

APPENDIX 8-3SUMMARY TABLES



Appendix 8-3 – Summary Tables

Proposed Cahermurphy Two Windfarm





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Proposed Cahermurphy Two Windfarm

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Appendix 8-3 – Summary Tables

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Planning and Environmental Consultants

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Table of Contents

TABLE OF TABLES

Table 1-1 Vantage Point Survey Effort Summary	2
Table 1-2 Monthly distribution of flight activity for target species during VP Surveys	3
Table 1-3 All observations within focus area at PCH for target species during vantage point watches	. 6
Table 1-4 Monthly Distribution of Non-Target Species during Vantage Point Surveys	7
Table 1-5 Monthly distribution of target species during Breeding Bird (Adapted Brown & Shephard) Surveys	13
Table 1-6 Monthly Distribution of Non-Target Species during Breeding Bird Surveys	15
Table 1-7 Monthly distribution of observations during Breeding Raptor Surveys	21
Table 1-8 Monthly distribution for target species during Winter Transect Surveys	<u>23</u>
Table 1-9 Monthly Distribution of Non-Target Species during Winter Transect Surveys	25



APPENDIX 8-3 (CORE DATASET SUMMARY TABLES)

Table 1-1 Vantage Point Survey Effort Summary		
Survey Season	Months	Minimum Effort per VP
2017 Breeding Season (3 VPs)	Apr – Sep	36 hours/VP
2017/2018 Non- Breeding Season (3 VPs)	Oct – Mar	36 hours/VP
2018 Breeding Season (4 VPs)	Apr – Sep	36 hours/VP
2018/2019 Non- Breeding Season (4 VPs)	Oct – Mar	36 hours/VP
2019 Breeding Season (4 VPs)	Apr – Sep	36 hours/VP



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
	0017	records													0
	2017	bird-secs													0
Golden Plover	0010	records			1									1	2
Golden Tiover	2018	bird-secs			20									260	280
	2019	records													0
	2019	bird-secs													0
	2017	records									1	1		1	3
	2017	bird-secs									45	78		90	213
Hen Harrier	2018	records			10	1	2		1			1			15
nell namei	2010	bird-secs			1301	15	212		10			43			1,581
	2019	records					2	1	1						4
	2019	bird-secs					360	62	135						557
	0017	records													0
	2017	bird-secs													0
Merlin	2018	records					1								1
Merlin	2018	bird-secs					25								25
	0010	records													0
	2019	bird-secs													0
	0.01	records													0
	2017	bird-secs													0
D	0010	records													0
Peregrine	2018	bird-secs													0
	0010	records	1			1									2
	2019	bird-secs	25			158									183
	0015	records									1				1
Common Tern	2017	bird-secs									44				44
	2018	records												260	0

Table 1-2 Monthly distribution of flight activity for target species during VP Surveys.



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
		bird-secs													0
	2019	records													0
	2019	bird-secs													0
	2017	records				3	6	11	10	10					40
	2017	bird-secs				559	713	1776	2627	782					6,457
Uamina Uull	2018	records		2	3		2		4	1					12
Herring Hull	2010	bird-secs		628	456		102		525	40					1,751
	2019	records		6	9		2	1			4				22
	2019	bird-secs		596	513		206	135			178				1,628
	2017	records													0
	2017	bird-secs													0
Black-headed gull	2018	records													0
Diack-neaded gui	2010	bird-secs													0
	2019	records									4				4
	2013	bird-secs									177				177
	2017	records								1					1
	2017	bird-secs								38					38
Cormorant	0010	records													0
Cormorant	2018	bird-secs													0
	0010	records													0
	2019	bird-secs													0
	2017	records													0
	2017	bird-secs													0
Dummand	2018	records					1								1
Buzzard	2010	bird-secs					47								47
	2019	records				1	1	3	2	1					8
	2019	bird-secs				248	34	319	921	52					1,574
Sparrowhawk	2017	records					1	2			2				5



