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APPENDIX 7-3

SUMMARY DATA



TABLE OF CONTENTS

Table 7 - 3 - 1 Summary of vantage point records.....	1
Table 7 - 3 - 2 Summary of winter walkover records.....	11
Table 7 - 3 - 3 Summary of breeding walkover records.....	15
Table 7 - 3 - 4 Summary of waterbird distribution and abundance survey records.....	18
Table 7 - 3 - 5 Summary of hen harrier roost survey records.....	23
Table 7 - 3 - 6 Summary of breeding raptor records.....	24
Table 7 - 3 - 17 Summary of non-target species records.....	25

Table 7 - 3 - 1 Summary of vantage point records

Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Black-headed Gull	2021	number of observations											1		1
		flight duration (seconds)											60		60
		bird seconds at PCH											0		0
	2022	number of observations						3							3
		flight duration (seconds)						127							127
		bird seconds at PCH						4114							4114
	2023	number of observations						4	1						5
		flight duration (seconds)						326	47						373
		bird seconds at PCH						39346							39346
	2024	number of observations						1							1
		flight duration (seconds)						35							35
		bird seconds at PCH						1225							1225
Buzzard	2021	number of observations													0
		flight duration (seconds)													0
		bird seconds at PCH													0
	2022	number of observations				1			4	2	3				10
		flight duration (seconds)				35			429	249	533				1246
		bird seconds at PCH				1225			15601	35156	86019				138001
	2023	number of observations				1	2			1	1	2			7
		flight duration (seconds)				78	234			296	380	357			1345
		bird seconds at PCH				4680	28344			87616	144400	25470			290510
	2024	number of observations		12	1			1		2	1	1	3		21
		flight duration (seconds)		2092	15			124		69	64	420	212		2996
		bird seconds at PCH		81884	225			15376		1681	4096	17640	19729		103635

Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	2025	number of observations			6		1		1	3					11
		flight duration (seconds)			1343		29		45	173					1590
		bird seconds at PCH			40857 5		0		900	16660					426135
Curlew	2021	number of observations													0
		flight duration (seconds)													0
		bird seconds at PCH													0
	2022	number of observations					1		1		1				3
		flight duration (seconds)					78		0		0				78
		bird seconds at PCH					2340		0		0				2340
	2023	number of observations													0
		flight duration (seconds)													0
		bird seconds at PCH													0
	2024	number of observations													0
		flight duration (seconds)													0
		bird seconds at PCH													0
	2025	number of observations													0
		flight duration (seconds)													0
		bird seconds at PCH													0
Golden Plover	2021	number of observations										5		1	6
		flight duration (seconds)										180		35	215
		bird seconds at PCH										0		1225	1225
	2022	number of observations										2			2
		flight duration (seconds)										374			374
		bird seconds at PCH										89068			89068
	2023	number of observations			1	1					2		1		5
		flight duration (seconds)			65	39					592		809		1505
		bird seconds at PCH			4225	1521					31462 4		31200		351570
	2024	number of observations				1									1

Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
		flight duration (seconds)				27									27
		bird seconds at PCH				729									729
		number of observations													0
	2025	flight duration (seconds)													0
		bird seconds at PCH													0
Grey Wagtail	2021	number of observations													0
		flight duration (seconds)													0
		bird seconds at PCH													0
	2022	number of observations								1					1
		flight duration (seconds)								28					28
		bird seconds at PCH								504					504
	2023	number of observations		1						2					3
		flight duration (seconds)		5						11					16
		bird seconds at PCH													0
	2024	number of observations													0
		flight duration (seconds)													0
		bird seconds at PCH													0
	2025	number of observations													0
		flight duration (seconds)													0
		bird seconds at PCH													0
Hen Harrier	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

Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	2024	bird seconds at PCH													0
		number of observations		1											1
		flight duration (seconds)		31											31
		bird seconds at PCH		961											961
	2025	number of observations													0
		flight duration (seconds)													0
		bird seconds at PCH													0
Kestrel	2021	number of observations										4	4	2	10
		flight duration (seconds)										140	140	70	350
		bird seconds at PCH										0	0	0	0
	2022	number of observations	6	4	4	1	4	5	7	3		1		2	37
		flight duration (seconds)	210	140	140	35	159	201	760	113		49		1319	3126
		bird seconds at PCH	1225				1069	7868	20764 9	5520		1470		81290 0	103770 1
	2023	number of observations	3		1	1	5	15		14	13	1	4	1	58
		flight duration (seconds)	3060		22	187	1258	3027		1473	2671	98	168	20	11984
		bird seconds at PCH	1440 0		0	26180	81329 9	96254 0		21649 6	79451 5	3724	2420	400	283397 4
	2024	number of observations		3		1	3	6		3	2	7	15		40
		flight duration (seconds)		185		22	360	1152		885	161	1727	1776		6268
		bird seconds at PCH		21986		484	72000	28815 4		44330 9	3276	42550 0	47998 0		173468 9
	2025	number of observations		5	1			2	1	1	1				11
		flight duration (seconds)		936	198			289	90	8					1521
		bird seconds at PCH		0	0			30573	5400	64					36037
Lapwing	2021	number of observations													0
		flight duration (seconds)													0
		bird seconds at PCH													0
	2022	number of observations												1	1
		flight duration (seconds)												43	43

Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	2023	bird seconds at PCH												430	430
		number of observations	1								1				2
		flight duration (seconds)	30								0				30
		bird seconds at PCH	900								0				900
	2024	number of observations											2		2
		flight duration (seconds)											109		109
		bird seconds at PCH											5072		5072
	2025	number of observations													0
		flight duration (seconds)													0
		bird seconds at PCH													0
Lesser Black-backed Gull	2021	number of observations													0
		flight duration (seconds)													0
		bird seconds at PCH													0
	2022	number of observations		1	2	7	1	11	9						31
		flight duration (seconds)		35	70	245	47	396	741						1534
		bird seconds at PCH		0	1225	1225	0	17908	97350						117708
	2023	number of observations			2		3	16	1	1					23
		flight duration (seconds)			204		311	1521	62	102					2200
		bird seconds at PCH			20580		34209	169302	3844	10404					238339
	2024	number of observations				5	2	13	2	7	2				31
		flight duration (seconds)				221	68	602	49	446	115				1501
		bird seconds at PCH				1354	1369	32962	729	52384	7813				96611
	2025	number of observations			6	4	3	6	2	4					25
		flight duration (seconds)			331	290	283	638	65	172					1779
		bird seconds at PCH			19293	33550	47163	84170	2325	10434					196935
Meadow Pipit	2021	number of observations										1	1		2
		flight duration (seconds)										30	35		65
		bird seconds at PCH										0	0		0

Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	2022	number of observations			1	1	1	3	3	1	2				12
		flight duration (seconds)			35	35	11	39	0	0	0				120
		bird seconds at PCH			0	0	0	0	0	0	0				0
	2023	number of observations		2	1	1	1	2	6	2	1	2	2	1	21
		flight duration (seconds)		0	0	0	0	0	163	0	0	0	0	5	168
		bird seconds at PCH		0	0	0	0	0	1570	0	0	0	0	0	1570
	2024	number of observations		1	6	5	5	1	6		2		3		29
		flight duration (seconds)		0	61	78	75	0	169		0		0		383
		bird seconds at PCH		0	0	0	369	0	225		0		0		594
	2025	number of observations	1		2	1	1			1					6
		flight duration (seconds)	0		0	0	0			6					6
		bird seconds at PCH	0		0	0	0			0					0
Merlin	2021	number of observations											1		1
		flight duration (seconds)											45		45
		bird seconds at PCH											0		0
	2022	number of observations	1												1
		flight duration (seconds)	35												35
		bird seconds at PCH	0												0
	2023	number of observations											1		1
		flight duration (seconds)											17		17
		bird seconds at PCH											0		0
	2024	number of observations													0
		flight duration (seconds)													0
		bird seconds at PCH													0
	2025	number of observations													0
		flight duration (seconds)													0
		bird seconds at PCH													0
Peregrine Falcon	2021	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
	2022	flight duration (seconds)							75						75
		bird seconds at PCH							5625						5625
		number of observations	1												1
	2023	flight duration (seconds)	30												30
		bird seconds at PCH	900												900
		number of observations													0
	2024	flight duration (seconds)													0
		bird seconds at PCH													0
		number of observations													0
	2025	flight duration (seconds)													0
		bird seconds at PCH													0
		number of observations													0
Redwing	2021	number of observations											3	2	5
		flight duration (seconds)											105	70	175
		bird seconds at PCH											0	0	0
	2022	number of observations													0
		flight duration (seconds)													0
		bird seconds at PCH													0
	2023	number of observations	1										1	2	4
		flight duration (seconds)	600											55	655
		bird seconds at PCH	0											1225	1225
	2024	number of observations		2									3		5
		flight duration (seconds)		0									45		45
		bird seconds at PCH		0									400		400
	2025	number of observations													0
		flight duration (seconds)													0

Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
		bird seconds at PCH													0
Snipe	2021	number of observations										5	1	2	8
		flight duration (seconds)										185	36	65	280
		bird seconds at PCH										0	0	0	0
		bird seconds at PCH										0	0	0	0
	2022	number of observations	1		1	3		6	2	1		3		2	19
		flight duration (seconds)	35		35	0		22	80	36		22		18	248
		bird seconds at PCH	0		0	0		160	4320	720		484		0	5684
	2023	number of observations		1		1	1				3	3	1		10
		flight duration (seconds)		15		0	0				0	0	0		15
		bird seconds at PCH		0		0	0				0	0	0		0
	2024	number of observations		2	1	3	1	4	1		2		1		15
		flight duration (seconds)		5	120	670	240	928							1963
		bird seconds at PCH				36245 2	57600	45600 0							876052
	2025	number of observations	1			3	6	4							14
		flight duration (seconds)	5			109	58	1400							1572
		bird seconds at PCH	0			11881	961	55000 0							562842
Sparrowhawk	2021	number of observations										1	2	1	4
		flight duration (seconds)										35	70	35	140
		bird seconds at PCH										0	0	0	0
	2022	number of observations	2						4	1	1	2		1	11
		flight duration (seconds)	70						115	15	12	31		17	260
		bird seconds at PCH	0						2600	0	0	78		0	2678
	2023	number of observations	1		1		2			3	1	2	2		12
		flight duration (seconds)	540		48		59			52	17	146	33		895
		bird seconds at PCH	0		384		0			475	0	10756	0		11615
	2024	number of observations		2							2	1	3		8
		flight duration (seconds)		48							53	10	64		175
		bird seconds at PCH		1369							0	0	0		1369

Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	2025	number of observations		1							3				4
		flight duration (seconds)		57							90				147
		bird seconds at PCH		1140							0				1140
Swift	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							1
		flight duration (seconds)						10							10
		bird seconds at PCH						100							100
	2024	number of observations						1	1						2
		flight duration (seconds)						10	12						22
		bird seconds at PCH						100	144						244
	2025	number of observations													0
		flight duration (seconds)													0
		bird seconds at PCH													0
Whooper Swan	2021	number of observations											6	1	7
		flight duration (seconds)											235	35	270
		bird seconds at PCH											4950	0	4950
	2022	number of observations	1	5										1	7
		flight duration (seconds)	35	175										0	210
		bird seconds at PCH	0	0										0	0
	2023	number of observations	1		1								4		6
		flight duration (seconds)	0		0								347		347
		bird seconds at PCH	0		0								33664		33664
	2024	number of observations		2									3		5



Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
		flight duration (seconds)		47									40		87
		bird seconds at PCH		1739									700		2439
	2025	number of observations			1										1
		flight duration (seconds)			132										132
		bird seconds at PCH			17424										17424

Table 7 - 3 - 2 Summary of winter walkover records

Species	Year	Abundance	Jan	Feb	Mar	Oct	Nov	Dec	Total
Buzzard	2021	number of observations							0
		number of individuals							0
	2022	number of observations			3				3
		number of individuals			4				4
	2023	number of observations					1		1
		number of individuals					1		1
	2024	number of observations				3			3
		number of individuals				5			5
Golden Plover	2021	number of observations							0
		number of individuals							0
	2022	number of observations				2			2
		number of individuals				47			47
	2023	number of observations							0
		number of individuals							0
	2024	number of observations		1		1			2
		number of individuals		2		31			33
Kestrel	2021	number of observations					3		3
		number of individuals					3		3
	2022	number of observations	2				1		3
		number of individuals	2				1		3
	2023	number of observations				1	5		6
		number of individuals				1	5		6
	2024	number of observations	2			1	1		4
		number of individuals	2			1	1		4

Species	Year	Abundance	Jan	Feb	Mar	Oct	Nov	Dec	Total
Lesser Black-backed Gull	2025	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
	2024	number of observations	1						1
		number of individuals	1						1
	2025	number of observations			3				3
		number of individuals			8				8
Meadow Pipit	2021	number of observations					1		1
		number of individuals					9		9
	2022	number of observations	2			3	1		6
		number of individuals	16			24	6		46
	2023	number of observations	1		1	2	1		5
		number of individuals	4		4	32	6		46
	2024	number of observations	2			2	1		5
		number of individuals	22			30	17		69
	2025	number of observations	1		2				3
		number of individuals	5		6				11
Peregrine Falcon	2021	number of observations							0
		number of individuals							0
	2022	number of observations	1						1
		number of individuals	1						1
	2023	number of observations							0
		number of individuals							0

