

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 SU78.
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 SU78.
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 SU78.
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 | SU7383 | SU7487 | SU7585 | SU7685 | SU7686 | SU7783 |
|--------------------------|---------------|----------------|----------------|-------------|-------------|-------------|
| IgnoranceHue | DarkGreen | DarkGreen | DarkGreen | Blue | DarkGreen | Blue |
| UTBstatus | Ox | Bu | BuOx | Bu | Bu | Be |
| UTB_RoWL | 1829.1 | 1343.0 | 1995.3 | 1319.8 | 872.3 | 1418.3 |
| Diversity | 3 | 7 | 13 | 1 | 7 | 3 |
| Small Skipper | ----- | ----- | -----a----- | ----- | ----- | ----- |
| Essex Skipper | ----- | ----- | ----- | ----- | ----- | ----- |
| Large Skipper | ----- | ----- | ----- | ----- | ----- | ----- |
| Brimstone | -----a----- | -----a----- | ----- | ----- | ----- | ----- |
| Large White | ----- | ----- | -----a----- | ----- | -----a----- | ----- |
| Small White | ----- | ----- | -----a----- | ----- | -----a----- | -----a----- |
| Green-veined White | ----- | -----a----- | -----a----- | ----- | ----- | -----a----- |
| Orange-tip | -----a----- | -----a----- | -----a----- | ----- | ----- | ----- |
| Green Hairstreak | ----- | ----- | ----- | ----- | ----- | ----- |
| White-letter Hairstreak | -----aab----- | ----- | ----- | ----- | ----- | ----- |
| Brown Argus | ----- | ----- | ----- | ----- | ----- | ----- |
| Common Blue | ----- | ----- | -----a----- | ----- | ----- | ----- |
| Holly Blue | ----- | ----- | ----- | ----- | -----a----- | ----- |
| Red Admiral | ----- | -----a----- | -----a----- | ----- | ----- | ----- |
| Painted Lady | ----- | ----- | ----- | ----- | ----- | ----- |
| Small Tortoiseshell | ----- | -----b--a----- | ----- | -----a----- | -----a----- | ----- |
| Peacock | ----- | -----b----- | -----a----- | ----- | ----- | ----- |
| Comma | ----- | ----- | -----a--a----- | ----- | ----- | ----- |
| Silver-washed Fritillary | ----- | ----- | -----a----- | ----- | ----- | ----- |
| Speckled Wood | ----- | -----a----- | -----a--a----- | ----- | -----a----- | -----a----- |
| Marbled White | ----- | ----- | ----- | ----- | ----- | ----- |
| Gatekeeper | ----- | ----- | -----b----- | ----- | ----- | ----- |
| Meadow Brown | ----- | ----- | -----b----- | ----- | -----a----- | ----- |
| Ringlet | ----- | ----- | ----- | ----- | -----a----- | ----- |
| Small Heath | ----- | ----- | ----- | ----- | ----- | ----- |

| 1kID | SU7881 | SU7889 |
|--------------------------------|-----------|--------------------------|
| IgnoranceHue | DarkGreen | DarkGreen |
| UTBstatus | Be | Bu |
| UTB_RoWL | 237.9 | 1807.2 |
| Diversity | 6 | 24 |
| Small Skipper ----- | | b--ccb---a-a-a----- |
| Essex Skipper ----- | | ---a----- |
| Large Skipper ----- | | c-eee-cbdccac----- |
| Brimstone -----a----- | | c--ede-bcccbc----b---- |
| Large White ----- | | c--dee--bcbb-c----- |
| Small White -----a----- | | b--ddc--bcacab----- |
| Green-veined White ----- | | c--ced-bbdbb-c----- |
| Orange-tip -----a-----c----- | | c--bcc--aaba-ba----- |
| Green Hairstreak ----- | | a--a-a----- |
| White-letter Hairstreak ----- | | ----- |
| Brown Argus ----- | | ---a----- |
| Common Blue ----- | | ---dcb-abbbaaa----- |
| Holly Blue -----a----- | | ---bed--cacb---a---a---- |
| Red Admiral ----- | | a--ecd-db-bca-a----- |
| Painted Lady ----- | | a--ba---a----- |
| Small Tortoiseshell ----- | | ---dba---baa----- |
| Peacock -----a----- | | d--eee-dcdcaaba----- |
| Comma ----- | | d--ede-bbccb-b----- |
| Silver-washed Fritillary ----- | | b--eed-dceddcdb----- |
| Speckled Wood ----- | | d--fff-eceedcdabba-a---- |
| Marbled White ----- | | d--ccc-a-cb--a----- |
| Gatekeeper -----a----- | | e--eee-c-dbbaaa----- |
| Meadow Brown ----- | | e--fff-d-eddcca----- |
| Ringlet ----- | | e--dee-c-ccbba----- |
| Small Heath ----- | | a-----a-a---a---- |