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

1. Season-long - eg.





2. Summer specialists - eg.









(SOMERSET & BRISTOL SPECIES)

WEEK NO. W. 1 = 17-7 April

SITE NAME THE GULLY AND NALCOMBE SLADE

DATE (.4-30.6

RECORDER FOD+AG TEAM

DATE 1.7-29. 9



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	SIGH	ITING:	S SEAS
Small skipper												2	2			-1	1											6	16
Large skipper										2					2				1	_		-		1				4	
Dingy skipper												1								1	_	-		_					4
Grizzled skipper	1									1	1			1								1 .	- Device	1		1		The same	
Wood white	1			1			1		1		1								_					_					
Clouded yellow		i									1		1					4							-				-
Brimstone	10	1113	2	1		3	B	3	2																711			26	36
Large white	2		1	1 1	3		2	1 3	9				3	1	1		15	4	1 1	5	H	1			6			88	71
Small white			1	8	9	14	2	13	2					3	5	13	13	20	4	18	7	23	2	121			N.	171	80
Green-velned white									2		1			1	4	2	3		4		1	1	2	1		1		17	28
Orange tip	4	6	8	10	11	4	17		1																			51	32
Green hairstreak	1		1			1	T	1			1	1	1	1										1		1			I
Purple hairstreak	1					1					1		1	T			-						1						
Brown hairstreak	1					1																							
White-letter hairstreak	1					1								1												1			1
Small copper						1	1	1			1		1					1				-						2	8
Small blue	i	1	-		-	i	1		Contraction in	1	i	JA12 18 E.	110		1	1		i		i ii	7.50			1	70. 1	1	1000		
Brown argus	1	1	1	1	1	1		1			1									2	1				2			2	4
Common blue			+-	1	-	1	_	1	3	1		1000	DATE:					11	5	4	6	8						36	40
Chalkhill blue		1	+	1		1	1	1		-	1	1				-									1				
Holly blue		1	-	3		1	2	9	4	100	1	1	-	1			1			4		1						17	25
Large blue	-	+	-	-	-	1	-	-			1	_		-		1												-	
Duke of burgundy	1	1	-	-	-	-	-	-	1-	-					-	-			1		-	1	-	i	-	-			-
White admiral	or stories	-	-				-	1	-	-				in the same of		-						-	1.190	-	1-	-			
Red admiral	5		-	-								-	main	education of						0.2				1			-	/1	24
Painted lady	3	-	+	+	+	1	-	-	-		1-	-	-				-	18	3	-	2	2	-		1	1		30	29
Small tortoiseshell	2		+	+-	+	1	-	-	 	-	-	-	-	_	-		1	10		-		-		1	-	1		3	8
Peacock Peacock	-	5		-	-	2		-	-	1-	-	-	-			2		1.0		4			1	\vdash	1	1	1	14	20
Comma	-	2		-		2	1	-	-	-	-	-	-	_	-	-	20	-0.0						-	1	1-		16	40
Small pearl-bord.	1	12		-	+	1.5	16	-	-	-	-	-				-	-		-	-			1	-	+	+-	1-1	10	70
t was a second and the second and th			-	-		1	10000			-	-			· · · · · ·			+			1-0-076	1000						****	- 1	-
High brown fritillary	-	+-	-	+	+	-		-	-	-	 	-				-				-			1	-	-	+	+	-	
Dark green fritiliary	-	-	-	1	+	-	-	-	-	-		-	-			-			-			-	1	 		+	1 1	-	
Marsh fritillary		-	+	-	+		1	-	-	-	-	#154.2A		COLUMN TO A STATE OF	A CO	The Real Property	7	13	4	5	3			-	-	-	-	39	36
Silver-washed fritillary	-	+-	-	-	-	├	-	-		-	-				The Bearing			13		3	9		-	-	-	1	1	77	90
Heath fritillary	-	1 2	10		-	-		-			-		-	-	7		•	70		A	A		-	-	12	1	1	26	76
Speckled wood		13	5	5			3	3	5	100	-						8	12	4	4	4	3		2	110	-		20	/b
Wall	_	-	-	-	-			-						-			175			-		-	-	-			1	93	24
Marbled white		-	-	-	-	_	-					4	24	25	10	14	13	_	-	-			-	-				73	74
Grayling	_	-	-	-	-	_	-									10	/		-0	-	-	-	-	-	-	-		27	7.4
Gatekeeper		10	-	-	-		-								4	12	_	8	0	2	7	-	-	-	-	-		37	24
Meadow brown		-	-	-	_		-	-						24	5	3	9	6	6	2	3		-	-	-	-	-	72	40
Ringlet	_	-		-									3	28	28	8		2	_	2 1			-	-		-		71	28
Small heath			1												-						-		-		-	-	-	-	
heckered Skipper																				_							-	-	4
Essex Skipper					1										1							4 - 1		-			1	1 1	4
FOTAL - Butterflies	32		19		25	16	18	14	28	5	KR	15	45	93	70	55	85	96	59	56 :		44	9	23	19	NR	2	390	
TOTAL - species	7	6	7	7	4	5	6	5	8	4		5	"	9		-	-	11				8	5	1					
:UMUL. TOT species	7	9	10	10	10	(0	10	10	12	13		17	20	211	23	23	24	24	24	25	25	25	25	25	25			25	-
VEEK NUMBER	1	1 2	3	1 4	1 5	b	7	B	3	שני	77	12	13	14	_	76	17	78	79	20	21	22	23	24	25	26	SIGHT	INGS	AVERA
			-		_	-	-										- F					-			1750	1000	- MINISTER		2
% SUNSHINEIITEMP.	100	68	100	3074	2020	13 12	00 M	80 21	5424	10 18	0 18	90 21	10027	4) 23	25	22	14 31	1525	23	0221	23	10 21	75 18	20	26	MR			76 22

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.