Species	Year	Abundance	Jan	Feb	Mar	Oct	Nov	Dec	Total
	2024	number of observations				2			2
		number of individuals				2			2
	2025	number of observations							0
		number of individuals							0
Redwing	2021	number of observations					1		1
		number of individuals					35		35
	2022	number of observations					1		1
		number of individuals					3		3
	2023	number of observations							0
		number of individuals							0
	2024	number of observations							0
		number of individuals							0
	2025	number of observations	1						1
		number of individuals	6						6
Short-eared Owl	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
	2024	number of observations							0
		number of individuals							0
	2025	number of observations							0
		number of individuals							0
Snipe	2021	number of observations					1		1
		number of individuals					1		1
	2022	number of observations	1						1
		number of individuals	1						1

Species	Year	Abundance	Jan	Feb	Mar	Oct	Nov	Dec	Total
	2023	number of observations							0
		number of individuals							0
	2024	number of observations				4	1		5
		number of individuals				14	1		15
	2025	number of observations			1				1
		number of individuals			5				5
Sparrowhawk	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
	2024	number of observations					3		3
		number of individuals					3		3
	2025	number of observations	1		1				2
		number of individuals	1		1				2
Whooper Swan	2021	number of observations					1		1
		number of individuals					6		6
	2022	number of observations	1	1	1				3
		number of individuals	5	16	16				37
	2023	number of observations	1						1
		number of individuals	7						7
	2024	number of observations	2	1		1			4
		number of individuals	14	8		3			25
	2025	number of observations	1		1				2
		number of individuals	5		8				13

Table 7 - 3 - 3 Summary of breeding walkover records

Species	Year	Abundance	Apr	May	Jun	Jul	Total
Buzzard	2022	number of observations			1		1
		number of individuals			1		1
	2023	number of observations	1	1			2
		number of individuals	1	1			2
	2024	number of observations					0
		number of individuals					0
	2025	number of observations	5	1			6
		number of individuals	10	2			12
Common Gull	2022	number of observations				1	1
		number of individuals				1	1
	2023	number of observations					0
		number of individuals					0
	2024	number of observations					0
		number of individuals					0
	2025	number of observations					0
		number of individuals					0
Golden Plover	2022	number of observations					0
		number of individuals					0
	2023	number of observations	1				1
		number of individuals	58				58
	2024	number of observations					0
		number of individuals					0
	2025	number of observations					0
		number of individuals					0
Grey Wagtail	2022	number of observations	1				1
		number of individuals	1				1
	2023	number of observations					0
		number of individuals					0

Species	Year	Abundance	Apr	May	Jun	Jul	Total
	2024	number of observations					0
		number of individuals					0
	2025	number of observations					0
		number of individuals					0
Kestrel	2022	number of observations		1	2		3
		number of individuals		1	2		3
	2023	number of observations	3	1	2		6
		number of individuals	3	1	2		6
	2024	number of observations	1			1	2
		number of individuals	1			1	2
	2025	number of observations		1	1		2
		number of individuals		1	1		2
Lesser Black-backed Gull	2022	number of observations			1	5	6
		number of individuals			1	13	14
	2023	number of observations	1	1		2	4
		number of individuals	1	1		2	4
	2024	number of observations		1	1		2
		number of individuals		16	1		17
	2025	number of observations	1		4	2	7
		number of individuals	4		10	2	16
Meadow Pipit	2022	number of observations	1	1	3	2	7
		number of individuals	1	2	7	21	31
	2023	number of observations	3	4	4	9	20
		number of individuals	15	14	21	13	63
	2024	number of observations	4	5	2	3	14
		number of individuals	6	6	25	3	40
	2025	number of observations			2		2
		number of individuals			10		10

Species	Year	Abundance	Apr	May	Jun	Jul	Total
Snipe	2022	number of observations	1				1
		number of individuals	1				1
	2023	number of observations	3	1	1	2	7
		number of individuals	4	1	2	2	9
	2024	number of observations			1	1	2
		number of individuals			1	1	2
	2025	number of observations	1	1	3	2	7
		number of individuals	1	1	4	2	8
Sparrowhawk	2022	number of observations					0
		number of individuals					0
	2023	number of observations					0
		number of individuals					0
	2024	number of observations					0
		number of individuals					0
	2025	number of observations		1			1
		number of individuals		1			1

Table 7 - 3 - 4 Summary of waterbird distribution and abundance survey records

Species	Year	Abundance	Jan	Feb	Mar	Apr	May	Aug	Sep	Oct	Nov	Dec	Total
Black-headed Gull	2021	number of observations											0
		number of individuals											0
	2022	number of observations		1	3						2		6
		number of individuals		2	10						2		14
	2023	number of observations	1	1	1	2							5
		number of individuals	1	2	35	9							47
	2024	number of observations			7	3	1				2		13
		number of individuals			72	15	1				2		90
Curlew	2021	number of observations								1	1	2	4
		number of individuals								1	1	3	5
	2022	number of observations	2			2		1	1	2	1	1	10
		number of individuals	4			2		1	1	4	13	1	26
	2023	number of observations	1		1				1		1	2	6
		number of individuals	26		3				1		2	4	36
	2024	number of observations	1			1				1			3
		number of individuals	10			2				10			22
Golden Plover	2021	number of observations											0
		number of individuals											0
	2022	number of observations			1					1		1	3
		number of individuals			35					65		145	245
	2023	number of observations											0
		number of individuals											0
	2024	number of observations		1									1
		number of individuals		40									40

