BEE WALK: NORTHFIELD DA3 (HARTLEY / NEW ASH GREEN) 2017 REPORT

1 TQ605661 178 H25 Hedgerows H18 Agriculturally improved grassland used on 01/06/2017 following reassessment on 31/05/2017, (See below), 03-05-2017; Zmembers seamined the area. The weather was cloudy, coll & damp, so no bose seen, but we agreed a transerd, a registered it on the national See Water the value of the world at least 5 species + some unidentified, as expected, our handling & 10 skills needed much improvement, but we were encouraged by our results it took twice so long as estimated to what the route, & the woodland sections produced no Bumblebee splittings, so we decided for rows the transect if possible. As it had already been submitted online, we emaile the BBCT, & Hend Dickinson, (surveys, & GIS Officer), kindly simply word grassland move for revisions. 28-06-2017: Warm & Sumny, moderate wind, 6. species found + 4 unidentified, but numbers low-nothing seen in section 5. 1, 2, 3, & 4 28-06-2017: Warm & Sumny, moderate wind. Good conditions, a total of 5 bees observed, all Common Carder, 13-09-2017; was moved area. 9 bees seen in total of 5 bees observed, all Common Carder, 12-09-2017; Autumn colours now in evidence. Good conditions, calm & warm. Generally more flowers in the previously minored area of wild/lower meadow. Mad on Species seen (both B Pascurum in section 5. 1, 2, 3, & 4 28-08-2017; Varm & Sumny/ moderate wind. Good conditions but only 2 species + 2 unidentified; numbers very low & none at in sections 1, 2, 3, & 4 28-08-2017; Warm & Sumny, moderate wind. Good conditions but only 2 species + 2 unidentified; numbers in the previously minored area. 9 wild/lower meadow. Meadow sprayed on mould be control Rayword. The remaining un-moved area of wild/lower meadow. Meadow sprayed spours again wild be seen such that is described to the season, though wind slightly gusty. Only 2 bees were seen, 1 Common Carder. 1 Tree tumblebees the action should be seen will be seen to that it, a common Carder wind. Common Carder will be seed to the control Rayword. The remaining un-moved area of wild/lower	SITE GRID REF: TQ608664 (Centre of yellow outlined square)	Section	Grid Ref	(m)	Habitat	Land Use
N.B. Original route & sections revised on 01/06/2017 following reassessment on 31/05/2017. (See below). O3-05-2017: 2 members examined the area. The weather was cloudy, coil & damp, so no bees seen, but we agreed a transect, & registered it on the national size walks its, with some section details still to be decided/proceedd. 31-05-2017: Weathermated our 1st 'proper' see Walk; a warm, pleasant day, We found it tricky but stimulating, & recorded at least 5 species + 5 unidentified sightings, so we decided to revise the transect of possible. As it had already been submitted online, we emailed the BBCT, & Helen Dickinson, (Surveys & Gis Officer), kindly made the revisions. 28-06-2017: Cloudy; Heavy overlight train-few flowers open, 5 species + 6 unidentified sightings, but numbers low nothing seen in section 4. 34-07-2017: Warm & Sunny, moderate wind, 6 species found + 4 unidentified; sightings, but numbers small. Nothing seen in sections 1, 2, 3, & 4 29-08-2017: Very warm; a little cloud. Only 2 lamblebees seen flooth B. Pascuorum in section 5). Very disappointing, 13-09-2017: Gusty & mixed sunny/cloudy conditions, a land warm. Generally more flowers in the previously moved area. 9 bees seen in total, 6 Common Carder, 1 White Tailed & 2 unidentified; probably Common Carder. 70-09-2017: Warm was been such of the common Carder & Tree maining un-mowed orce of windflower meadow had also been completely mowed! 10-09-2017: Watumn now well advanced with faller leaves etc. Conditions, coal of warm. Generally more flowers in the previously moved area. 9 bees seen in total, 6 Common Carder & 1 Tree submitted (probably Common Carder). 70-09-2017: Autumn now well advanced with faller leaves etc. Conditions, coal of this late stage in the season, though wind slightly gusty, Only 2 bees were seen, 1 Common Carder & 1 Tree submitche. The area mowed on 18-07-2017 was now showing some flowers again, but not that mowed in submitchee. The area mowed on 18-07-2017 was now showing some flowers again, but not that mowed in sub	All Saints Harriey	1	TQ605661	178	Hedgerows H18 Agriculturally improved	L6 Outdoor amenity & Open Spaces. Grass area belonging to 'Milestones' School used as