BUTTERFLIES of the GULLY & WALCOMBE SLADE 2019









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

1. Season-long - eg.



2. Summer specialists - eg.









BMS (SOMERSET & BRISTOL SPECIES)

SITE MARGE CLIFTON - DURDHAM DOWN - BRISTOL

DATE 1.4 - 30.6

YEAR 2019

ISTOL

RECORDER

FODTAG TEAM

DATE 1.7-29.9

WEEK NO. WA 1 = 12-7 April on 14-

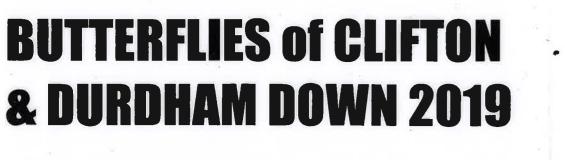


WEEK NUMBER		1	2	3	4	5	6	17	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	SIGI	HTING	S SEAS
Small skipper				1	1											4				1				-	-	-			4	4
Large skipper																	-	1	-	1	-	-	-	1-	-	-	1-	-	1	4
Dingy skipper							g.										_	1			-	-	-	-	-	1		-		
Grizzled skipper				1	1		-			The state of			1	1	l		1	1	1	1				1	1	1	The same of		-	
Wood white	-			1		1				1								-	-	_		-	-	1-	-	-	-	3	-	
Clouded yellow	7						1																_	-	-	-	1			-
Brimstone	. 1			1															100								1		12	8
Large white	Vĩ						2			3						3	5			2		12			12	5	4		28	18
Small white	A			1	B-	@						1		- 1	9	100 100	AL RE	PO	7			4		3	1	2	4	1	48	52
Green-veined white	1																													1
Orange tip	1			3	3		1		1	1	(4)	1				1	l			1			1	1		1		1		16
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Purple hairstreak	1	77.7								1		1											1						0.0	
Brown hairstreak	1					1						1													1	1		1		
White-letter hairstreak	+		7.7		1		1	1		1	1							1	1											
Small copper	7		-		1		1	1													1		I			1	1			l
Small blue	i			-	1		1	1	1	1	1 ~			1		1	1	1		1	1					1				
Brown argus	1		-	-	-	1	1	1	1																					14
Common blue				-	1	+	1	1	1	1	3		100						2	12	8						1		26	20
Chaikhili blue	4			-	+	+	+	+	-	-	-	1																		
Holly blue	H					T. P.	1	2		1	1		V								2				1				10	24
Large blue	4						1 -	-	-	-	_		-		-					1					1					
	-					-	1-		1-	-					-		-			i	1	-	1	i ***	1	1	1	1	-	1
Duke of burgundy					1		-		-	-	en near		merre		PART OF	20 72				1		1	i	1	1	i	1	1		
White admiral	H		*****		-		1-	-	-		-		-	100	-			100000000000000000000000000000000000000	1	i		1		1	4	1 (7)	A SHARE SHARE	1	23	16
Red admiral	+			-	-	+-	-	+-	-		-	-	-	2			8.0		1						1				2	4
Painted lady		-		-	+-	-	1-	+	-	-	-	-	-		-		-	1	1	i					Ì		2		3	4
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Silver-washed fritillary	+	_		_	-	-	-	-	-		-	-							-	-		-		-	-				-	10
Heath fritillary	V					-	_	-			-						5	~	5	2.4	4		GIA TO SERVICE	0	7	29		1	139	80
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Marbled white	1				-	-	-	-	-		6		6	4	32	12						-		-	-	1	-	-	AI	-1
Grayling	4					Lagy	-										10		A	0	3.0	Tik .		-		5		\vdash	77	32
Gatekeeper							_								15		18	1	1 3	9	15	3		-	-		-		172	44
Meadow brown			14						10		2		19	7	80	29	3	16		4		3		-	-	-	-		61	20
Ringlet	1					-	-	-						4	Trail !	31	16	2	-		-	-	-	-	-	-	-		3	12
Small heath	1			-		-	_	-	4						-12	2	2	3		-	-	-					-	1		A
Essex Skupper	+				-		-	-	-						State of															
TOTAL - Butterflies	1	3	3	12	14	6	5	4	3	13	28	٥	28			39	51				30	9	9	14	13	58	12		692	
TOTAL - species	1	2	1	6	3	12	3	2		4	5	0	4	5	8	11	7	8	6	9	5		3	4	-3-	5	3			
CUMUL. TOT species	7	2	2	6	6	6	17	17	17	7	11	11	11	13	17	19	19	20	20	21	21	4	21	21	21	21	22		22	
VEEK NUMBER	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		22	23	24	25	26	SIGHT	TINGS	AVERA
	ra	0 -	85		20	80	195	196	50 20	Mar	45.0	5 11	£0	100	19	80 10	70 10	98.	50 ,4	82 21	45,0	100,7	100 ad	8417			84 17			752
% SUNSHINE ITEMP.	1	17	18	25 17	25 22	19	1	22	30 20	1/24	1 19	16	22	4	-/23	24	19	32	4		14	-4			-0	13				

3. Spring & Autumn - e.g.

Blocks indicate species presence in transect in that week. Numbers in blocks refer to numbers of insects in whole transect

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Number in final "Total" column refers to total number of species seen in the season.

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