Species	Year	Abundance	Jan	Feb	Mar	Apr	May	Aug	Sep	Oct	Nov	Dec	Total
Greenland White-fronted Goose	2025	number of observations											0
		number of individuals											0
	2021	number of observations									4		4
		number of individuals									135		135
	2022	number of observations											0
		number of individuals											0
	2023	number of observations											0
		number of individuals											0
	2024	number of observations											0
		number of individuals											0
	2025	number of observations											0
		number of individuals											0
Grey Wagtail	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
	2024	number of observations			1				1				2
		number of individuals			2				1				3
	2025	number of observations					1						1
		number of individuals					1						1
Kingfisher	2021	number of observations											0
		number of individuals											0
	2022	number of observations								1			1
		number of individuals								1			1
	2023	number of observations		1									1
		number of individuals		1									1

Species	Year	Abundance	Jan	Feb	Mar	Apr	May	Aug	Sep	Oct	Nov	Dec	Total
	2024	number of observations	1										1
		number of individuals	1										1
	2025	number of observations											0
		number of individuals											0
Lapwing	2021	number of observations									2	1	3
		number of individuals									26	55	81
	2022	number of observations	3	2						3	1	3	12
		number of individuals	65	12						44	33	39	193
	2023	number of observations	1								1	1	3
		number of individuals	60								3	4	67
	2024	number of observations	1			2	1				2	2	8
		number of individuals	33			6	4				11	20	74
	2025	number of observations	1		1				2				4
		number of individuals	1		3				12				16
Lesser Black-backed Gull	2021	number of observations											0
		number of individuals											0
	2022	number of observations						3		1	1		5
		number of individuals						4		1	2		7
	2023	number of observations								1			1
		number of individuals								1			1
	2024	number of observations			1	5	1	4					11
		number of individuals			2	11	1	28					42
	2025	number of observations			2	2		5	1				10
		number of individuals			4	4		49	9				66
Little Egret	2021	number of observations											0
		number of individuals											0
	2022	number of observations											0
		number of individuals											0

Species	Year	Abundance	Jan	Feb	Mar	Apr	May	Aug	Sep	Oct	Nov	Dec	Total
	2023	number of observations											0
		number of individuals											0
	2024	number of observations	1										1
		number of individuals	1										1
	2025	number of observations		1									1
		number of individuals		1									1
Shoveler	2021	number of observations								1	8	4	13
		number of individuals								12	57	28	97
	2022	number of observations	3	3	2	1					2	8	19
		number of individuals	19	63	51	10					17	72	232
	2023	number of observations	7	3	3	2	2			1	6	5	29
		number of individuals	98	70	55	14	4			29	61	178	509
	2024	number of observations	3	3	3	5				2	2	10	28
		number of individuals	43	90	74	11				28	71	78	395
	2025	number of observations	3	5	5	3	1						17
		number of individuals	24	98	20	10	1						153
Snipe	2021	number of observations								2			2
		number of individuals								2			2
	2022	number of observations			2	2				2		1	7
		number of individuals			2	2				3		1	8
	2023	number of observations				2			1			2	5
		number of individuals				2			3			13	18
	2024	number of observations	1										1
		number of individuals	1										1
	2025	number of observations	1										1
		number of individuals	1										1
Tufted Duck	2021	number of observations									3	5	8
		number of individuals									42	61	103

Species	Year	Abundance	Jan	Feb	Mar	Apr	May	Aug	Sep	Oct	Nov	Dec	Total
	2022	number of observations	5	5	4	2				2	5	12	35
		number of individuals	75	117	40	42				3	47	67	391
	2023	number of observations	7	5	5	3				1	5	5	31
		number of individuals	120	105	73	57				4	60	307	726
	2024	number of observations	8	1	3	5				1	4	7	29
		number of individuals	90	36	38	38				18	23	113	356
	2025	number of observations	2	2	9	5							18
		number of individuals	29	65	55	31							180
Whooper Swan	2021	number of observations									5	5	10
		number of individuals									71	111	182
	2022	number of observations	2		1					3	4	9	19
		number of individuals	15		7					17	34	67	140
	2023	number of observations	7	8	5	1				2	3	1	27
		number of individuals	85	111	82	8				19	37	68	410
	2024	number of observations	9	4	8	2					3	5	31
		number of individuals	152	88	56	18					16	98	428
	2025	number of observations	3	3	10								16
		number of individuals	67	32	86								185