N.B. Original route & sections revised on 01/06/2017 following reassessment on 31/05/2017. (See below). 03-05-2017: 2 members examined the area. The weather was cloudy, cold & damp, so no bees seen, but we agreed a transect, & registered it on the national Bee Walk; at warm, pleasant day. We found it tricky but stimulating, & recorded at least 5 species + some unidentified. As expected, our handling & 10 skills needed much improvement, but we were encouraged by our results! It took twice as long as estimated to walk the route, & the woodland seel online, we emailed the BBCT, & Helen Dickinson, (Surveys & GIS Officer), kindly made the revisions. 28-06-2017: Usuny & Very windy, but some areas well sheltered. The annual hay mow was in progress. Numbers low and 3 species + 3 unidentified sightings were seen. 18-07-2017: Sumny & Very windy, but some areas well sheltered. The annual hay mow was in progress. Numbers low and 3 species + 3 unidentified sightings were seen. 19-08-2017: Warm & Sunny, moderate wind. 6 species found + 4 unidentified, but numbers small. Nothing seen in sections 1, 2, 3, & 4 29-08-2017: Very warm; a little cloud, Only 2 Bumblebees seen (both B.Pascuorum in section 5). Very disappointing. 13-09-2017: Autumn colours now in evidence. Good conditions, calm & warm. Generally more flowers in the previously mowed area. 9 bees seen in total, 6 Common Carder, 1 White Tailed & 2 unidentified (probably Common Carder). The remaining un-mowed area of wildflower meadow had also been completely mowed wind slightly gusty. Only 2 bees were seen, 1 Common Carder 1 Tree Bumblebee. The area mowed on 18-07-2017 was now showing some flowers again, but not that mowed just before 26-09-2017.		2	TQ607662	142	Agriculturally improved grassland H25	Spaces. Grassland used as play area.
transect, & registered it on the national Bee Walk site, with some section details still to be decided/recorded. 3.1-5-2017: We attempted our 1st 'proper' Bee Walk, a warm, pleasant day. We found it tricky but stimulating, & recorded at least 5 species + some unidentified. As expected, our handling & ID skills needed much improvement, but we were encouraged by our results! It took twice as long as estimated to walk the route, & the woodland sections produced no Bumblebee sightings, so we decided to revise the transect if possible. As it had already been submitted online, we nemaled the BBCT, & Helen Dickinson, (Surveys & GIS Officer), kindly made the revisions. 28-06-2017: Cloudy; Heavy overnight rain –few flowers open. 5 species + 6 unidentified sightings, but numbers low-onothing seen in section 4. 18-07-2017: Sunny & Very windy, but some areas well sheltered. The annual hay mow was in progress. Numbers low & only 3 species + 3 unidentified sightings were seen. 11-09-2017: Warm & Sunny, moderate wind. 6 species found + 4 unidentified, but numbers small. Nothing seen in sections 1, 2, 3, & 4 29-08-2017: Very warm, a little cloud. Only 2 Bumblebees seen (both B.Pascuorum in section 5). Very disappointing. 13-09-2017: Gusty & mixed sunny/cloudy conditions. A total of 6 bees observed, all Common Carder. 29-08-2017: Autumn colours now in evidence. Good conditions, calm & warm. Generally more flowers in the previously mowed area. 9 bees seen in total, 6 Common Carder, 1 White Tailed & 2 unidentified (probably Common Carder). The remaining un-mowed area of wildflower meadow had also been completely mowed! 24-10-2017: Autumn now well advanced with fallen leaves etc. Conditions good for this late stage in the season, though wind slightly gusty. Only 2 bees were seen, 1 Common Carder, 1 Three Bumblebee. The area mowed on 18-07-2017 was now showing some flowers again, but not that mowed just before 26-09-2017:		3	TQ608662	142	Agriculturally improved grassland H25	Spaces. L1 Agriculture. Grassland mown for hay
28-06-2017: Cloudy; Heavy overnight rain —few flowers open. 5 species + 6 unidentified sightings, but numbers lownothing seen in section 4. 18-07-2017: Sunny & Very windy, but some areas well sheltered. The annual hay mow was in progress. Numbers low & only 3 species + 3 unidentified sightings were seen. 10-08-2017: Warm & Sunny, moderate wind. 6 species found + 4 unidentified, but numbers small. Nothing seen in sections 1 & 7. 15-08-2017: Warm & Sunny / moderate wind. Good conditions but only 2 species + 2 unidentified; numbers very low & none at in sections 1, 2, 3, & 4 29-08-2017: Very warm; a little cloud. Only 2 Bumblebees seen (both B.Pascuorum in section 5). Very disappointing. 13-09-2017: Gusty & mixed sunny/cloudy conditions. A total of 6 bees observed, all Common Carder. 