-----	-----
Brown Argus	-----	-----	-----	-----	---a-a-----	-----
Common Blue	-----	-----a-----	-----	-----	---a-b-----	-----
Holly Blue	-----	-----	---a-----	-----	-----	-----
White Admiral	-----	-----	-----	-----	-----	-----
Red Admiral	-----	-----	-----	-----	-----b-----	-----
Painted Lady	-----	-----	-----	-----	-----b-----	-----
Small Tortoiseshell	-----a-----	-----	-----	-----	-----b-----	-----
Peacock	-----a---a-a-----	-----a-----	---a---a-----	-----	-----b-----	-----
Comma	-----a-----	-----a-----	-----	-----	-----a-----	-----
Silver-washed Fritillary	-----	-----	-----	-----	-----	-----
Speckled Wood	-----	-----	---a-----	-----	-----a-----	-----
Marbled White	-----	-----	-----	-----	-----b-----	-----
Gatekeeper	-----a-----	-----a-----	---a-----	-----	---a-b-----	-----
Meadow Brown	-----a-----	-----a-----	-----	-----	---a-b-----	-----
Ringlet	-----a-----	-----	---a---a-----	-----	---a-b-----	-----
Small Heath	-----	-----	-----	-----	-----	-----

1kID	SU4977	SU4979
IgnoranceHue	DarkGreen	DarkGreen
UTBstatus	Be	Be
UTB_RoWL	2527.0	2206.8
Diversity	19	21
Small Skipper	---a-----	---a---a-----
Essex Skipper	---a-----a-----	---a-----
Large Skipper	-----b-----	-----b-----
Dingy Skipper	-----	-----a-----
Brimstone	---a---a---a-----	---a---a-----
Large White	---a---a---a-----	---a---b-----
Small White	---a---a---a---a-----	---a---b-----
Green-veined White	---a---a---a-----	---a---b-----
Orange-tip	-----	-----a-----
Green Hairstreak	-----	-----
Purple Hairstreak	-----	-----
White-letter Hairstreak	-----	-----
Small Copper	---a-----	---a-----
Small Blue	-----	-----
Brown Argus	---a-----a-----	-----
Common Blue	---a---b---a-----	---a-----
Holly Blue	-----	---a-----
White Admiral	-----	-----
Red Admiral	---a-----a-----	-----
Painted Lady	-----	-----a-----
Small Tortoiseshell	-----b-a-----	-----b-----
Peacock	---a---b---b-aa-----	---a---a-----
Comma	-----a-----	-----b-----
Silver-washed Fritillary	-----	-----
Speckled Wood	---a-----a-----	-----a-----
Marbled White	---a---b---a-----	---a---a-----
Gatekeeper	---a---a---a-----	---a---b-----
Meadow Brown	---a---b---a-----	---a---b-----a-----
Ringlet	-----b-----	---a---b-----a-----
Small Heath	-----	-----