Table 7 - 3 - 5 Summary of hen harrier roost survey records

Species	Year	Abundance	Oct	Nov	Dec	Jan	Feb	Mar	Total
Hen Harrier	2022	number of observations	1						1
		number of individuals	1						1
	2023	number of observations							0
		number of individuals							0
	2024	number of observations							0
		number of individuals							0
	2025	number of observations							0
		number of individuals							0

Table 7 - 3 - 6 Summary of breeding raptor records

Species	Year	Abundance	Apr	May	Jun	Jul	Total
Buzzard	2022	number of observations			7	10	17
		number of individuals			8	13	21
	2023	number of observations	5	2	8		15
		number of individuals	6	3	9		18
	2024	number of observations			3	5	8
		number of individuals			3	9	12
	2025	number of observations		1	4		5
		number of individuals		1	6		7
Kestrel	2022	number of observations		1	2	5	8
		number of individuals		1	2	5	8
	2023	number of observations	2		3	1	6
		number of individuals	2		3	1	6
	2024	number of observations	2				2
		number of individuals	3				3
	2025	number of observations	3	1	5	4	13
		number of individuals	3	1	10	4	18
Sparrowhawk	2022	number of observations				2	2
		number of individuals				2	2
	2023	number of observations	1		1		2
		number of individuals	1		1		2
	2024	number of observations				2	2
		number of individuals				2	2
	2025	number of observations				1	1
		number of individuals				1	1

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

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Barn Swallow	2021												
	2022				✓	✓	✓	✓	✓	✓			
	2023					✓	✓	✓	✓	✓	✓		
	2024				✓		✓	✓	✓	✓			
	2025				✓	✓	✓	✓	✓	✓			
Blackbird	2021										✓	✓	✓
	2022	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2024	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
	2025	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Blackcap	2021												
	2022		✓										
	2023						✓		✓		✓		
	2024						✓						
	2025				✓	✓	✓	✓					
Blue Tit	2021										✓	✓	
	2022	✓	✓	✓				✓	✓	✓	✓	✓	✓
	2023	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	
	2024	✓	✓		✓	✓	✓	✓	✓	✓	✓		
	2025	✓	✓		✓	✓	✓	✓		✓			
Bullfinch	2021											✓	
	2022		✓					✓	✓		✓		
	2023							✓	✓		✓	✓	
	2024	✓				✓		✓				✓	
	2025	✓	✓			✓							
Chaffinch	2021										✓	✓	✓
	2022	✓	✓	✓	✓			✓			✓	✓	✓
	2023	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2024	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	
	2025	✓	✓	✓	✓	✓	✓	✓		✓			
Chiffchaff	2021												
	2022						✓		✓				
	2023			✓	✓	✓	✓	✓	✓				
	2024					✓	✓	✓					
	2025			✓	✓	✓	✓		✓	✓			
Coal Tit	2021											✓	
	2022	✓	✓					✓			✓	✓	
	2023					✓			✓		✓		
	2024		✓		✓		✓		✓		✓		
	2025	✓		✓	✓	✓							
Collared Dove	2021												
	2022												
	2023								✓				
	2024		✓		✓			✓			✓		
	2025				✓								
Common Sandpiper	2021												
	2022												
	2023												
	2024												
	2025					✓			✓				
Coot	2021										✓	✓	✓
	2022	✓	✓	✓	✓				✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓
	2024	✓	✓	✓	✓	✓				✓	✓	✓	✓
	2025	✓	✓	✓	✓	✓				✓			
Cormorant	2021										✓		✓

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2022	✓	✓	✓	✓				✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓				✓	✓	✓	✓	✓
	2024	✓	✓	✓		✓			✓	✓	✓		✓
	2025	✓	✓	✓	✓				✓	✓			
Crossbill	2021												
	2022												
	2023												
	2024					✓							
	2025												
Cuckoo	2021												
	2022						✓						
	2023					✓	✓		✓				
	2024												
	2025				✓	✓							
Dunmuck	2021												
	2022			✓	✓			✓			✓	✓	✓
	2023		✓	✓	✓		✓		✓		✓	✓	✓
	2024	✓	✓	✓			✓	✓	✓	✓	✓	✓	
	2025	✓	✓	✓	✓	✓	✓	✓					
Fieldfare	2021											✓	✓
	2022	✓	✓	✓							✓	✓	✓
	2023	✓	✓	✓	✓							✓	
	2024	✓	✓									✓	
	2025	✓											
Gadwall	2021												
	2022												
	2023									✓			
	2024												

