



APPENDIX 7-3

SUMMARY DATA



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Table 7-3- 1 Summary of vantage point records - Dark grey cells indicate non-surveyed months

Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
Black-headed Gull	2018	number of observations							1						1	
		flight duration (seconds)							0							0
		bird seconds at PCH							0							0
	2019	number of observations														0
		flight duration (seconds)														0
		bird seconds at PCH														
	2020	number of observations						1								1
		flight duration (seconds)						60								60
		bird seconds at PCH						60								60
	2021	number of observations														0
		flight duration (seconds)														0
		bird seconds at PCH														0
	2022	number of observations														0
		flight duration (seconds)														0
		bird seconds at PCH														0
2023	number of observations							1				0	0	0	1	
	flight duration (seconds)							40				0	0	0	40	
	bird seconds at PCH							40				0	0	0	40	
Buzzard	2018	number of observations						3	1		1	3			8	
		flight duration (seconds)						710	0		60	180			950	
		bird seconds at PCH						1010	0		10	180			1200	
	2019	number of observations	11	2	2	1	1	1	1	1	1	4	1			25
		flight duration (seconds)	0	260	75	200	190	75	272	270	345	70				1757
		bird seconds at PCH	0	500	97.5	175	190	18.75	272	270	945	17.5				2485.75
	2020	number of observations		2	3				8	6	2		1	1		23
		flight duration (seconds)		260	1090				945	285	20		0	0		2600
		bird seconds at PCH		302.5	2525				1113.75	183.75	16.25		0	0		4141.25
2021	number of observations	1	2	8	1	1	2	3	3	1		1	2	1	23	
	flight duration (seconds)	0	150	885	90	315	580	90	10			150	70	30	2370	



Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	2022	bird seconds at PCH	0	120	468.75	82.5	630	1480		10		127.5	58.75	26.25	3003.75	
		number of observations	1	1	2		3	1	3	3		1	0	1	16	
		flight duration (seconds)	45	235	675		386	120	398	11				100	1970	
		bird seconds at PCH	33.75	146.25	922.5		341.25	120	575	2.75				100	2241.5	
	2023	number of observations		1		2	5	9	2	6						25
		flight duration (seconds)		0		20	1539	640	510	323						3032
		bird seconds at PCH		0		5	582.75	235.5	76.25	184.25						1083.75
	Golden Plover	2018	number of observations													0
			flight duration (seconds)													
bird seconds at PCH																0
2019		number of observations														0
		flight duration (seconds)														0
		bird seconds at PCH														0
2020		number of observations														0
		flight duration (seconds)														0
		bird seconds at PCH														0
2021		number of observations											1			1
		flight duration (seconds)											25			25
		bird seconds at PCH											0			0
2022		number of observations														0
		flight duration (seconds)														0
		bird seconds at PCH														0
2023	number of observations														0	
	flight duration (seconds)														0	
	bird seconds at PCH														0	
Goshawk	2018	number of observations													0	
		flight duration (seconds)													0	
		bird seconds at PCH													0	
	2019	number of observations													0	



Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
		flight duration (seconds)													0	
		bird seconds at PCH														0
		number of observations	1													1
	2020	flight duration (seconds)	45													45
		bird seconds at PCH	11.25													11.25
		number of observations														0
	2021	flight duration (seconds)														0
		bird seconds at PCH														0
		number of observations														0
	2022	flight duration (seconds)														0
		bird seconds at PCH														0
		number of observations														0
	2023	flight duration (seconds)														0
		bird seconds at PCH														0
		number of observations														0
Grey Wagtail	2018	flight duration (seconds)													0	
		bird seconds at PCH													0	
		number of observations													0	
	2019	flight duration (seconds)						1								1
		bird seconds at PCH						0								0
		number of observations						0								0
	2020	flight duration (seconds)						1	1	1						3
		bird seconds at PCH						0	0	0						0
		number of observations						0	0	0						0
	2021	flight duration (seconds)		1	1				1							3
		bird seconds at PCH		0	0				0							0
		number of observations		0	0				0							0
	2022	flight duration (seconds)														0
		bird seconds at PCH														0
		number of observations														0



Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	2023	number of observations									1				1	
		flight duration (seconds)										40				40
		bird seconds at PCH										0				0
Hen Harrier	2018	number of observations					2	1			1			1	5	
		flight duration (seconds)					197	25			140			48	410	
		bird seconds at PCH					49.25	0						12	61.25	
	2019	number of observations		4	6	7	1	13	13		5	1	1	1	52	
		flight duration (seconds)		55	770	807	0	220	517		400	0	0	0	2769	
		bird seconds at PCH		32.5	725	573	0	66.25	133.5		332.5	0	0	0	1862.75	
	2020	number of observations		1			2				1			7	11	
		flight duration (seconds)		0			235				540			60	835	
		bird seconds at PCH		0			0				0			0	0	
	2021	number of observations	3	2		1		2	1			1	1	1	12	
		flight duration (seconds)	105	240		65		70	900			112	320	225	2037	
		bird seconds at PCH	0	0		25		0	2700			3.75	20	18.75	2767.5	
	2022	number of observations	1	1	2	1	1					1		2	9	
		flight duration (seconds)	195	75	260	101	16					30		150	827	
		bird seconds at PCH	195	1.25	11.25	101	4					0		108.75	421.25	
2023	number of observations				6	3	1		2	1				13		
	flight duration (seconds)				1130	290	10		35	30				1495		
	bird seconds at PCH				450	11.25	0		0	0				461.25		
Kestrel	2018	number of observations					1		2	3	3	2		1	12	
		flight duration (seconds)					82		88	228	180	196		72	846	
		bird seconds at PCH					20.5		22	75	45	49		18	229.5	
	2019	number of observations	12	2	2	7		6	7	2	2	6		1	47	
		flight duration (seconds)	215	0	450	1440		1262	1131	1110	970	605		25	7208	
		bird seconds at PCH	53.75	0	262.5	930		758	711.25	1020	445	353.75		6.25	4540.5	
2020	number of observations	1	1	1		9	7	19	14	5	15	9	5	86		
	flight duration (seconds)	125	45	180		1175	510	1485	755	120	480	660	195	5730		



Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	2021	bird seconds at PCH	31.25	11.25	105		557.5	202.5	262.5	145	15	97.5	213.75	30	1671.25	
		number of observations	4	8	9	2	4	7	11	2	10	6	2	3	68	
		flight duration (seconds)	165	600	300	538	355	1652	1385	130	572	937	305	730	7669	
		bird seconds at PCH	63.75	232.5	71.25	377.5	190	854.25	1377.5	152.5	163	798	192.5	602.5	5075.25	
	2022	number of observations	1	3	4		2	3	15	2	2	5	2	3	42	
		flight duration (seconds)	218	595	670		107	873	2296	242	421	641	241	130	6434	
		bird seconds at PCH	218	486.25	527.5		92.75	723	1146.75	242	105.25	146.75	27.75	107.5	3823.5	
	2023	number of observations	5	4	1	2	5		8	8	2				35	
		flight duration (seconds)	800	254	180	140	1115		176	780	590				4035	
		bird seconds at PCH	710	49.75	45	15	795		143.25	98.75	262.5				2119.25	
	Meadow Pipit	2018	number of observations				2	1	3	2						8
			flight duration (seconds)				0	0	0	0						0
bird seconds at PCH						0	0	0	0						0	
2019		number of observations		2	3	4	4	3	4	1		2		1	24	
		flight duration (seconds)		0	0	0	0	0	0	0	0	0		0	0	
		bird seconds at PCH		0	0	0	0	0	0	0	0	0		0	0	
2020		number of observations	2		1		7	6	5	2	2	1	1	2	29	
		flight duration (seconds)	0		0		0	0	0	0	0	0	0	0	0	
		bird seconds at PCH	0		0		0	0	0	0	0	0	0	0	0	
2021		number of observations	2	3	3	5	3	3	2		4	3	2	3	33	
		flight duration (seconds)	0	0	0	0	0	0	0		0	0	0	0	0	
		bird seconds at PCH	0	0	0	0	0	0	0		0	0	0	0	0	
2022		number of observations	3	3	2	3	1	7	4	2	3	2	5	1	36	
		flight duration (seconds)	0	0	0	0	0	125	20	0	0	0	0	0	145	
		bird seconds at PCH	0	0	0	0	0	107.5	2.5	0	0	0	0	0	110	
2023	number of observations	2		3				2						7		
	flight duration (seconds)	0		72				0						72		
	bird seconds at PCH	0		31.5				0						31.5		
2018	number of observations													0		



Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
Peregrine Falcon		flight duration (seconds)													0	
		bird seconds at PCH														0
	2019	number of observations														0
		flight duration (seconds)														0
		bird seconds at PCH														0
	2020	number of observations							1							1
		flight duration (seconds)							30							30
		bird seconds at PCH							30							30
	2021	number of observations														0
		flight duration (seconds)														0
		bird seconds at PCH														0
	2022	number of observations									1					1
		flight duration (seconds)									12					12
		bird seconds at PCH									3					3
	2023	number of observations		1												1
flight duration (seconds)			20												20	
bird seconds at PCH			2.5												2.5	
Red Grouse	2018	number of observations									1				1	
		flight duration (seconds)									10				10	
		bird seconds at PCH									0				0	
	2019	number of observations			1		1									2
		flight duration (seconds)			0		0									0
		bird seconds at PCH			0		0									0
	2020	number of observations			1						1		3	1		6
		flight duration (seconds)			0						0		15	0		15
		bird seconds at PCH			0						0		0	0		0
2021	number of observations	3	1	2	1	1	1								9	
	flight duration (seconds)	15	15	15	0	0	0								45	
	bird seconds at PCH	0	0	0	0	0	0								0	



Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	2022	number of observations			1	3						1			5	
		flight duration (seconds)			0	10							0			10
		bird seconds at PCH			0								0			0
	2023	number of observations		1	1	2					1					5
		flight duration (seconds)		35	15	15					5					70
		bird seconds at PCH		0	0	0					0					0
Red Kite	2018	number of observations													0	
		flight duration (seconds)													0	
		bird seconds at PCH													0	
	2019	number of observations											1			1
		flight duration (seconds)											330			330
		bird seconds at PCH											330			330
	2020	number of observations														0
		flight duration (seconds)														0
		bird seconds at PCH														0
	2021	number of observations														0
		flight duration (seconds)														0
		bird seconds at PCH														0
	2022	number of observations														0
		flight duration (seconds)														0
		bird seconds at PCH														0
2023	number of observations														0	
	flight duration (seconds)														0	
	bird seconds at PCH														0	
Redwing	2018	number of observations											4	4	8	
		flight duration (seconds)											0	0	0	
		bird seconds at PCH											0	0	0	
	2019	number of observations			1										1	
		flight duration (seconds)			0										0	



Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	2020	bird seconds at PCH			0										0	
		number of observations											1		1	2
		flight duration (seconds)											0		0	0
		bird seconds at PCH											0		0	0
	2021	number of observations	1													1
		flight duration (seconds)	0													0
		bird seconds at PCH	0													0
	2022	number of observations											2	1		3
		flight duration (seconds)											0	0		0
		bird seconds at PCH											0	0		0
	2023	number of observations														0
		flight duration (seconds)														0
bird seconds at PCH															0	
Snipe	2018	number of observations													0	
		flight duration (seconds)													0	
		bird seconds at PCH													0	
	2019	number of observations	3				1									4
		flight duration (seconds)	0				0									0
		bird seconds at PCH	0				0									0
	2020	number of observations		1									4	3	5	13
		flight duration (seconds)		0									195	90	225	510
		bird seconds at PCH		0									726.25	210	255	1191.25
	2021	number of observations	2									1				3
		flight duration (seconds)	60									150				210
		bird seconds at PCH	120									105				225
	2022	number of observations											3		1	4
		flight duration (seconds)											92		15	107
		bird seconds at PCH											362.5		2.5	365
2023	number of observations		5	1							2				8	



Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
		flight duration (seconds)		75	35						35				145	
		bird seconds at PCH		0	6.25							37.5				43.75
Sparrowhawk	2018	number of observations				3		2		2	1				8	
		flight duration (seconds)				150		210		101	25				486	
		bird seconds at PCH				13.75		210		37.25	1.25				262.25	
	2019	number of observations	5	1					1		1	2	1		11	
		flight duration (seconds)	57	0					8		25	770	25		885	
		bird seconds at PCH	0	0					0		6.25	642.5	6.25		655	
	2020	number of observations			1		2	1	1	1	1	2	1	1	1	11
		flight duration (seconds)			100		150	90	90	60	235	30	90	60	905	
		bird seconds at PCH			100		52.5	45	22.5	60	33.75	0	45	15	373.75	
	2021	number of observations		1	1								1		3	
		flight duration (seconds)		60	90								270		420	
		bird seconds at PCH		48.75	90								230		368.75	
	2022	number of observations	1						1		6		1	1	3	13
		flight duration (seconds)	20						50		228		40	25	250	613
		bird seconds at PCH	0						27.5		129.75		2.5		110	269.75
2023	number of observations				3			2		3	1			9		
	flight duration (seconds)				275			55		261	35			626		
	bird seconds at PCH				160			8.75		302	0			470.75		
Woodcock	2018	number of observations													0	
		flight duration (seconds)													0	
		bird seconds at PCH													0	
	2019	number of observations	4	2				1							7	
		flight duration (seconds)	0	0				25							25	
		bird seconds at PCH	0	0				6.25							6.25	
2020	number of observations			1						1				2		
	flight duration (seconds)			30						20				50		
	bird seconds at PCH			15						5				20		



Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	2021	number of observations				1									1	
		flight duration (seconds)				15										15
		bird seconds at PCH				3.75										3.75
	2022	number of observations														0
		flight duration (seconds)														0
		bird seconds at PCH														0
	2023	number of observations					2									2
		flight duration (seconds)					50									50
		bird seconds at PCH					12.5									12.5

Table 7.3- 2 Summary of breeding walkover records - Dark grey cells indicate non-surveyed months

