

**Country-level Summary of changes Table 2013.** Summary of species abundance changes for England, **Scotland** and **Wales** (where calculable) from 2012 to 2013 and long-term (over the entire time series; no. yrs max = 38 for England and **Wales**, 36 for **Scotland**) 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). *Note: some country-level changes are based on relatively small sample sizes and thus should be interpreted with caution.*

SPECIES	No. sites producing an index in 2013			% change in Collated Index 2012-2013			SERIES TREND			10-YEAR TREND		
	Eng	Scot	Wales	Eng	Scot	Wales	Eng	Scot	Wales	Eng	Scot	Wales
Small Skipper	635	-	44	103	-	108	-74***	-	-48	-36	-	93
Essex Skipper	571	-	1	53	-	N/A	-90**	-	N/A	-82**	-	N/A
Lulworth Skipper	14	-	-	162	-	-	-82***	-	-	-53	-	-
Silver-spotted Skipper	37	-	-	140	-	-	903***	-	-	-23	-	-
Large Skipper	1196	-	35	44	-	21	-19	-	-84***	-16	-	-51*
Dingy Skipper	251	2	5	-5	N/A	N/A	-21	N/A	N/A	57	N/A	N/A
Grizzled Skipper	183	-	-	-45	-	-	-36*	-	-	13	-	-
Swallowtail	12	-	-	115	-	-	90*	-	-	-16	-	-
Wood White	44	-	-	26	-	-	-86***	-	-	-56	-	-
Clouded Yellow	684	-	6	3881	-	N/A	5017	-	N/A	-87	-	N/A
Brimstone	1084	-	5	107	-	N/A	-19	-	N/A	-30	-	N/A
Large White	1586	93	85	367	176	133	-27	-4	-53**	4	-56	-32
Small White	1596	96	85	388	86	347	-17	10	-77***	12	-36	53
Green-veined White	1483	159	77	181	124	190	-15	16	75	17	77	176
Orange-tip	986	86	29	-19	-2	45	-10	177**	291***	31	82	27
Green Hairstreak	255	5	4	64	194	N/A	-48***	66	N/A	-44	-9	N/A
Brown Hairstreak	40	-	1	56	-	N/A	-19	-	N/A	-76**	-	N/A
Purple Hairstreak	394	-	8	107	-	N/A	-59*	-	N/A	-21	-	N/A
White-letter Hairstreak	160	-	2	80	-	N/A	-96***	-	N/A	-76*	-	N/A
Black Hairstreak	10	-	-	600	-	-	-52	-	-	-89	-	-
Small Copper	1175	72	58	35	-43	90	-30	-22	-54*	-20	6	-22
Small Blue	138	6	2	8	-7	N/A	17	171*	N/A	-24	171*	N/A
Silver-studded Blue	55	-	1	134	-	N/A	-26	-	N/A	-10	-	N/A
Brown Argus	638	-	2	221	-	N/A	-34	-	N/A	-34	-	N/A
Northern Brown Argus	32	8	-	35	-51	-	-66***	-79	-	-13	-98	-
Common Blue	1309	72	58	219	70	81	-24	29	-7	-28	-35	-18
Chalkhill Blue	171	-	-	78	-	-	26	-	-	77	-	-
Adonis Blue	73	-	-	70	-	-	194**	-	-	-23	-	-
Holly Blue	1080	1	32	-32	N/A	-78	18	N/A	-52	-60	N/A	-77*
Large Blue	28	-	-	-42	-	-	1704***	-	-	-11	-	-
Duke of Burgundy	79	-	-	3	-	-	-43**	-	-	24	-	-
White Admiral	186	-	-	64	-	-	-58***	-	-	-50	-	-
Purple Emperor	63	-	-	45	-	-	57	-	-	-19	-	-
Red Admiral	1442	99	67	-64	-79	31	183**	8827*	128	-12	-73	-19
Painted Lady	1185	73	49	167	-47	80	45	-76	-48	-88	-96	-87*
Small Tortoiseshell	1499	138	81	277	55	106	-78***	-44	-40	-30	41	44
Peacock	1531	117	74	196	104	182	5	142*	-51*	1	-55*	-18
Comma	1405	29	54	66	108	140	139***	-51	15	-26	-51	5
Small Pearl-bordered Fritillary	75	10	7	-4	5	-9	-33	-38	-24	25	-66*	89
Pearl-bordered Fritillary	73	3	12	-55	N/A	74	-54**	N/A	171*	-2	N/A	72
High Brown Fritillary	56	-	9	129	-	990	-64*	-	-8	-75*	-	-33
Dark Green Fritillary	271	21	12	73	120	147	401***	-28	-84***	16	111*	29
Silver-washed Fritillary	365	-	7	105	-	151	142***	-	-86**	-1	-	149
Marsh Fritillary	55	-	20	95	-	272	-71*	-	-79**	-76	-	-44
Glanville Fritillary	7	-	-	-85	-	-	-48	-	-	1150	-	-
Heath Fritillary	27	-	-	10	-	-	-85***	-	-	-82***	-	-
Speckled Wood	1491	31	72	74	48	90	90***	24	120***	-10	44	-31
Wall Brown	510	5	36	104	118	476	-88***	-31	-38	-59	-67*	39
Scotch Argus	9	38	-	71	-28	-	-61**	34	-	-29	49	-
Marbled White	786	-	2	45	-	N/A	28	-	N/A	-17	-	N/A
Grayling	128	6	7	40	45	447	-38**	-69***	-84***	48	-50	257*
Gatekeeper	1474	-	69	30	-	31	-48**	-	36	-61**	-	-47*
Meadow Brown	1584	125	18	4	47	-46	-2	-11	46	-24	-70**	7
Small Heath	944	89	48	22	9	44	-63***	149**	15	6	-48*	14
Large Heath	3	6	-	N/A	-100	-	N/A	-100	-	N/A	-100	-
Ringlet	712	119	64	58	45	164	323***	73*	77**	49	-6	84