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
		bird-secs					25	98			38				161
	2018	records				1	1	1	1	1			1		6
	2010	bird-secs				7	20	150	56	5			10		248
	2019	records	2		1	1			1						5
	2019	bird-secs	10		25	25			25						85
	2017	records							2	4	5	1		1	13
	2017	bird-secs							321	385	423	83		180	1,392
Kestrel	2018	records			11	2	2	3	3	1		1		3	26
Kesuei	2010	bird-secs			2403	85	210	545	195	60		2100		415	6,013
	2019	records	13		4	5	2	7	4	6	2				43
	2019	bird-secs	1341		337	744	132	438	524	1183	105				4,804
	2017	records					2								2
	2017	bird-secs					50								50
Spine	2018	records			1	1						2	1		5
Snipe	2010	bird-secs			10	12						63	25		110
	2019	records		2							2				4
	2019	bird-secs		69							101				170

Based on analysis of all flight activity data within focus area, including data from VPs 1, 2, 3 & 04 and observations of flights below and above the collision risk height band. Survey period = April 2017 - September 2019 (Shaded Cells were months not surveyed). Records = No. of Observations. Bird-secs = Total Duration of Flight(s).



Species	Values	VP1	VP2	VP3	VP04	Totals
	Obervations (All Bands)	1	1			2
Golden Plover	Duration in PCH (Band 2 and/or 3, in Seconds)	6,500	600			7,100
Han Hausian	Obervations (All Bands)		1	1		2
Hen Harrier	Duration in PCH (Band 2 and/or 3, in Seconds)		150	15		165
Demonstration	Obervations (All Bands)		1			1
Peregrine	Duration in PCH (Band 2 and/or 3, in Seconds)		158			158
О Т	Obervations (All Bands)			1		1
Common Tern	Duration in PCH (Band 2 and/or 3, in Seconds)			44		44
Hamian Call	Obervations (All Bands)	19	11	5	3	38
Herring Gull	Duration in PCH (Band 2 and/or 3, in Seconds)	13,362	26,249	2788	955	43,354
Buzzard	Obervations (All Bands)	1		2	1	4
Duzzaru	Duration in PCH (Band 2 and/or 3, in Seconds)	248		921	500	1,669
Course la col	Obervations (All Bands)		1			1
Sparrowhawk	Duration in PCH (Band 2 and/or 3, in Seconds)		5			5
Kestrel	Obervations (All Bands)	2	12	6		20
Kestrei	Duration in PCH (Band 2 and/or 3, in Seconds)	103	2331	328		2,762
Sector	Obervations (All Bands)	1	2			3
Snipe	Duration in PCH (Band 2 and/or 3, in Seconds)	192	346			538

Table 1-3 All observations within focus area at PCH for target species during vantage point watches

Based on analysis of all flight data at PCH for each target species recorded between September 2017 and September 2019. Any non-flight observations were excluded from data analysis. PCH=(no. of birds x total duration in PCH). PCH (Potential Collision Height) is considered as the area between 25-175m as a worst case scenario for swept height of the turbine blades.



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Blackbird	2017	Present = X				Х	X	X	Х		Х	Х	X	Х
	2018	Present = X	Х	X	X	X	X	X	X	X	Х	Х	Х	Х
	2019	Present = X	X	X	X	X	X	X	X	X	X			
Blackcap	2017	Present = X												
	2018	Present = X				Х	X	X						
	2019	Present = X												
Blue Tit	2017	Present = X				Х	Х	Х	Х					
	2018	Present = X					Х	Х	Х					
	2019	Present = X												
Bullfinch	2017	Present = X						Х	Х					
	2018	Present = X												
	2019	Present = X												
Chaffinch	2017	Present = X				Х	Х	Х	Х		Х	Х	X	
	2018	Present = X			Х	Х	Х	Х	Х	Х		Х	Х	Х
	2019	Present = X	Х	X	Х	Х	X	Х	Х	Х	Х			
Chiffchaff	2017	Present = X				Х								
	2018	Present = X												
	2019	Present = X				Х								
Coal Tit	2017	Present = X				Х								
	2018	Present = X			Х									
	2019	Present = X												
Crossbill	2017	Present = X												
	2018	Present = X			X									
	2019	Present = X												
Cuckoo	2017	Present = X				Х	Х	Х						
	2018	Present = X				Х	Х	Х						
	2019	Present = X				X	X	Х						

Table 1-4 Monthly Distribution of Non-Target Species during Vantage Point Surveys



