

2. Butterfly Survey results for Alners Gorse Reserve in 2006

Week	1	2	3	4	5	6	7	9	10	11	12	13	14	15	17	18	21	22	23	24	25	26	Alners Gorse		
Temperature °C	14	14	15	14	14	22	22	14	24	21	25	20	28	21	22	23	20	18	25	20					
Wind Force	3	3	2	0	4	1	1	3	4	2	1	2	1	5	3	3	3	5	4	2					
No. of Species	2	3	3	4	5	5	6	2	4	7	7	8	13	14	14	17	15	11	9	10	0	0			
Date	5-Apr	10-Apr	18-Apr	22-Apr	29-Apr	10-May	14-May	28-May	9-Jun	15-Jun	17-Jun	24-Jun	1-Jul	9-Jul	25-Mar	2-Aug	22-Aug	26-Aug	4-Sep	10-Sep			1st Brood	2nd Brood	Total
Small Skipper											1			65	15	8		2							91
Essex Skipper																									0
Lulworth Skipper																									0
Silver-sp Skipper																									0
Large Skipper									13	18	13	24	39	8											115
Dingy Skipper																									0
Grizzled Skipper																									0
Wood White																									0
Clouded Yellow																2		2			7				11
Brimstone	2		1	6	8	2	17		1							1							37	1	38
Large White						1	1			1			1		5	2			1	1	1				14
Small White						5				2			2	1	3	3		4	7	10	4				41
Green-veined White							1		1					2		3		3	2	7					19
Orange-tip							1																		0
Green Hairstreak																									0
Brown Hairstreak																1									1
Purple Hairstreak														2		1	5								8
White-l Hairstreak													12	7											0
Small Copper										1						1	4		1	2	9	10		1	27
Small Blue																									0
Silver-studded Blue																									0
Brown Argus																		1	1		3			0	5
Common Blue											1	3	1				6		4	8	3			5	21
Chalkhill Blue																									0
Adonis Blue																									0
Holly Blue																									0
Duke of Burgundy																									0
White Admiral												5	13	20											0
Red Admiral							1			1			2	2		2	3		1	1	1	2			16
Painted Lady											2					1	2		2			1			8
Small Tortoiseshell		2				1	1											2	3					4	5
Peacock			2	7	7	3										4								19	5
Comma	3	10	1	3	1								1	3				1	2	1	10			18	18
Small Pearl-b Frit																									0
Dark Green Frit																									0
Silver-washed Frit												2	19	50		11	16								98
Marsh Fritillary											2														2
Speckled Wood				1	11	11	8		6	10	9	7	5	1		3	6		47	39	24	26			214
Wall																								0	0
Marbled White													15	30	101		22								168
Grayling																									0
Gatekeeper													2	10		75	81		1						169
Meadow Brown										6	12	100	155	187		58	100		15	9	4	5			651
Ringlet											19	40	151		50	13									273
Small Heath																									0
Total	5	14	9	17		20	29		7	26	38	39	171	317		251	256		87	75	60	69	0	0	

We have left some gaps for you to fill in. For 2005 and 2006, add up the total numbers for these species and fill in the answer in the right hand column:

Orange Tip
White-letter Hairstreak
 and **White Admiral.**

The survey walks are carried out once a week from April 1st until September 30th as long as the weather is good enough. That makes 26 weeks. You can see that the top line gives you the week number from 1 – 26. A few of the weeks were not surveyed, as you can see from the gaps. The total numbers of butterflies seen in the weeks that were surveyed is given on the bottom line. The totals for **week 5** and **week 15** have been left out – add up the numbers in those columns to give the totals for those two weeks.

You should now be able to add up all the numbers along the bottom which will give you the **total number of butterflies for each of the two years**; this number goes in the bottom righthand corner.