26-09-2017: Autumn colours now in evidence. Good conditions, calm & warm. Generally more flowers in the previously mowed area. 9 bees seen in total, 6 Common Carder, 1 White Tailed & 2 unidentified (probably Common Carder). The remaining un-mowed area of wildflower meadow had also been completely mowed! 24-10-2017: Autumn now well advanced with fallen leaves etc. Conditions good for this late stage in the season, though wind slightly gusty. Only 2 bees were seen, 1 Common Carder & 1 Tree Bumblebee. The area mowed on 18-07-2017 was now showing some flowers again, but not that mowed just before 26-09-2017.	transect, & registered it on the national Bee Walk site, with some section details still to be decided/recorded. 31-05-2017: We attempted our 1st 'proper' Bee Walk; a warm, pleasant day. We found it tricky but stimulating, & recorded at least 5 species + some unidentified. As expected, our handling & ID skills needed much improvement, but we were encouraged by our results! It took twice as long as estimated to walk the route, & the woodland sections produced no Bumblebee sightings, so we decided to revise the transect if possible. As it had already been submitted	4	TQ610662	259	Agriculturally improved	Spaces. L1 Agriculture. Grassland mown for hay
only 3 species + 3 unidentified sightings were seen. 01-08-2017: Warm & Sunny, moderate wind. 6 species found + 4 unidentified, but numbers small. Nothing seen in sections 1 & 7. 15-08-2017: Warm & Sunny / moderate wind. Good conditions but only 2 species + 2 unidentified; numbers very low & none at in sections 1, 2, 3, & 4 29-08-2017: Very warm; a little cloud. Only 2 Bumblebees seen (both B.Pascuorum in section 5). Very disappointing. 13-09-2017: Gusty & mixed sunny/cloudy conditions. A total of 6 bees observed, all Common Carder. 26-09-2017: Autumn colours now in evidence. Good conditions, calm & warm. Generally more flowers in the previously mowed area. 9 bees seen in total, 6 Common Carder, 1 White Tailed & 2 unidentified (probably Common Carder). The remaining un-mowed area of wildflower meadow had also been completely mowed! 24-10-2017: Autumn now well advanced with fallen leaves etc. Conditions good for this late stage in the season, though wind slightly gusty. Only 2 bees were seen, 1 Common Carder & 1 Tree Bumblebee. The area mowed on 18-07-2017 was now showing some flowers again, but not that mowed just before 26-09-2017.	28-06-2017: Cloudy; Heavy overnight rain –few flowers open. 5 species + 6 unidentified sightings, but numbers low - nothing seen in section 4.	5	TQ608664	288	Broadleaved Woodland	_
13-09-2017: Gusty & mixed sunny/cloudy conditions. A total of 6 bees observed, all Common Carder. 26-09-2017: Autumn colours now in evidence. Good conditions, calm & warm. Generally more flowers in the previously mowed area. 9 bees seen in total, 6 Common Carder, 1 White Tailed & 2 unidentified (probably Common Carder). The remaining un-mowed area of wildflower meadow had also been completely mowed! 24-10-2017: Autumn now well advanced with fallen leaves etc. Conditions good for this late stage in the season, though wind slightly gusty. Only 2 bees were seen, 1 Common Carder & 1 Tree Bumblebee. The area mowed on 18-07-2017 was now showing some flowers again, but not that mowed just before 26-09-2017.	only 3 species + 3 unidentified sightings were seen. 01-08-2017: Warm & Sunny, moderate wind. 6 species found + 4 unidentified, but numbers small. Nothing seen in sections 1 & 7. 15-08-2017: Warm & Sunny / moderate wind. Good conditions but only 2 species + 2 unidentified; numbers very low & none at in sections 1, 2, 3, & 4	6	TQ606666	681	Agriculturally improved grassland	Spaces Fringe of wild flower meadow. Meadow sprayed
	13-09-2017: Gusty & mixed sunny/cloudy conditions. A total of 6 bees observed, all Common Carder. 26-09-2017: Autumn colours now in evidence. Good conditions, calm & warm. Generally more flowers in the previously mowed area. 9 bees seen in total, 6 Common Carder, 1 White Tailed & 2 unidentified (probably Common Carder). The remaining un-mowed area of wildflower meadow had also been completely mowed! 24-10-2017: Autumn now well advanced with fallen leaves etc. Conditions good for this late stage in the season, though wind slightly gusty. Only 2 bees were seen, 1 Common Carder & 1 Tree Bumblebee. The area mowed on 18-07-2017 was	7	TQ606664	199	Agriculturally improved grassland H25	Spaces. L1 Agriculture. Grassland mown for hay

