



APPENDIX 7-3

BIRD SURVEY SUMMARY
TABLES



Appendix 7-3 – Summary Tables

Glenard Wind Farm





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APPENDIX 7-3 (SUMMARY TABLES)

Table 1 Vantage Point Survey Effort Summary Table

Survey Season	Months	Minimum Effort per VP
2016/2017 Non-Breeding Season (6 VPs)	Sep - Mar	36 hours/VP
2017 Breeding Season (6 VPs)	Apr - Sep	36 hours/VP
2017/2018 Non-Breeding Season (6 VPs)	Oct - Mar	36 hours/VP
2018 Breeding Season (6 VPs)	Apr - Sep	36 hours/VP
2018/2019 Non-Breeding Season (6 VPs)	Oct - Mar	36 hours/VP
2019 Breeding Season (6 VPs)	Apr - Sep	36 hours/VP
2021 Non-Breeding Season (7 VPs)	Jan – Mar	18 hours/VP
2021 Breeding Season (7 VPs)	Apr – Sep	36 hours/VP



Table 2 Monthly distribution of flight activity for the target species recorded during vantage point surveys

Table 2 Monthly distribut Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
	0016	records										3	5	1	9
	2016	bird-secs										149	197	42	388
	2017	records	1									1	3		5
	2017	bird-secs	64									79	295		438
7A71 C	2018	records	1									3			4
Whooper Swan	2016	bird-secs	65									120			185
	2019	records													0
	2019	bird-secs													0
	2021	records													0
	2021	bird-secs													0
	2016	records													0
	2010	bird-secs													0
	9017	records		1		6									7
	2017	bird-secs		47		895									942
C .1.1 D1	0010	records											1		1
Golden Plover	2018	bird-secs											15		15
	2010	records	1	1											2
	2019	bird-secs	15	5											20
	0001	records													0
	2021	bird-secs													0
	2016	records										3	1	3	7
	2016	bird-secs										147	40	165	352
	9017	records	1		2				1	1		1	1		7
	2017	bird-secs	110		133				111	105		113	144		716
II IIt.	0010	records			2		3			2	4	1	1	1	14
Hen Harrier	2018	bird-secs			153		52			460	505	191	32	20	1,413
	2010	records	4		2	3	2	1			1				13
	2019	bird-secs	320		495	29	207	280			500				1,831
	0001	records	4	5	3			2		1	5				20
	2021	bird-secs	1,066	1,870	1,133			121		74	871				5,135
N.C. 1:	0016	records													0
Merlin	2016	bird-secs													0



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
	0017	records													0
	2017	bird-secs													0
	2018	records											1		1
	2016	bird-secs											40		40
	2019	records		1	1	2				1					5
	2019	bird-secs		45	8	148				90					291
	2021	records	1	1	2		2	1	1			_			8
	2021	bird-secs	29	31	298		47	27	17						449
	2016	records													0
	2010	bird-secs													0
	2017	records			1				1						2
	2017	bird-secs			27				74						101
Peregrine	2018	records			1		1						1		3
reregime	2010	bird-secs			75		20						30		125
	2019	records								2	1	_			3
	2015	bird-secs								150	30				180
	2021	records		1				1		2	1	_			5
	2021	bird-secs		49				56		90	32				227
	2016	records													0
	2010	bird-secs													0
	2017	records				7									7
	2017	bird-secs				2727									2,727
Golden Eagle	2018	records	1							1					2
Coldon 2mg/c	2010	bird-secs	81							25					106
	2019	records								2		1			2
		bird-secs								40					40
	2021	records										1			0
	1 2021	bird-secs											T	1	0
	2016	records													0
		bird-secs													0
White-tailed Eagle	2017	records													0
		bird-secs													0
	2018	records									1				1