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2025	✓											
Garganey	2021												
	2022												
	2023					✓							
	2024												
	2025												
	2025												
Goldcrest	2021											✓	
	2022		✓	✓				✓		✓	✓	✓	
	2023	✓	✓							✓	✓	✓	
	2024	✓	✓		✓	✓	✓	✓	✓				
	2025	✓	✓	✓		✓	✓						
	2025	✓	✓	✓		✓	✓						
Goldfinch	2021											✓	✓
	2022	✓	✓				✓	✓	✓	✓	✓	✓	✓
	2023		✓	✓		✓		✓	✓	✓	✓	✓	✓
	2024	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	
	2025			✓	✓	✓	✓	✓	✓	✓			
	2025			✓	✓	✓	✓	✓	✓	✓			
Grasshopper Warbler	2021												
	2022												
	2023						✓						
	2024						✓		✓				
	2025				✓	✓							
	2025				✓	✓							
Great Black-backed Gull	2021												
	2022		✓				✓	✓					
	2023					✓							
	2024			✓									
	2025				✓			✓	✓				
	2025				✓			✓	✓				
Great Crested Grebe	2021											✓	
	2022									✓			

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2023												
	2024												
	2025												
Great Spotted Woodpecker	2021												
	2022												
	2023												
	2024		✓										
	2025												
Great Tit	2021											✓	
	2022		✓				✓	✓	✓	✓	✓	✓	✓
	2023		✓	✓	✓	✓	✓	✓	✓		✓	✓	
	2024	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
	2025	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Greenfinch	2021												
	2022												
	2023							✓	✓				
	2024	✓											
	2025												
Grey Heron	2021										✓	✓	✓
	2022	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
	2023		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2024		✓	✓	✓	✓	✓		✓	✓	✓		✓
	2025	✓	✓		✓	✓		✓	✓	✓			
Herring Gull	2021												
	2022							✓					
	2023						✓	✓					
	2024						✓			✓		✓	
	2025			✓		✓							

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Hooded Crow	2021										✓	✓	✓
	2022	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2024	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	2025	✓	✓	✓	✓	✓	✓	✓	✓	✓			
House Martin	2021												
	2022				✓	✓	✓	✓	✓				
	2023					✓		✓	✓	✓			
	2024						✓	✓					
	2025					✓		✓	✓	✓			
House Sparrow	2021												
	2022							✓					
	2023							✓		✓	✓		
	2024		✓										
	2025												
Jack Snipe	2021												
	2022												
	2023												
	2024												✓
	2025												
Jackdaw	2021										✓	✓	✓
	2022	✓	✓	✓	✓			✓	✓		✓	✓	✓
	2023	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
	2024	✓	✓	✓		✓	✓	✓		✓	✓	✓	
	2025	✓	✓		✓	✓	✓	✓					
Jay	2021										✓		
	2022												
	2023							✓					

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2024			✓		✓							
	2025												
Linnet	2021										✓	✓	✓
	2022	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
	2023			✓	✓	✓	✓	✓	✓	✓	✓		
	2024	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	
	2025	✓		✓	✓	✓	✓	✓					
	2021										✓	✓	✓
Little Grebe	2022	✓	✓	✓	✓								
	2023	✓	✓	✓	✓	✓			✓		✓		✓
	2024	✓				✓					✓		✓
	2025	✓	✓	✓	✓	✓							
	2021											✓	
Long-tailed Tit	2022										✓		✓
	2023		✓	✓	✓			✓			✓	✓	
	2024	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	
	2025		✓						✓				
	2021										✓	✓	✓
Magpie	2022	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓
	2023		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2024	✓	✓	✓		✓	✓	✓		✓	✓	✓	
	2025	✓	✓	✓	✓	✓	✓	✓		✓			
	2021										✓	✓	✓
Mallard	2022	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2024	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2025	✓	✓	✓	✓	✓		✓	✓	✓			
	2021										✓	✓	✓
Mistle Thrush	2021										✓	✓	✓

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2022	✓	✓	✓	✓		✓				✓	✓	✓
	2023	✓	✓	✓	✓	✓		✓				✓	
	2024	✓				✓	✓	✓	✓	✓	✓	✓	
	2025	✓			✓	✓	✓			✓			
Moorhen	2021										✓	✓	✓
	2022	✓	✓	✓	✓				✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓
	2024	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓
	2025	✓	✓	✓	✓	✓			✓	✓			
Mute Swan	2021										✓	✓	✓
	2022	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓
	2024	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓
	2025	✓	✓	✓	✓	✓			✓	✓			
Pheasant	2021										✓	✓	✓
	2022	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2023		✓	✓	✓	✓	✓		✓	✓	✓	✓	
	2024	✓	✓	✓			✓			✓	✓	✓	
	2025	✓		✓	✓	✓	✓						
Pied Wagtail	2021										✓	✓	
	2022	✓		✓	✓	✓		✓	✓		✓	✓	✓
	2023	✓			✓	✓			✓	✓	✓		
	2024		✓				✓		✓	✓	✓	✓	
	2025	✓			✓	✓	✓	✓		✓			
Raven	2021										✓	✓	✓
	2022		✓		✓			✓	✓	✓	✓	✓	✓
	2023	✓	✓		✓		✓	✓	✓	✓	✓	✓	
	2024	✓	✓	✓							✓	✓	