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Dunnock	2017	Present = X				Х			Х			Х		
	2018	Present = X	X	X	Х				X			Х	X	
	2019	Present = X		Х	Х				Х	Х	Х			
Fieldfare	2017	Present = X												Х
	2018	Present = X	Х										X	Х
	2019	Present = X												
Goldcrest	2017	Present = X												
	2018	Present = X												
	2019	Present = X			Х									
Goldfinch	2017	Present = X				Х		Х			X		X	
	2018	Present = X				X			X	X	X	X		Х
	2019	Present = X				X	X	Х	X	X	X			
Grasshopper	2017	Present = X					Х	Х						
Warbler	2018	Present = X												
	2019	Present = X					Х							
Great black-backed	2017	Present = X							X					
gull	2018	Present = X												
	2019	Present = X												
Great Tit	2017	Present = X				Х					X			
	2018	Present = X	Х							X		Х		
	2019	Present = X									X			
Great-spotted	2017	Present = X												
woodpecker	2018	Present = X										Х		
	2019	Present = X												
Greenfinch	2017	Present = X												
	2018	Present = X				X								
	2019	Present = X												



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Grey Heron	2017	Present = X								Х				
	2018	Present = X			Х						Х			
	2019	Present = X	Х				Х							
Hooded Crow	2017	Present = X				Х	Х	Х	Х	Х	Х	Х	Х	Х
	2018	Present = X	Х	Х	X	Х	Х	X	Х	X	X	X	Х	X
	2019	Present = X	Х	Х	Х	Х	Х	Х	Х	Х	Х			
House Martin	2017	Present = X							Х					
	2018	Present = X												
	2019	Present = X					Х	X	X	Х				
House Sparrow	2017	Present = X									Х			
	2018	Present = X						Х	Х				Х	X
	2019	Present = X				Х			Х	Х				
Jackdaw	2017	Present = X				Х		Х	Х					
	2018	Present = X												
	2019	Present = X												
Lesser black-backed	2017	Present = X							Х	Х	Х			
Gull	2018	Present = X				Х			Х					
	2019	Present = X									Х			
Lesser Redpoll	2017	Present = X												
	2018	Present = X				Х	Х	Х						
	2019	Present = X	Х		X	X	Х	X	X	Х				
Linnet	2017	Present = X							Х					
	2018	Present = X				Х			Х	Х				
	2019	Present = X				Х								
Long-tailed Tit	2017	Present = X												
	2018	Present = X										Х		
	2019	Present = X												



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Magpie	2017	Present = X				Х	Х	Х	Х	Х	Х	Х	Х	Х
	2018	Present = X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	2019	Present = X	Х	Х	Х	Х	Х	Х	Х	Х	Х			
Mallard	2017	Present = X												
	2018	Present = X				Х					Х			
	2019	Present = X									Х			
Marsh Tit	2017	Present = X							Х				Х	
	2018	Present = X	Х	X	Х			Х	X					
	2019	Present = X						Х						
Mistle Thrush	2017	Present = X												Х
	2018	Present = X				Х	Х	Х	Х				Х	Х
	2019	Present = X	Х	Х	Х	Х	Х	Х	Х	Х				
Pheasant	2017	Present = X				Х	Х	Х				Х		Х
	2018	Present = X	Х		Х	Х	Х	Х	Х				Х	Х
	2019	Present = X	Х	Х	Х	Х	Х	Х	Х	Х				
Pied Wagtail	2017	Present = X				Х		Х	Х		Х	Х	Х	Х
	2018	Present = X	Х	Х	Х		Х	Х	Х	Х	Х	Х	Х	Х
	2019	Present = X	Х	Х	Х	Х	Х	Х	Х	Х	Х			
Raven	2017	Present = X				Х	Х	Х			Х		Х	Х
	2018	Present = X	Х	Х	X	Х	Х	Х	X	Х	Х	X	Х	Х
	2019	Present = X	Х	Х	Х	Х	Х	Х	Х	Х	Х			
Redwing	2017	Present = X												Х
	2018	Present = X	Х	Х	Х								Х	Х
	2019	Present = X	Х											
Reed Bunting	2017	Present = X												
	2018	Present = X							X		X			
	2019	Present = X	Х					X	X	X				