NORTHFIELD DA3 - 2017 SURVEY RESULTS

Date >>>	31/05/2017								28/06/2017								18/07/2017								/08/	201	7			15/08/2017									
Wind Speed (Beaufort Scale) >>>	2						2								5									3					3										
Temperature (°C)>>>	22°C										15°0	2			25°C							23°C								22°C									
Weather Conditions: >>>			C	loud	y					(loud	ly					,	Sunr	ny						Sun	ny				Sunny									
SECTIONS >>>	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	ι :	2	3	4	5	6	7			
B.Hypnorum (Tree)	6		25										1											1															
B.Lapidarius (Red Tailed)	1		2			19																	2																
B.Lucorum (White Tailed)	2																						2												1				
B.Lucorum/Terrestris Workers	5					2			3	2						1			6	2			1																
B.Pascuorum (Common Carder)								1											1				2													1			
B.Species Unidentified			11			2			1			1				1				2			2		1	1	1							1	1				
Total Bumblebees seen	14	0	38	0	0	23	0	1	4	2	0	1	1	0	0	2	0	0	7	4	0	0	9	1	1	1	1	0	0) /	0	0	0	1	2	1			
No of Bumblebee Species	4	0	3	0	0	3	0	1	2	1	0	1	1	0	0	2	0	0	2	2	0	0	5	1	1	1	1	0	0) /	0	0	0	1	2	1			
Apis Mellifera (Honey Bee)						1							1				2						1																
		((Origin	al Tra	ansec	t)										(/	Annu	al Ha	у Мо	w)																			
Date >>>			20/	08/2	017			13/09/2017								26/09/2017							24/10/2017																
Wind Speed (Beaufort Scale) >>>			231	1	017					13,	3	.017					20/		3																				
Temperature (°C)>>>				29°C	,						17°C								18°C																				
Weather Conditions: >>>			Sunn			v			٠,		y / C		łv						Cloudy / Occasional sun																				
SECTIONS >>>	1	2	3	4	1	6	7	1	2		4		-	7	1	2	3	Sunr 4	5	6	7	1	2	3	4														
B.Hypnorum (Tree)																											1												
B.Lapidarius (Red Tailed)																																							
B.Lucorum (White Tailed)																				1																			
B.Lucorum/Terrestris Workers						•								ļ			Ì								-		<u> </u>												
B.Pascuorum (Common Carder)					5					1	1	1	2					2		4						İ	1		<u>-</u>										
B.Species Unidentified							<u> </u>		<u> </u>				1			1	<u> </u>	1		<u> </u>	†																		
·																									1				<u> </u>										
Total Bumblebees seen	0	0	0	0	5	0	0	0	0	1	1	1	3	0	0	1	0	3	0	5	0	0	0	0	0	0	2	0											
No of Bumblebee Species	0	0	0	0	1	0	0	0	0	1	1	1	2	0	0	1	0	2	0	2	0	0	0	0	0	0	2	0											
Apis Mellifera (Honey Bee)																																							
																(Se	cond	Area	Mov	wed)																			

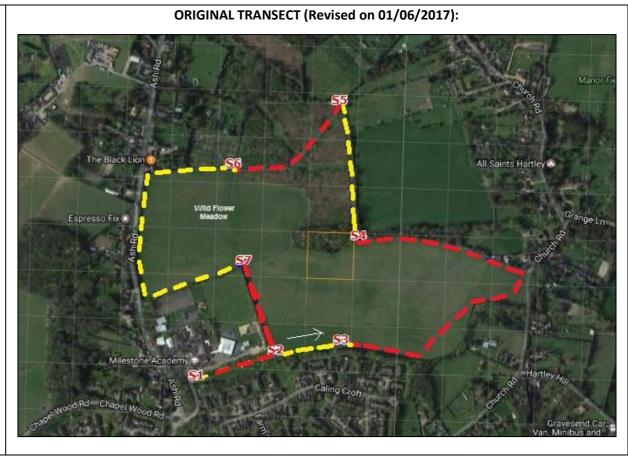
CONCLUSIONS:

We feel that a good start was made to our 1st season, but are not able to draw any significant conclusions, partly due to our lack of expertise. Results indicated the presence of at least 5 of the 'Big Seven' bumblebee species, (i.e. the most common British species), plus Honeybees, although a fall-off in numbers after the annual hay mow on 18/08/2017 was noticeable. Most of the higher numbers observed during the early part of the year were from the margins of the area, where brambles were in flower. We look forward to continuing our surveys & increasing our accuracy in 2018.

ADDITIONAL INFORMATION:

NORTHFIELD DA3 - LOCATION:





(Surveys made by C Hague-Smith, P Allen & L Rolph; Records & Report by Chris Hague-Smith)