Species	Year	Abundance	Apr	May	Jun	Jul	Aug	Sep	Total
Black-headed Gull	2018	number of observations							0
		number of individuals							0
	2019	number of observations							0
		number of individuals							0
	2020	number of observations			1				1
		number of individuals			1				1
	2021	number of observations							0
		number of individuals							0
	2022	number of observations							0
		number of individuals							0
2023	number of observations							0	
	number of individuals							0	
Buzzard	2018	number of observations				1			1
		number of individuals				1			1
	2019	number of observations	8	2	2	1			13
		number of individuals	15	2	2	2			21
	2020	number of observations		2	3	1			6
		number of individuals		3	5	1			9
	2021	number of observations	1	1	1				3
		number of individuals	1	1	1				3
	2022	number of observations	2		1				3
		number of individuals	2		1				3
2023	number of observations	6		1	2			9	
	number of individuals	9		1	3			13	
Hen Harrier	2018	number of observations							0
		number of individuals							0
	2019	number of observations	8	1	3	2			14
		number of individuals	11	1	4	4			20



Species	Year	Abundance	Apr	May	Jun	Jul	Aug	Sep	Total
	2020	number of observations		3					3
		number of individuals		3					3
	2021	number of observations	1						1
		number of individuals	1						1
	2022	number of observations	1		3				4
		number of individuals	1		3				4
	2023	number of observations		3	1	4			8
		number of individuals		4	1	4			9
	Kestrel	2018	number of observations				1		
number of individuals						1			1
2019		number of observations		1		1			2
		number of individuals		1		1			2
2020		number of observations		1	1	2	2		6
		number of individuals		1	1	2	3		7
2021		number of observations	1						1
		number of individuals	1						1
2022		number of observations			3	8			11
		number of individuals			3	8			11
2023		number of observations			2	7			9
		number of individuals			2	8			10
Red Grouse	2018	number of observations							0
		number of individuals							0
	2019	number of observations		1					1
		number of individuals		2					2
	2020	number of observations							0
		number of individuals							0
	2021	number of observations							0
		number of individuals							0



Species	Year	Abundance	Apr	May	Jun	Jul	Aug	Sep	Total
	2022	number of observations							0
		number of individuals							0
	2023	number of observations							0
		number of individuals							0
Snipe	2018	number of observations							0
		number of individuals							0
	2019	number of observations	2						2
		number of individuals	2						2
	2020	number of observations							0
		number of individuals							0
	2021	number of observations							0
		number of individuals							0
	2022	number of observations							0
		number of individuals							0
2023	number of observations							0	
	number of individuals							0	
Sparrowhawk	2018	number of observations	1		2				3
		number of individuals	1		2				3
	2019	number of observations	2	1	2	3			8
		number of individuals	2	1	2	4			9
	2020	number of observations			1	1			2
		number of individuals			1	1			2
	2021	number of observations							0
		number of individuals							0
	2022	number of observations	1		3				4
		number of individuals	3		3				6
2023	number of observations		1		3			4	
	number of individuals		1		3			4	



Species	Year	Abundance	Apr	May	Jun	Jul	Aug	Sep	Total
Woodcock	2018	number of observations							0
		number of individuals							0
	2019	number of observations			1				1
		number of individuals			2				2
	2020	number of observations							0
		number of individuals							0
	2021	number of observations				1			1
		number of individuals				1			1
	2022	number of observations			1				1
		number of individuals			1				1
	2023	number of observations							0
		number of individuals							0

Table 7-3- 3 Summary of breeding raptor records

Species	Year	Abundance	Apr	May	Jun	Jul	Total	
Buzzard	2018	number of observations	1	1	1	2	5	
		number of individuals	1	2	1	3	7	
	2019	number of observations	4	1	3	2	10	
		number of individuals	4	1	3	2	10	
	2020	number of observations		3	1	5	9	
		number of individuals		5	1	6	12	
	2021	number of observations	2	1	2	2	7	
		number of individuals	2	2	2	2	8	
	2022	number of observations	4	2			6	
		number of individuals	4	2			6	
	2023	number of observations	12	2	1		15	
		number of individuals	16	2	1		19	
	Hen Harrier	2018	number of observations			1		1
			number of individuals			1		1
2019		number of observations	4	8	9		21	
		number of individuals	6	9	12		27	
2020		number of observations		4	1		5	
		number of individuals		4	1		5	
2021		number of observations			1		1	
		number of individuals			1		1	
2022		number of observations	2	3			5	
		number of individuals	2	3			5	
2023		number of observations	1	13		8	22	
		number of individuals	1	14		8	23	
Kestrel		2018	number of observations	2	3	1	5	11
			number of individuals	2	3	1	5	11
	2019	number of observations	1	2	1	2	6	