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Robin	2017	Present = X				Х	Х	Х			Х	X	X	
	2018	Present = X			Х	Х	Х	Х	Х	Х	Х	Х		Х
	2019	Present = X		X	Х	Х	X	X	X	Х				
Rook	2017	Present = X				Х	X	X	Х	Х	X	Х	Х	Х
	2018	Present = X	Х	Х	Х	Х	Х	Х	Х	Х	Х	X	Х	Х
	2019	Present = X	Х	Х	Х	Х	Х	X	Х	Х	Х			
Sand Martin	2017	Present = X												
	2018	Present = X						Х						
	2019	Present = X												
Sedge Warbler	2017	Present = X						X						
	2018	Present = X												
	2019	Present = X					Х	X						
Siskin	2017	Present = X					Х	Х	Х					
	2018	Present = X			Х		Х	Х	Х					
	2019	Present = X		X							X			
Skylark	2017	Present = X				Х	Х							
	2018	Present = X			Х	X	X	X	X					
	2019	Present = X				Х	Х		Х	Х				
Song Thrush	2017	Present = X				Х		Х	X					
	2018	Present = X	Х				Х	Х	Х			Х	Х	
	2019	Present = X		X	Х	X	X	X						
Starling	2017	Present = X				Х	X	X	Х	Х	X	Х	Х	Х
	2018	Present = X	Х	Х	Х	Х	Х	Х	X	Х	Х	Х	Х	Х
	2019	Present = X	Х	Х	Х	Х	Х	Х	Х	Х	Х			
Stock Dove	2017	Present = X												
	2018	Present = X	Х											
	2019	Present = X												



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Stonechat	2017	Present = X				Х		X				Х	Х	X
	2018	Present = X		X								Х		
	2019	Present = X		X	Х			Х	X	Х				
Swallow	2017	Present = X					X				Х			
	2018	Present = X				Х	Х	Х	Х	Х	Х			
	2019	Present = X					X	X	X	Х	X			
Willow Warbler	2017	Present = X						X						
	2018	Present = X					Х	Х						
	2019	Present = X				Х	X	X	X					
Wood Pigeon	2017	Present = X				Х	Х	X	X	Х	Х	Х	Х	X
	2018	Present = X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	2019	Present = X	X	X	Х	Х	X	X	X	Х	X			
Wren	2017	Present = X				Х	X	X	X	Х	X	Х	Х	X
	2018	Present = X	Х	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	X
	2019	Present = X	X	X	Х	Х	X	X	X	Х	X			
Based on analysis of months not surveyed		vity data within focus are	a , includ	ing data fi	om VPs :	1, 2, 3 & 0	14. Surve	y period =	= April 20	17 - Septe	mber 201	9 (Shadeo	d Cells we	ere



Table 1-5 Monthly	v distribution of tar	get species du	ring Breeding Bird	' (Adapted Brown & Sh	ephard) Surveys.

Species	Year	Standardised	Apr	May	Jun	Jul	Totals
	2017	No. of observations					0
	2017	No. of individuals					0
Hender Cerll	2018	No. of observations					0
Herring Gull	2018	No. of individuals					0
	2019	No. of observations	1				1
	2019	No. of individuals	7				7
	2017	No. of observations					0
	2017	No. of individuals					0
Buzzard	2018	No. of observations					0
buzzaro	2018	No. of individuals					0
	2019	No. of observations	1		1		2
		No. of individuals	1		1		2
	2017	No. of observations				1	1
		No. of individuals				1	1
Samanakanda	0010	No. of observations	1			1	2
Sparrowhawk	2018	No. of individuals	1			1	2
	9010	No. of observations	2			1	3
	2019	No. of individuals	3			1	4
	2017	No. of observations				3	3
	2017	No. of individuals				3	3
Kestrel	9019	No. of observations				1	1
Kestrei	2018	No. of individuals				1	1
	2019	No. of observations	2				2
	2019	No. of individuals	2				2



