

**UK Summary of changes Table 2015.** Summary of species abundance changes in the UK from 2014 to 2015 and long-term (over the entire time series; no. yrs max = 40) and short-term (last 10-years) changes. Significance of trends: \* P < 0.05 (significant), \*\* P < 0.01 (highly significant), \*\*\*P < 0.001 (very highly significant). Red text has been used to highlight those species that had their worst year of the series in 2015, and blue text for those species that had their best year of the series in 2015.

Species	Start Year	No. years with Index in 2015	No. sites monitored in 2015	2015 rank	% change 2014-2015	Series trend (%)	10-year trend (%)
Swallowtail	1976	36	5	30	-65	66	23
Dingy Skipper	1976	40	325	10	0	-14	90*
Grizzled Skipper	1976	40	221	35	0	-39*	-5
Chequered Skipper	2003	9	19	8	14	-82***	-72*
Essex Skipper	1977	39	1102	29	7	-87***	16
Small Skipper	1976	40	2320	29	-8	-73***	121*
Lulworth Skipper	1992	24	14	14	-15	-72**	200
Silver-spotted Skipper	1979	37	36	9	-9	931***	53
Large Skipper	1976	40	2350	17	-19	-16	41
Wood White	1979	37	48	30	-10	-89***	41
Cryptic Wood White	N/A	N/A	6	N/A	N/A	N/A	N/A
Orange-tip	1976	40	2170	14	-21	10	66
Large White	1976	40	3530	25	59	-30	-20
Small White	1976	40	3533	33	4	-27	-1
Green-veined White	1976	40	3411	32	-40	-10	38
Clouded Yellow	1979	37	407	16	-68	728	-32
<b>Brimstone</b>	<b>1976</b>	<b>40</b>	<b>2122</b>	<b>1</b>	<b>7</b>	<b>8</b>	<b>37</b>
Wall	1976	40	1085	39	-44	-88***	-17
Speckled Wood	1976	40	3150	24	-29	76***	-5
Large Heath	1990	26	8	14	-19	249***	-56
Small Heath	1976	40	2133	33	-10	-56***	27
Mountain Ringlet	N/A	N/A	2	N/A	N/A	N/A	N/A
Scotch Argus	1979	37	109	28	15	153**	23
Ringlet	1976	40	3030	3	-19	378***	64
Meadow Brown	1976	40	3649	13	13	0	13
Gatekeeper	1976	40	2969	24	18	-39*	-6
<b>Marbled White</b>	<b>1976</b>	<b>40</b>	<b>1419</b>	<b>1</b>	<b>0</b>	<b>57*</b>	<b>62</b>
Grayling	1976	40	169	39	-38	-61***	-7
Pearl-bordered Fritillary	1976	40	116	24	4	-70***	87
Small Pearl-bordered Fritillary	1976	40	116	37	-17	-61***	5
Silver-washed Fritillary	1976	40	442	4	-5	153***	8
Dark Green Fritillary	1976	40	369	7	3	196***	6
High Brown Fritillary	1978	38	72	23	-43	-64*	46
White Admiral	1976	40	212	31	-19	-60***	-43
Purple Emperor	1979	37	70	26	-25	59	-32
Red Admiral	1976	40	834	23	-40	234**	-45
Painted Lady	1976	40	678	16	186	136	-88
Peacock	1976	40	3403	13	-21	19	33
Small Tortoiseshell	1976	40	3382	28	-44	-73***	216*
Comma	1976	40	2737	15	12	149***	-26
Marsh Fritillary	1981	35	107	26	-18	-16	-62
Glanville Fritillary	1989	24	10	11	67	-33	-75
<b>Heath Fritillary</b>	<b>1981</b>	<b>35</b>	<b>40</b>	<b>35</b>	<b>-16</b>	<b>-89***</b>	<b>-84***</b>
Duke of Burgundy	1979	36	96	18	-7	-40*	80*
<b>Small Copper</b>	<b>1976</b>	<b>40</b>	<b>2418</b>	<b>40</b>	<b>-24</b>	<b>-43*</b>	<b>-46</b>
Brown Hairstreak	1983	33	63	16	5	-13	-5
Purple Hairstreak	1976	40	664	32	8	-55*	-17
Green Hairstreak	1976	40	358	21	-9	-37*	-2
White-letter Hairstreak	1976	40	273	39	-12	-97***	-74*
Black Hairstreak	1995	20	9	4	141	-34	-78
Small Blue	1978	38	174	24	29	3	-19
Holly Blue	1976	40	2091	12	227	43	-31
Large Blue	1983	33	32	3	129	1306***	25
Silver-studded Blue	1979	37	73	23	12	12	-6
Brown Argus	1976	40	1158	23	-28	-24	8
Northern Brown Argus	1979	37	36	31	-4	-53*	19
Common Blue	1976	40	2816	21	-7	-18	30
Adonis Blue	1979	37	92	23	-2	158*	-46
Chalk Hill Blue	1976	40	181	23	-5	18	66