Species	Year	Abundance	Apr	May	Jun	Jul	Total	
	2020	number of individuals	1	2	1	2	6	
		number of observations		7	11	12	30	
	2021	number of individuals		7	11	12	30	
		number of observations	2	2	4	1	9	
	2022	number of individuals	2	2	7	2	13	
		number of observations	9	2	10	4	25	
	2023	number of individuals	9	2	10	5	26	
		number of observations	8	8	2		18	
			number of individuals	8	8	2		18
	Osprey	2018	number of observations					0
number of individuals							0	
2019		number of observations					0	
		number of individuals					0	
2020		number of observations					0	
		number of individuals					0	
2021		number of observations					0	
		number of individuals					0	
2022		number of observations					0	
		number of individuals					0	
2023		number of observations	1				1	
		number of individuals	1				1	
Peregrine Falcon		2018	number of observations					0
			number of individuals					0
	2019	number of observations				1	1	
		number of individuals				3	3	
	2020	number of observations					0	
		number of individuals					0	
	2021	number of observations					0	



Species	Year	Abundance	Apr	May	Jun	Jul	Total	
		number of individuals					0	
		number of observations					0	
	2022	number of individuals					0	
		2023	number of observations		1			1
			number of individuals		1			1
Sparrowhawk	2018	number of observations	1	2			3	
		number of individuals	1	2			3	
	2019	number of observations	1	3	2	3	9	
		number of individuals	1	3	2	4	10	
	2020	number of observations		2		2	4	
		number of individuals		2		2	4	
	2021	number of observations					0	
		number of individuals					0	
	2022	number of observations			1	4	5	
		number of individuals			1	5	6	
	2023	number of observations	1	2	1	1	5	
		number of individuals	1	2	1	1	5	

Table 7-3- 4 Summary of breeding Woodcock survey records - Dark grey cells indicate non-surveyed months

Species	Year	Abundance	Apr	May	Jun	Jul	Total	
Woodcock	2019	number of observations			10		10	
		number of individuals			11		11	
	2020	number of observations		2	9		11	
		number of individuals		2	9		11	
	2021	number of observations		7	18		25	
		number of individuals		8	19		27	
	2022	number of observations			14		14	
		number of individuals			14		14	
	2023	number of observations			2	4		6
		number of individuals			2	4		6

Table 7-3-5 Summary of breeding Red Grouse survey records - Dark grey cells indicate non-surveyed months

Species	Year	Abundance	Jan	Feb	Mar	Total
Red Grouse	2019	number of observations			6	6
		number of individuals			8	8
	2020	number of observations			6	6
		number of individuals			7	7

Table 7-3- 6 Summary of winter walkover records - Dark grey cells indicate non-surveyed months

Species	Year	Abundance	Jan	Feb	Mar	Oct	Nov	Dec	Total
Buzzard	2018	number of observations				1			1
		number of individuals				1			1
	2019	number of observations							0
		number of individuals							0
	2020	number of observations				1			1
		number of individuals				1			1
	2021	number of observations		1	2				3
		number of individuals		1	2				3
2022	number of observations		2					2	
	number of individuals		2					2	
Hen Harrier	2018	number of observations							0
		number of individuals							0
	2019	number of observations							0
		number of individuals							0
	2020	number of observations							0
		number of individuals							0
	2021	number of observations				1			1
		number of individuals				1			1
2022	number of observations	1		1				2	
	number of individuals	1		1				2	
Kestrel	2018	number of observations				5		2	7
		number of individuals				6		2	8
	2019	number of observations	4			2		1	7
		number of individuals	4			3		1	8
	2020	number of observations				2			2
		number of individuals				2			2

Species	Year	Abundance	Jan	Feb	Mar	Oct	Nov	Dec	Total
	2021	number of observations	2	4	1	3			10
		number of individuals	2	4	1	3			10
	2022	number of observations		1					1
		number of individuals		1					1
Red Grouse	2018	number of observations							0
		number of individuals							0
	2019	number of observations	1		1				2
		number of individuals	3		1				4
	2020	number of observations							0
		number of individuals							0
	2021	number of observations							0
		number of individuals							0
2022	number of observations		1					1	
	number of individuals		1					1	
Snipe	2018	number of observations							0
		number of individuals							0
	2019	number of observations	2					1	3
		number of individuals	9					1	10
	2020	number of observations							0
		number of individuals							0
	2021	number of observations		1			1		2
		number of individuals		1			1		2
2022	number of observations	3	3	2				8	
	number of individuals	3	3	2				8	
Sparrowhawk	2018	number of observations				2		2	4
		number of individuals				2		2	4
	2019	number of observations	1						1
		number of individuals	1						1



Species	Year	Abundance	Jan	Feb	Mar	Oct	Nov	Dec	Total
	2020	number of observations				1			1
		number of individuals				1			1
	2021	number of observations							0
		number of individuals							0
	2022	number of observations		1					1
		number of individuals		1					1
Woodcock	2018	number of observations							0
		number of individuals							0
	2019	number of observations	1		1				2
		number of individuals	2		1				3
	2020	number of observations							0
		number of individuals							0
	2021	number of observations							0
		number of individuals							0
	2022	number of observations							0
		number of individuals							0