Species	Year	Standardised	Apr	May	Jun	Jul	Totals
	0017	No. of observations	4				4
	2017	No. of individuals	8				8
Serie a	2018	No. of observations	2				2
Snipe	2018	No. of individuals	2				2
	2019	No. of observations		4	1	2	7
		No. of individuals		5	1	2	8
	2017	No. of observations	5	6	8	8	27
		No. of individuals	10	6	11	8	35
Maadam Direit	2018	No. of observations	15	24	12	15	66
Meadow Pipit	2010	No. of individuals	18	24	15	24	81
	2019	No. of observations		15	15	17	47
	2013	No. of individuals		23	27	31	81



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Table 1-6 Monthly Distribution of Non	-Target Speci	es during Breedi	ng Bird Surve

Species	Year	Standardised	Apr	May	Jun	Jul
	2017	Present = X	X	Х	Х	Х
Blackbird	2018	Present = X	Х	Х	Х	
	2019	Present = X			X	Х
	2017	Present = X				
Blackcap	2018	Present = X	Х	Х		
	2019	Present = X		Х	Х	
	2017	Present = X	Х	Х	Х	Х
Blue Tit	2018	Present = X			Х	Х
	2019	Present = X				
	2017	Present = X		Х	Х	Х
Bullfinch	2018	Present = X				
	2019	Present = X				
	2017	Present = X	Х	Х	Х	Х
Chaffinch	2018	Present = X	Х	Х	Х	Х
	2019	Present = X		Х	X	X
	2017	Present = X				Х
Chiffchaff	2018	Present = X	Х	Х		
	2019	Present = X		Х		
	2017	Present = X	Х			
Coal Tit	2018	Present = X	Х			
	2019	Present = X		Х	X	
	2017	Present = X		Х		
Cuckoo	2018	Present = X	Х	Х		
	2019	Present = X			Х	



Species	Year	Standardised	Apr	May	Jun	Jul
	2017	Present = X	Х	Х		Х
Dunnock	2018	Present = X	Х	X		X
	2019	Present = X				
	2017	Present = X		X		
Fieldfare	2018	Present = X				
	2019	Present = X				
	2017	Present = X	Х			
Garden Warbler	2018	Present = X			Х	
	2019	Present = X				
	2017	Present = X			X	
Goldcrest	2018	Present = X	Х	X	X	
	2019	Present = X			X	X
	2017	Present = X	Х			
Goldfnch	2018	Present = X				
	2019	Present = X				
	2017	Present = X	Х			
Grasshopper Warbler	2018	Present = X				
	2019	Present = X				
	2017	Present = X				
Great Spotted Woodpecker	2018	Present = X				Х
	2019	Present = X				
	2017	Present = X	Х	X	X	
Great Tit	2018	Present = X				X
	2019	Present = X				
Hooded Crow	2017	Present = X		X	X	



Species	Year	Standardised	Apr	May	Jun	Jul
	2018	Present = X				
	2019	Present = X				
	2017	Present = X	Х			
House Sparrow	2018	Present = X				
	2019	Present = X				
	2017	Present = X		Х		
Jackdaw	2018	Present = X				
	2019	Present = X				
	2017	Present = X				
Lesser Redpoll	2018	Present = X	Х	Х		
	2019	Present = X				
	2017	Present = X		Х		
Linnet	2018	Present = X				
	2019	Present = X				
	2017	Present = X		Х		
Long-tailed Tit	2018	Present = X				
	2019	Present = X				
	2017	Present = X	Х	Х	Х	Х
Magpie	2018	Present = X				
	2019	Present = X				
	2017	Present = X			Х	Х
Marsh Tit	2018	Present = X				
	2019	Present = X				
Minda Through	2017	Present = X				
Mistle Thrush	2018	Present = X		X		



Species	Year	Standardised	Apr	May	Jun	Jul
	2019	Present = X		Х		
	2017	Present = X	Х	Х		
Pheasant	2018	Present = X		Х		
	2019	Present = X				
	2017	Present = X	Х	Х	Х	Х
Pied Wagtail	2018	Present = X	Х	Х		Х
	2019	Present = X				
	2017	Present = X		Х		
Raven	2018	Present = X				Х
	2019	Present = X				
	2017	Present = X	Х			
Reed Bunting	2018	Present = X	Х	Х	Х	Х
	2019	Present = X			Х	Х
	2017	Present = X	Х	Х		Х
Robin	2018	Present = X	Х			Х
	2019	Present = X		Х		
	2017	Present = X		Х		
Rook	2018	Present = X		Х	Х	
	2019	Present = X				
	2017	Present = X		Х		Х
Sedge Warbler	2018	Present = X				
	2019	Present = X			Х	
	2017	Present = X	X		X	Х
Siskin	2018	Present = X			X	Х
	2019	Present = X				



