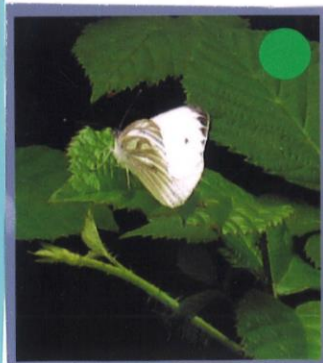
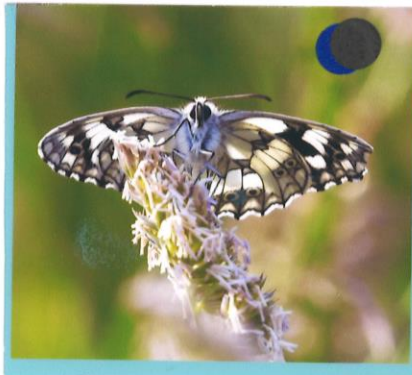


The Gully community also had a worrying season, with numbers and diversity of butterflies down. Compared with 2018, the former had declined by 49% and the latter by 17%. Here the species most affected were Orange Tips, Holly Blues and even Speckled Woods. The recent trend of community change from mixed to meadow habitat has continued under the influence of our browsing mini-herd of feral goats. This factor, in addition to increasingly unusual weather conditions, should now be the subject of a rigorous study of the herb layer plant community to ensure that a compensatory increase in its diversity and greater protection for its rare and endangered species *is* happening as evidence of the success of the restoration of a calcareous meadow habitat of which the goats are an integral part.

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														1	1	4										1	7	16																									
Large skipper															1	1						1					3	12																									
Dingy skipper																																																					
Grizzled skipper																																																					
Wood white																																																					
Clouded yellow																																																					
Brimstone			5	1		5	7		2								1	2			1	2				1	27	40																									
Large white						2	2		1			1	1	2	7	3		1	9		2	2		1	2	2	3	37	56																								
Small white			1	2		4	11			2	1			1	9	3	11	3		2	5	12	1	2	2	1	73	72																									
Green-veined white	●		1		1	1									1							1					9	24																									
Orange tip			2		2																						4	8																									
Green hairstreak									1																		1	4																									
Purple hairstreak																																																					
Brown hairstreak																																																					
White-letter hairstreak																																																					
Small copper																																																					
Small blue																																																					
Brown argus																																																					
Common blue																	3	1	6				3			1	14	20																									
Chalkhill blue																																																					
Holly blue					1	2	2								1				1								7	20																									
Large blue																																																					
Duke of burgundy																																																					
White admiral																																																					
Red admiral							1													1						1	3	12																									
Painted lady	●																																																				
Small tortoiseshell							7			2																1	10	12																									
Peacock		1	2		1									2	1	3	1	5	1								4	36																									
Comma													2	1	3	1	5	1									13																										
Small pearl-bordered frit.																																																					
High brown fritillary																																																					
Dark green fritillary																																																					
Marsh fritillary																																																					
Silver-washed fritillary														1	2		3	2	6				1				15	24																									
Heath fritillary																																																					
Speckled wood		1	2			8	8						5	1	1	7		3	5				5	6	3	3	1	59	60																								
Wall																																																					
Marbled white										2	1	8		9	9	2	1	1									33	32																									
Grayling																																																					
Gatekeeper															1		8	4	6	1							20	20																									
Meadow brown										1			11		2	3	1	5	1								24	28																									
Ringlet														5	15	8	8	2	2								40	24																									
Small heath																																																					
TOTAL - Butterflies	0	1	12	5	5	30	30	4	7	2	20	13	33	47	50	38	24	36	3	9	24	8	5	9	8	403																											
TOTAL - species	1	6	3	4	8	5		3	4	2	3	4	9	13	9	8	12	8	2	4	6	3	2	5	6																												
CUMUL. TOT. - species	1	6	7	10				11	13				15	17	19	20										20																											
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.	6	8	2	17	80	19	20	15	7	47	45	21	55	22	100	18	70	13	45	22	100	28	10	18	10	19	100	27	47	26	45	24	100	23	100	21	25	25	73	23	87	24	80	21	98	19	80	17	72	24		55	21

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.



BUTTERFLIES of the GULLY & WALCOMBE SLADE 2022