Table 7-3- 7 Summary of Hen Harrier roost survey records - Dark grey cells indicate non-surveyed months

Species	Year	Abundance	Oct	Nov	Dec	Jan	Feb	Mar	Total	
Hen Harrier	2018	number of observations			1				1	
		number of individuals			1				1	
	2019	number of observations		2				5	2	9
		number of individuals		2				5	2	9
	2020	number of observations				1			1	2
		number of individuals				1			2	3
	2021	number of observations	1			2	2			5
		number of individuals	2			2	2			6
	2022	number of observations	2					1		3
		number of individuals	2					1		3
	2023	number of observations						2	1	3
		number of individuals						2	1	3

Table 7-3- 8 Summary of non-target species records

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Barn Swallow	2018					✓	✓	✓					
	2019				✓	✓	✓	✓	✓	✓			
	2020					✓	✓	✓	✓	✓			
	2021						✓	✓	✓	✓			
	2022				✓	✓	✓	✓	✓	✓			
	2023				✓	✓	✓		✓				
Blackbird	2018				✓	✓	✓	✓			✓	✓	✓
	2019	✓	✓	✓	✓	✓	✓	✓			✓		
	2020			✓		✓	✓	✓	✓		✓	✓	
	2021	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	2022	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
	2023	✓	✓	✓	✓	✓	✓		✓	✓			
Blackcap	2018				✓		✓		✓				
	2019			✓	✓	✓	✓						
	2020					✓	✓	✓					
	2021				✓	✓	✓						
	2022				✓	✓	✓	✓					
	2023				✓	✓	✓						
Blue Tit	2018				✓	✓		✓			✓	✓	✓
	2019	✓				✓	✓				✓		
	2020					✓	✓	✓			✓	✓	✓
	2021	✓	✓	✓	✓	✓	✓				✓	✓	
	2022		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	2023		✓	✓	✓	✓	✓		✓	✓			
Bullfinch	2018				✓				✓			✓	✓
	2019			✓		✓	✓	✓					
	2020					✓	✓	✓			✓	✓	✓
	2021	✓	✓	✓		✓	✓	✓			✓		



Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2022		✓	✓	✓	✓	✓		✓	✓	✓	✓	
	2023			✓	✓								
Carrion Crow	2018												
	2019												
	2020												
	2021												
	2022								✓				
	2023												
	2023												
Chaffinch	2018				✓	✓	✓	✓	✓		✓	✓	✓
	2019	✓		✓	✓	✓	✓	✓			✓		
	2020	✓		✓		✓	✓	✓	✓		✓	✓	✓
	2021	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	2022	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	2023	✓	✓	✓	✓	✓	✓		✓	✓			
Chiffchaff	2018					✓							
	2019				✓	✓	✓						
	2020					✓	✓	✓					
	2021				✓	✓							
	2022			✓	✓	✓	✓	✓					
	2023				✓	✓	✓			✓			
Coal Tit	2018												✓
	2019			✓		✓	✓				✓		
	2020	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓
	2021	✓	✓	✓	✓		✓	✓			✓	✓	✓
	2022	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
	2023		✓	✓	✓		✓		✓				
Collared Dove	2018												
	2019							✓					



Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2020								✓				
	2021												
	2022				✓				✓				
	2023			✓	✓	✓	✓						
Common Redpoll	2018												
	2019												
	2020												
	2021												
	2022					✓			✓				
	2023												
Cormorant	2018												
	2019					✓							
	2020						✓						
	2021	✓											
	2022					✓							
	2023												
Crossbill	2018												
	2019					✓							✓
	2020	✓	✓	✓		✓	✓	✓			✓	✓	
	2021							✓					
	2022				✓	✓	✓						
	2023												
Cuckoo	2018				✓	✓	✓						
	2019					✓	✓						
	2020					✓	✓						
	2021					✓	✓						
	2022				✓	✓	✓						
	2023				✓		✓						

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Dunnock	2018				✓	✓		✓	✓		✓	✓	✓
	2019	✓		✓	✓	✓		✓					
	2020					✓	✓	✓			✓		
	2021		✓	✓	✓		✓				✓		
	2022		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	2023		✓	✓	✓	✓	✓	✓		✓	✓		
Feral Pigeon	2018							✓					
	2019												
	2020												
	2021												
	2022												
	2023												
Fieldfare	2018												✓
	2019			✓	✓						✓		
	2020	✓	✓								✓	✓	✓
	2021	✓	✓	✓								✓	✓
	2022		✓								✓	✓	✓
	2023												
Goldcrest	2018				✓	✓					✓		✓
	2019				✓	✓	✓	✓			✓		
	2020	✓		✓		✓	✓	✓	✓		✓	✓	✓
	2021	✓	✓	✓				✓		✓	✓		✓
	2022	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2023		✓	✓	✓	✓	✓	✓		✓	✓		
Goldfinch	2018												
	2019						✓						
	2020						✓				✓	✓	
	2021				✓		✓	✓		✓			



Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2022			✓	✓			✓		✓	✓	✓	
	2023			✓	✓	✓	✓		✓	✓			
Grasshopper Warbler	2018												
	2019				✓	✓	✓	✓					
	2020					✓	✓	✓					
	2021												
	2022				✓	✓	✓						
	2023				✓	✓	✓						
	2023												
Great Black-backed Gull	2018												
	2019								✓				
	2020												
	2021												
	2022												
	2023												
Great Spotted Woodpecker	2018												
	2019												
	2020												
	2021												
	2022			✓									
	2023						✓						
Great Tit	2018				✓	✓	✓	✓			✓	✓	✓
	2019	✓		✓		✓	✓	✓					
	2020					✓					✓	✓	✓
	2021		✓	✓	✓						✓		
	2022	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓
	2023		✓	✓	✓	✓	✓		✓	✓			
Greenfinch	2018							✓	✓				
	2019												



Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2020												
	2021												
	2022												
	2023												
Grey Heron	2018												
	2019					✓	✓			✓			
	2020	✓					✓			✓	✓	✓	
	2021				✓						✓		
	2022			✓			✓				✓		
	2023		✓		✓								
Grey Wagtail	2018												
	2019			✓	✓	✓	✓						
	2020			✓		✓	✓	✓					
	2021		✓	✓	✓	✓	✓						
	2022				✓		✓	✓					
	2023						✓			✓			
Greylag Goose	2018												
	2019							✓					
	2020											✓	
	2021												
	2022									✓			
	2023												
Hooded Crow	2018				✓	✓	✓	✓	✓		✓	✓	✓
	2019	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
	2020	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
	2021	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	2022	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓	✓	✓	✓	✓	✓			

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
House Martin	2018							✓	✓				
	2019								✓				
	2020						✓						
	2021												
	2022								✓	✓			
	2023					✓	✓		✓				
House Sparrow	2018												
	2019												
	2020												
	2021												
	2022					✓			✓				
	2023												
Jackdaw	2018					✓		✓	✓		✓	✓	✓
	2019							✓					
	2020										✓	✓	
	2021				✓	✓					✓		
	2022								✓			✓	
	2023			✓	✓	✓							
Jay	2018				✓	✓	✓	✓	✓		✓		✓
	2019			✓	✓		✓	✓					
	2020	✓				✓	✓	✓	✓	✓	✓	✓	✓
	2021	✓	✓	✓	✓	✓		✓			✓	✓	✓
	2022	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓	✓	✓		✓	✓			
Lesser Black-backed Gull	2018						✓						✓
	2019												
	2020					✓							
	2021						✓						



Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2022			✓			✓		✓				
	2023					✓	✓						
Lesser Redpoll	2018						✓						
	2019												
	2020					✓	✓	✓			✓	✓	
	2021						✓	✓			✓		
	2022			✓	✓								
	2023												
	2023												
Linnet	2018					✓							
	2019							✓					
	2020						✓		✓				
	2021												
	2022				✓	✓			✓	✓	✓	✓	
	2023			✓	✓	✓				✓			
Long-tailed Tit	2018					✓	✓				✓	✓	✓
	2019							✓					
	2020								✓				
	2021	✓	✓	✓						✓	✓	✓	
	2022	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Magpie	2018				✓	✓		✓	✓		✓	✓	✓
	2019	✓	✓	✓	✓		✓	✓					
	2020	✓				✓	✓	✓	✓		✓		
	2021	✓	✓		✓	✓	✓	✓		✓	✓		
	2022		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	2023	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Mallard	2018						✓						
	2019		✓	✓	✓	✓	✓		✓				

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2020		✓	✓		✓	✓	✓		✓	✓	✓	
	2021	✓		✓							✓		
	2022		✓		✓	✓	✓						
	2023		✓	✓	✓	✓							
Meadow Pipit	2018				✓	✓	✓	✓			✓		
	2019		✓	✓	✓	✓	✓	✓	✓		✓		✓
	2020	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓
	2021	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	2022	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓		✓	✓					
Mistle Thrush	2018				✓	✓		✓	✓		✓		✓
	2019	✓			✓	✓	✓	✓			✓		
	2020	✓	✓	✓		✓	✓	✓	✓		✓	✓	
	2021	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓
	2022	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓
	2023		✓	✓	✓	✓	✓		✓	✓			
Mute Swan	2018												
	2019												
	2020												
	2021												
	2022					✓							✓
	2023												
Pheasant	2018				✓	✓	✓		✓			✓	✓
	2019	✓			✓	✓	✓	✓					✓
	2020					✓			✓		✓		
	2021						✓						
	2022			✓	✓	✓	✓			✓			✓
	2023	✓		✓									