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2025	✓			✓	✓	✓	✓	✓	✓			
Redpoll	2021												
	2022		✓	✓				✓					
	2023		✓					✓	✓				
	2024	✓				✓	✓	✓			✓		
	2025	✓		✓		✓	✓	✓					
	2025	✓		✓		✓	✓	✓					
Reed Bunting	2021										✓	✓	✓
	2022	✓		✓				✓	✓				
	2023				✓		✓		✓	✓	✓	✓	✓
	2024	✓	✓				✓	✓			✓	✓	
	2025	✓		✓	✓	✓		✓					
	2025	✓		✓	✓	✓		✓					
Robin	2021										✓	✓	✓
	2022	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2024	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	2025	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	2025	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Rook	2021										✓	✓	✓
	2022	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2024	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	2025	✓	✓	✓	✓	✓	✓	✓		✓			
	2025	✓	✓	✓	✓	✓	✓	✓		✓			
Sand Martin	2021												
	2022							✓	✓				
	2023			✓	✓	✓	✓	✓	✓				
	2024	✓			✓		✓	✓					
	2025			✓	✓	✓	✓	✓					
	2025			✓	✓	✓	✓	✓					
Sedge Warbler	2021												
	2022						✓	✓					

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2023					✓	✓						
	2024							✓					
	2025				✓	✓	✓	✓					
Siskin	2021												
	2022							✓					
	2023							✓	✓			✓	
	2024		✓			✓		✓					
	2025						✓			✓			
Skylark	2021												
	2022	✓	✓	✓	✓	✓	✓		✓				
	2023		✓	✓	✓	✓	✓		✓	✓			
	2024	✓		✓			✓	✓		✓			
	2025			✓	✓	✓	✓	✓					
Song Thrush	2021											✓	
	2022	✓		✓				✓		✓			✓
	2023		✓	✓	✓	✓	✓	✓	✓			✓	
	2024	✓	✓	✓		✓	✓			✓	✓	✓	
	2025	✓	✓		✓	✓	✓	✓					
Starling	2021											✓	✓
	2022	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓		✓		✓	✓		✓	✓
	2024		✓				✓				✓	✓	
	2025	✓	✓		✓	✓	✓	✓		✓			
Stonechat	2021										✓	✓	
	2022			✓				✓			✓	✓	✓
	2023	✓		✓	✓	✓	✓	✓		✓	✓	✓	
	2024	✓		✓		✓	✓	✓			✓	✓	
	2025		✓	✓	✓	✓	✓	✓		✓			

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Teal	2021											✓	✓
	2022	✓	✓	✓	✓					✓	✓	✓	✓
	2023	✓	✓	✓	✓						✓	✓	✓
	2024	✓	✓	✓	✓					✓	✓	✓	✓
	2025	✓	✓	✓	✓					✓			
Treetreeper	2021												
	2022												
	2023												
	2024								✓				
	2025												
Water Rail	2021										✓		
	2022												✓
	2023												✓
	2024		✓	✓		✓							
	2025	✓			✓								
Whimbrel	2021												
	2022					✓							
	2023				✓								
	2024					✓							
	2025												
Whitethroat	2021												
	2022							✓	✓				
	2023					✓	✓						
	2024						✓						
	2025				✓	✓	✓	✓					
Wigeon	2021											✓	✓
	2022	✓	✓	✓	✓			✓			✓	✓	✓
	2023	✓	✓	✓	✓					✓	✓	✓	✓

Species	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2024	✓	✓	✓	✓						✓	✓	✓
	2025	✓	✓	✓	✓								
Willow Warbler	2021												
	2022					✓	✓	✓	✓				
	2023				✓	✓	✓	✓	✓				
	2024	✓			✓	✓	✓	✓	✓				
	2025				✓	✓	✓	✓	✓				
	2026												
Woodpigeon	2021											✓	✓
	2022	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	2024	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	2025	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Wren	2021										✓	✓	✓
	2022	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
	2023	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2024	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
	2025	✓	✓	✓	✓	✓	✓	✓		✓			