

Seasonal distribution of butterfly species with its population peaks and troughs divides them into 3 broad categories, giving insights into their ecology and life cycles :

1. Season-long – eg.



2. Summer specialists – eg.



BUTTERFLIES of the GULLY & WALCOMBE SLADE 2019

BMS (SOMERSET & BRISTOL SPECIES)

SITE NAME THE GULLY AND WALCOMBE SLADE RECORDER FOD+AG TEAM

YEAR 2019 DATE 1.4-30.6 WEEK NO. 1-13 DATE 1.7-29.9 WEEK NO. 14-26



WEEK NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	SIGHTINGS	SEASON %		
Small skipper												2	2			1	1										6	16		
Large skipper										2					2												4	8		
Dingy skipper																	1										1	4		
Grizzled skipper																														
Wood white																														
Clouded yellow																														
Brimstone	10	3	2	1		3		3	2									1		1							26	36		
Large white	2		1	1	3		2	3	9			3	1	4		25	4	1	5	11	4	3			6	88	72			
Small white		1	1	8	9	4	2	3	2			3	5	13	13	20	4	18	7	23	2	21	1			171	80			
Green-veined white												1	4				3										17	28		
Orange tip	4	6	8	10	11	4	7		1																		51	32		
Green hairstreak																														
Purple hairstreak																														
Brown hairstreak																														
White-letter hairstreak																														
Small copper													1										1				2	8		
Small blue																											2	4		
Brown argus																														
Common blue									3	1		1	1	1				11	5	4		8	1				36	40		
Chalkhill blue																														
Holly blue			1	3			2	2	4								1				4						17	28		
Large blue																														
Duke of burgundy																														
White admiral																														
Red admiral	5									1		1			1						1		2				11	24		
Painted lady																		18	3	3	3	2					30	24		
Small tortoiseshell	2																1										3	8		
Peacock		5				2									2		1			4							14	20		
Comma	1	2	1	1	2	3	2								1	2							1				16	40		
Small pearl-bordered fritillary																														
High brown fritillary																														
Dark green fritillary																														
Marsh fritillary																														
Silver-washed fritillary												1		1	4	1	7	13	4	5	3						39	36		
Heath fritillary																														
Speckled wood	3	5	5			3	3	5	1			1		2		8	12	4	4	4	3	1	2	12			86	76		
Wall																														
Marbled white												4	24	28	10	14	13											93	24	
Grayling																														
Gatekeeper															4	12		8	8	2	3							37	24	
Meadow brown												7	7	24	5	3	9	6	6	2	3							72	40	
Ringlet												3	29	28	8	1	2			1								71	28	
Small heath																														
Checkered skipper															1													1	4	
Essex skipper															1													1	4	
TOTAL - Butterflies	32	20	19	29	25	16	18	14	28	5	NR	15	45	93	70	55	85	96	39	56	35	44	9	23	19	NR	890			
TOTAL - species	7	6	7	7	4	5	6	5	8	4		5	11	9	12	9	13	11	9	14	8	8	5	2	3					
UMUL - TOT. - species	7	9	10	10	10	10	10	10	12	13		17	20	21	23	23	24	24	24	25	25	25	25	25	25			25		
WEEK NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	SIGHTINGS	AVERAGE SUNSHINE		
% SUNSHINE/TEMP.	100	68	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	76	22.5

NOTES: Recording sheet has been modified to adapt it for summarising season's data.

- Column numbers are now survey week numbers, not transect section numbers.
- Blocks indicate species presence in transect in that week.
- Numbers in blocks refer to numbers of insects in whole transect.
- Column total refer to number of different species seen in that week.
- Number in final "Total" column refers to total number of species seen in the season.
- Sightings refers to number of individuals of that species recorded in the season.
- Season % refers to proportion of weeks / 26 week season when species was present.

3. Spring & Autumn – e.g.



Seasonal distribution of butterfly species with its population peaks and troughs divides them into 3 broad categories, giving insights into their ecology and life cycles :

1. Season-long – eg.



2. Summer specialists – eg.



BUTTERFLIES of CLIFTON & DURDHAM DOWN 2019

BMS (SOMERSET & BRISTOL SPECIES)

SITE NAME CLIFTON-DURDHAM DOWN - BRISTOL

RECORDER FOD+AG TEAM

YEAR 2019 DATE 1.4 - 30.6 WEEK NO. WK 1 - 1st April etc. WK 2 - 8th April etc. 1-13

DATE 1.7-29.9 WEEK NO. WK 1 - 1st April etc. WK 2 - 8th April etc. 14-26



WEEK NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	SIGHTINGS	SEASON	
Small skipper															4												4	4	
Large skipper																												4	4
Dingy skipper																													
Grizzled skipper																													
Wood white																													
Clouded yellow																													
Brimstone			1																1									2	8
Large white						2	1		3						3	5			2	1	2	1	1	2	5		28	18	
Small white			1	1					1					9	1	1	10	7	1		4	5	3		2		48	52	
Green-veined white																													
Orange tip			3	3		1			1																			8	16
Green hairstreak																													
Purple hairstreak																													
Brown hairstreak																													
White-letter hairstreak																													
Small copper																													
Small blue																													
Brown argus																												1	1
Common blue											3	1							2	12	8						26	20	
Chalkhill blue																												10	24
Holly blue																													
Large blue																													
Duke of burgundy																													
White admiral																													
Red admiral																													
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Wall																													
Marbled white																													
Grayling																													
Gatekeeper																													
Meadow brown																													
Ringlet																													
Small heath																													
Essex Skipper																													
TOTAL - Butterflies	3	3	12	14	6	5	4	3	13	28	0	28	16	148	89	51	44	31	49	30	9	9	14	13	58	12	692		
TOTAL - species	2	1	6	3	2	3	2	1	4	5	0	4	5	8	11	7	8	6	9	5	3	3	4	3	5	3	22		
CUMUL. TOT. - species	2	2	6	6	6	7	7	7	7	11	11	13	17	19	19	20	20	20	21	21	21	21	21	21	21	22	22		
WEEK NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	SIGHTINGS	AVERAGE SUNSHINE	
% SUNSHINE/TEMP.	90/17	85/18	25/17	25/22	80/19	95/15	95/22	50/20	75/24	45/19	5/16	80/22	100/24	89/23	50/34	70/19	99/32	50/24	82/21	45/19	100/27	100/34	80/17	100/20	95/19	84/17		75	21.5

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