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Pied Wagtail	2018							✓				✓	✓
	2019												
	2020						✓				✓		
	2021	✓				✓	✓			✓			
	2022			✓	✓		✓	✓		✓		✓	✓
	2023		✓										
Raven	2018				✓	✓	✓	✓	✓		✓	✓	✓
	2019	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
	2020	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓
	2021	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2022	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓	✓	✓		✓	✓			
Redwing	2018											✓	✓
	2019			✓									
	2020										✓		✓
	2021	✓											
	2022										✓	✓	
	2023												
Reed Bunting	2018						✓						
	2019					✓	✓				✓		✓
	2020	✓		✓		✓	✓	✓	✓		✓		
	2021			✓			✓						✓
	2022	✓	✓	✓	✓	✓						✓	
	2023		✓	✓	✓	✓	✓	✓					
Robin	2018				✓	✓	✓	✓	✓		✓		✓
	2019		✓	✓		✓	✓	✓					
	2020		✓	✓		✓	✓	✓	✓		✓	✓	✓
	2021	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2022	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓	✓	✓		✓	✓			
Rook	2018				✓	✓	✓		✓		✓	✓	✓
	2019				✓		✓	✓		✓			
	2020					✓			✓				
	2021				✓	✓		✓		✓	✓	✓	✓
	2022	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓
	2023			✓	✓	✓	✓		✓	✓			
	2023												
Sand Martin	2018					✓							
	2019												
	2020												
	2021												
	2022								✓				
	2023												
Sedge Warbler	2018												
	2019												
	2020												
	2021												
	2022					✓	✓						
	2023					✓	✓						
Siskin	2018				✓	✓	✓	✓			✓	✓	
	2019					✓	✓	✓					
	2020		✓	✓		✓	✓	✓			✓	✓	
	2021			✓		✓		✓			✓	✓	
	2022	✓			✓	✓	✓		✓				
	2023		✓		✓		✓		✓				
Skylark	2018							✓					
	2019		✓	✓	✓	✓	✓	✓					



Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2020					✓	✓			✓			
	2021			✓	✓	✓	✓	✓		✓			
	2022			✓	✓	✓	✓	✓		✓	✓		
	2023				✓	✓	✓		✓	✓			
Song Thrush	2018				✓	✓	✓	✓	✓		✓	✓	
	2019	✓		✓	✓	✓	✓	✓					
	2020	✓		✓		✓	✓	✓	✓	✓			
	2021		✓	✓	✓	✓	✓			✓	✓		
	2022	✓		✓	✓	✓	✓	✓	✓			✓	
	2023		✓	✓	✓	✓	✓	✓	✓	✓			
Starling	2018					✓		✓	✓		✓		✓
	2019							✓					
	2020	✓				✓	✓		✓		✓		
	2021			✓	✓					✓	✓		
	2022			✓	✓		✓	✓	✓	✓	✓	✓	✓
	2023		✓		✓	✓	✓	✓	✓	✓			
Stonechat	2018						✓	✓					
	2019					✓	✓	✓			✓		✓
	2020	✓	✓			✓	✓	✓	✓		✓		
	2021		✓	✓		✓	✓	✓			✓	✓	✓
	2022	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓
	2023	✓	✓	✓	✓	✓	✓			✓			
Swift	2018					✓		✓	✓				
	2019						✓	✓					
	2020						✓	✓					
	2021												
	2022					✓	✓	✓					
	2023						✓	✓	✓				

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Teal	2018												
	2019												
	2020												
	2021												
	2022	✓											
	2023												
Treceeper	2018												
	2019						✓	✓			✓		
	2020			✓		✓		✓			✓		
	2021												
	2022				✓							✓	
	2023												
Wheatear	2018												
	2019												
	2020												
	2021									✓			
	2022								✓				
	2023												
Whitethroat	2018					✓							
	2019					✓	✓	✓					
	2020					✓	✓	✓					
	2021					✓		✓					
	2022					✓	✓	✓	✓				
	2023								✓				
Willow Warbler	2018				✓	✓	✓	✓					
	2019				✓	✓	✓	✓					
	2020					✓	✓	✓					
	2021				✓	✓	✓	✓					



Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2022			✓	✓	✓	✓	✓	✓				
	2023				✓	✓	✓						
Woodpigeon	2018				✓	✓	✓	✓	✓		✓	✓	✓
	2019	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
	2020	✓	✓			✓	✓	✓	✓		✓	✓	✓
	2021	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
	2022	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
	2023	✓	✓	✓	✓	✓	✓		✓				
	2023	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Wren	2018				✓	✓	✓	✓	✓			✓	✓
	2019	✓	✓	✓		✓	✓	✓			✓		
	2020	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
	2021	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2022	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓	✓	✓	✓		✓	✓		