Species	Year	Standardised	Apr	May	Jun	Jul
	2017	Present = X	Х			
Skylark	2018	Present = X	Х	Х	Х	Х
	2019	Present = X		Х	Х	
	2017	Present = X	Х	Х	Х	
Song Thrush	2018	Present = X				
	2019	Present = X				Х
	2017	Present = X		Х		
Starling	2018	Present = X				
	2019	Present = X				
	2017	Present = X	Х	Х		
Stonechat	2018	Present = X	Х	Х	Х	X
	2019	Present = X		Х	Х	X
	2017	Present = X		Х		
Whitethroat	2018	Present = X		Х		
	2019	Present = X			Х	
	2017	Present = X			Х	
Willow Tit	2018	Present = X				
	2019	Present = X				
	2017	Present = X	Х	Х	Х	
Willow Warbler	2018	Present = X	Х	Х		Х
	2019	Present = X		Х	Х	
	2017	Present = X	Х	Х	Х	
Wood Pigeon	2018	Present = X				
	2019	Present = X			Х	Х
Wren	2017	Present = X	Х	Х	Х	X



Species	Year	Standardised	Apr	May	Jun	Jul
	2018	Present = X	Х	Х	Х	Х
	2019	Present = X		Х	Х	Х



Table 1-7 Monthly distribution of observations during Breeding Raptor Surveys

Species	Year	Standardised	Apr	May	Jun	Jul	Totals
	2017	No. of observations		2	3		5
	2017	No. of individuals		3	3		6
Hen Harrier	2018	No. of observations	1	3	2	1	7
Hen Harrier	2018	No. of individuals	1	3	2	1	7
	2019	No. of observations	2	3	1	3	9
	2019	No. of individuals	2	3	1	3	9
	2017	No. of observations				1	1
	2017	No. of individuals				2	2
Davis min s	2018	No. of observations					0
Peregrine	2018	No. of individuals					0
	2019	No. of observations					0
	2019	No. of individuals					0
	2017	No. of observations	2	3	5	2	12
	2017	No. of individuals	2	3	5	2	12
Second	0010	No. of observations		1			1
Sparrowhawk	2018	No. of individuals		1			1
	2019	No. of observations			1		1
	2019	No. of individuals			2		2
	9017	No. of observations	1	3	4	4	12
	2017	No. of individuals	1	3	4	4	12
Kastal	2018	No. of observations		1			1
Kestrel	2010	No. of individuals		1			1
	2019	No. of observations		1			1
	2019	No. of individuals		1			1



Species	Year	Standardised	Apr	May	Jun	Jul	Totals
Buzzard	2017	No. of observations					0
		No. of individuals					0
	2018	No. of observations					0
		No. of individuals					0
	2019	No. of observations			1		1
		No. of individuals			1		1



Table 1-8 Monthly distribution for target species during Winter Transect Surveys

Species	Year	Standardised	Jan	Mar	Oct	Dec	Totals
	2017	No. of observations					0
		No. of individuals					0
Hen Harrier	2018	No. of observations					0
Hen Harrier	2018	No. of individuals					0
	9010	No. of observations	1	2			3
	2019	No. of individuals	2	3			5
	0017	No. of observations					0
	2017	No. of individuals					0
Merlin	9010	No. of observations					0
Weimi	2018	No. of individuals					0
	2019	No. of observations		1			1
		No. of individuals		1			1
	2017	No. of observations					0
		No. of individuals					0
Louving	2018	No. of observations			1		1
Lapwing		No. of individuals			3		3
	2019	No. of observations					0
		No. of individuals					0
	2017	No. of observations					0
Herring Gull	2017	No. of individuals					0
	2018	No. of observations			1		1
	2010	No. of individuals			4		4
	2019	No. of observations	3				3
		No. of individuals	9				9
Sparrowhawk	2017	No. of observations			3	1	4
Sparomawk	2017	No. of individuals			3	1	4