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
		bird-secs									20				20
	0010	records													0
	2019	bird-secs													0
	0001	records													0
	2021	bird-secs													0
	2016	records													0
	2016	bird-secs													0
	0017	records													0
	2017	bird-secs													0
0	0010	records								1					1
Osprey	2018	bird-secs								20					20
	0010	records													0
	2019	bird-secs													0
	0001	records													0
	2021	bird-secs													0
	2016	records													0
	2016	bird-secs													0
	2017	records													0
	2017	bird-secs													0
Redshank	0010	records										1			1
Redshank	2018	bird-secs										110			110
	0010	records													0
	2019	bird-secs													0
	2021	records													0
	2021	bird-secs													0
	2016	records										1	2		3
	2010	bird-secs										62	115		177
	9017	records	2	1											3
Black-headed Gull	2017	bird-secs	87	37										•	124
Diack-neaded Gull	0010	records													0
	2018	bird-secs													0
	2010	records													0
	2019	bird-secs													0



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
	0001	records													0
	2021	bird-secs													0
	0016	records													0
	2016	bird-secs													0
	2017	records													0
	2017	bird-secs													0
Hamin or Cull	2018	records					4		4						8
Herring Gull	2016	bird-secs					666		169						835
	2019	records					1	3	1						5
	2019	bird-secs					300	304	22						626
	2021	records													0
	2021	bird-secs													0
	2016	records													0
	2010	bird-secs													0
	2017	records												1	1
	2017	bird-secs												50	50
Wigeon	2018	records													0
Wigcon	2010	bird-secs													0
	2019	records													0
	2013	bird-secs													0
	2021	records													0
	2021	bird-secs													0
	2016	records												1	1
	2010	bird-secs												45	45
	2017	records						1							1
	2017	bird-secs						130							130
Common Gull	2018	records													0
Common Gun	2010	bird-secs													0
	2019	records													0
	2013	bird-secs													0
	2021	records													0
		bird-secs													0
Greylag Goose	2016	records											1	1	2



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
		bird-secs											35	55	90
	2017	records													0
	2017	bird-secs													0
	2018	records	1	1	1										3
	2016	bird-secs	63	35	95										193
	2019	records													0
	2019	bird-secs													0
	2021	records													0
	2021	bird-secs													0
	2016	records											1		1
	2010	bird-secs													0
	2017	records	1		1	1						1			4
	2017	bird-secs				20									20
Mallard	2018	records	1	1											2
Manaru	2016	bird-secs													0
	2019	records													0
	2019	bird-secs													0
	2021	records													0
	2021	bird-secs													0
	2016	records										2		1	3
	2016	bird-secs										109		30	139
	2017	records			2		1				1	2		1	7
	2017	bird-secs			102		40				59	157		91	449
C II	2018	records					1				1	2			4
Grey Heron	2016	bird-secs					16				70	166			252
	2019	records				2		1							3
	2019	bird-secs				67		72							139
	0001	records													0
	2021	bird-secs													0
	0016	records										1		2	3
0.1	2016	bird-secs										63		142	205
Curlew	0017	records													0
	2017	bird-secs													0



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
	2010	records													0
	2018	bird-secs													0
	0010	records													0
	2019	bird-secs													0
	2021	records							1						1
	2021	bird-secs							180						180
	2016	records											1	1	2
	2010	bird-secs											16	13	29
	2017	records											1		1
	2017	bird-secs											15		15
Woodcock	2018	records													0
WOOdcock	2016	bird-secs													0
	2019	records	1												1
	2019	bird-secs	8												8
	2021	records													0
	2021	bird-secs													0
	2016	records										7	6	3	16
	2010	bird-secs										692	275	166	1,133
	2017	records	4	5	12	5	9	9	2	5	4	7	4	3	69
	2017	bird-secs	259	268	1172	2209	2212	2162	988	474	278	534	254	395	11,205
Buzzard	2018	records	2	4	3		6	9	4	3	1	3			35
Duzzuru	2010	bird-secs	176	424	600		461	580	390	510	10	288			3,439
	2019	records		11	5	13	7	6	8	1	1				52
	2010	bird-secs		1300	261	1067	1408	718	1354	240	25	_			6,373
	2021	records	1	15	8	4	8	7	5	2	8				58
	2021	bird-secs	79	6,293	3,029	300	1,311	1,423	553	343	1,260				14,591
	2016	records									1	2	2	1	6
	2010	bird-secs		_	_					_	9	86	62	21	178
	2017	records			2						1		2		5
Sparrowhawk	2017	bird-secs			73						32		57		162
	2018	records	1		1			2	1	1	5	1	1	1	14
		bird-secs	40		47			7	5	80	1435	44	150	5	1,813
	2019	records	1	1	2	2		1	1	4	1				13