Species	Year	Standardised	Jan	Mar	Oct	Dec	Totals
	0010	No. of observations					0
	2018	No. of individuals					0
	9010	No. of observations					0
	2019	No. of individuals					0
	9017	No. of observations			2	1	3
	2017	No. of individuals			2	1	3
Kestrel	2018	No. of observations			4		4
Kestrei		No. of individuals			4		4
	2019	No. of observations	3	1			4
		No. of individuals	3	1			4
	2017	No. of observations					0
Snipe		No. of individuals					0
	2018	No. of observations					0
		No. of individuals					0
	2019	No. of observations		3			3
		No. of individuals		4			4



Table 1-9 Monthly Distribution of Non-Target Species during Winter Transect Surveys

Species	Year	Standardised	Jan	Mar	Oct	Dec
Blackbird	2017	Present = X				Х
	2018	Present = X		Х	Х	Х
	2019	Present = X				
	2017	Present = X		-		
Blue Tit	2018	Present = X			Х	
	2019	Present = X				
	2017	Present = X				Х
Chaffinch	2018	Present = X		Х	Х	Х
	2019	Present = X				
	2017	Present = X				
Coal tit	2018	Present = X			X	
	2019	Present = X				
	2017	Present = X				Х
Dunnock	2018	Present = X			Х	
	2019	Present = X				
	2017	Present = X				
Goldfinch	2018	Present = X		X	Х	
	2019	Present = X				
Great tit	2017	Present = X				Х
	2018	Present = X		X	X	
	2019	Present = X				
Handad Crown	2017	Present = X				Х
Hooded Crow	2018	Present = X		Х	X	Х



Species	Year	Standardised	Jan	Mar	Oct	Dec
	2019	Present = X	X	X		
	2017	Present = X				
Grey Heron	2018	Present = X				
	2019	Present = X		X		
	2017	Present = X				
House sparrow	2018	Present = X				X
	2019	Present = X				
	2017	Present = X				X
Jackdaw	2018	Present = X			Х	
	2019	Present = X				
	2017	Present = X				X
Magpie	2018	Present = X			Х	
	2019	Present = X				
	2017	Present = X				
Mallard	2018	Present = X				
	2019	Present = X	X			
	2017	Present = X				X
Marsh Tit	2018	Present = X		Х		
	2019	Present = X				
	2017	Present = X				X
Meadow pipit	2018	Present = X		X	Х	X
	2019	Present = X	X	Х		
Pheasant	2017	Present = X				X
	2018	Present = X		X	Х	X
	2019	Present = X				
Dialana stati	2017	Present = X				X
Pied wagtail	2018	Present = X		X	Х	



Species	Year	Standardised	Jan	Mar	Oct	Dec
	2019	Present = X				
	2017	Present = X				X
Raven	2018	Present = X		X		
	2019	Present = X	X	X		
	2017	Present = X				Х
Redwing	2018	Present = X				
	2019	Present = X				
	2017	Present = X				
Reed bunting	2018	Present = X	X			
	2019	Present = X				
	2017	Present = X				Х
Robin	2018	Present = X			X	
	2019	Present = X				
	2017	Present = X				Х
Rook	2018	Present = X			Х	
	2019	Present = X				
	2017	Present = X				
Siskin	2018	Present = X			Х	
	2019	Present = X				
	2017	Present = X				Х
Song thrush	2018	Present = X		X	Х	
	2019	Present = X	X			
	2017	Present = X				Х
Starling	2018	Present = X			Х	
	2019	Present = X				
	2017	Present = X				
Stonechat	2018	Present = X			Х	



Species	Year	Standardised	Jan	Mar	Oct	Dec
	2019	Present = X				
Swallow	2017	Present = X				
	2018	Present = X			Х	
	2019	Present = X				
	2017	Present = X				Х
Wood pigeon	2018	Present = X		Х	Х	
	2019	Present = X				
Wren	2017	Present = X				
	2018	Present = X		Х	Х	
	2019	Present = X	X	Х		