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
		bird-secs	10	3	14	468		62	54	188	15				814
	9091	records		3	2		3	2	1	1	6				18
	2021	bird-secs		295	343		123	453	69	16	566				1,865
	2016	records										1	1	2	4
	2010	bird-secs										38	20	345	403
	2017	records	3	1	1	1	1	2	10	2	4	2		2	29
	2017	bird-secs	330	201	422	148	75	275	3015	718	574	206		414	6,378
Kestrel	2010	records	2	4	3	1	1		2	3	2	1	1		20
Kestrei	2018	bird-secs	406	1320	357	60	265		340	420	208	23	230		3,629
	2019	records	1		1	2			6	2	1				13
	2019	bird-secs	20		14	139			455	460	500				1,588
	9091	records	1	2		1	2	1	4	2	4				17
	2021	bird-secs	510	105		150	240	285	229	245	976				2,740
	2016	records										3	7	2	12
	2010	bird-secs										40	77	52	169
	2017	records		2	3		1								6
	2017	bird-secs		35	74		300								409
Common Spino	2018	records										1	2		3
Common Snipe	2016	bird-secs										18	23		41
	2019	records	1				2	1							4
	2019	bird-secs	20				540	16							576
	9091	records													0
	2021	bird-secs													0

Based on analysis of all flight activity data within focus area, including data from VPs 1-7 and observations of flights below PCH. Survey period = September 2016 - September 2019 and January – September 2021 (Shaded Cells were months not surveyed). Records = Number of Observations. Bird-secs = Total Duration of Flight(s).



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

Species	Values	VP1/1a	VP2/2a	VP3/3a	VP4	VP5/5a	VP6	VP7	Totals
747l	Observations (All Bands)	4	1	4	4	2	3		18
Whooper Swan	Duration in PCH (25-175m, in Seconds)	285	42	144	201	70	129		871
Golden Plover	Observations (All Bands)			5	1	1	3		10
Golden Plover	Duration in PCH (25-175m, in Seconds)			635	0	0	242		877
II II	Observations (All Bands)	6	8	9	11	11	14	2	61
Hen Harrier	Duration in PCH (25-175m, in Seconds)	193	491	341	167	192	71	25	1,480
Martin	Observations (All Bands)	2		1		1	8	2	14
Merlin	Duration in PCH (25-175m, in Seconds)	30		0		0	105	0	135
D	Observations (All Bands)	1	2	2	1	1	6		13
Peregrine	Duration in PCH (25-175m, in Seconds)	70	0	27	58	0	20		175
Golden Eagle	Observations (All Bands)	2	1	1	1		6		11
Golden Lagie	Duration in PCH (25-175m, in Seconds)	25	510	80	126		1560		2,301
White toiled Feels	Observations (All Bands)					1			1
White-tailed Eagle	Duration in PCH (25-175m, in Seconds)					0			0
Oceanory	Observations (All Bands)	1							1
Osprey	Duration in PCH (25-175m, in Seconds)	10							10
Redshank	Observations (All Bands)					1			1
Redshank	Duration in PCH (25-175m, in Seconds)					0			0
Black-headed Gull	Observations (All Bands)	2	1		2	1			6
Diack-neaded Guii	Duration in PCH (25-175m, in Seconds)	81	62		121	26			290
Herring Gull	Observations (All Bands)	1		6	1	1	4		13
Herring Gun	Duration in PCH (25-175m, in Seconds)	300		172	95	0	311		878
TA7:	Observations (All Bands)		1						1
Wigeon	Duration in PCH (25-175m, in Seconds)		50						50
Common Gull	Observations (All Bands)		1		1				2
Common Guii	Duration in PCH (25-175m, in Seconds)		45		130				175
Carada a Caraca	Observations (All Bands)	1	2	1	1				5
Greylag Goose	Duration in PCH (25-175m, in Seconds)	55	95	63	0				213
Mallard	Observations (All Bands)	2	1		1	3			7
Manard	Duration in PCH (25-175m, in Seconds)	0	0		0	0			0
Cnov. Honor	Observations (All Bands)	2	3	5	3	3	1		17
Grey Heron	Duration in PCH (25-175m, in Seconds)	175	217	163	113	180	33		881
Curlew	Observations (All Bands)	2					1	1	4



Species	Values	VP1/1a	VP2/2a	VP3/3a	VP4	VP5/5a	VP6	VP7	Totals
	Duration in PCH (25-175m, in Seconds)	124					81	0	205
Woodcock	Observations (All Bands)	1			1	1	1		4
WOOdcock	Duration in PCH (25-175m, in Seconds)	0			5	8	0		13
Buzzard	Observations (All Bands)	34	56	30	28	33	37	13	231
Duzzaru	Duration in PCH (25-175m, in Seconds)	2,817	5,774	2,226	1,679	1,353	4,315	2,563	20,727
Smannovichovida	Observations (All Bands)	9	11	17	3	7	8	1	56
Sparrowhawk	Duration in PCH (25-175m, in Seconds)	516	14	222	0	354	104	0	1,210
Kestrel	Observations (All Bands)	13	19	12	10	9	13	7	83
Kestrei	Duration in PCH (25-175m, in Seconds)	1,472	1,885	300	630	541	1986	719	7,533
Camana Saina	Observations (All Bands)	3	8	2	3	3	6		25
Common Snipe	Duration in PCH (25-175m, in Seconds)	0	41	0	0	317	547		905

Based on analysis of all flight data at PCH for each target species recorded between September 2016 and September 2019 and January to September 2021 (VP7 was only surveyed between January and September 2021). 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 all flights which occurred above 25m as a worst-case scenario for swept height of the turbine blades.



Table 4 Summary of Non-Target Species observations during Vantage Point Surveys

Table 4 Summary of Non-Target S Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
-	2016	Present = X									-		X	X
	2017	Present = X	X		X					X	X	X	X	21
Cormorant	2018	Present = X	71		21					21	21	21	21	
	2019	Present = X												
	2016	Present = X												
	2017	Present = X		1	T T	X	X	X	X	T T				
Lesser Black-backed Gull	2018	Present = X					X	X	X	X				
	2019	Present = X		X	X	X	X	X						
	2016	Present = X		111	111	111	111	11				X		
	2017	Present = X					X					X		X
Greater Black-backed Gull	2018	Present = X	X		X	X	X	X	X					X
	2019	Present = X	-		1	X	X	X						
	2016	Present = X										X		
	2017	Present = X												
Greater Canada Goose	2018	Present = X												
	2019	Present = X												
	2016	Present = X										X		
	2017	Present = X												
Jack Snipe	2018	Present = X										X		
	2019	Present = X												
	2016	Present = X												
O 147 ()	2017	Present = X												
Grey Wagtail	2018	Present = X						X						
	2019	Present = X	X		X			X						
	2016	Present = X			•		•				X			
M. 1. D	2017	Present = X	X	X	X	X	X	X	X	X	X	X	X	X
Meadow Pipit	2018	Present = X	X	X	X	X	X	X	X	X	X	X	X	X
	2019	Present = X	X	X	X	X	X	X	X	X	X			
	2016	Present = X												
T:4-	2017	Present = X		X										
Twite	2018	Present = X												
	2019	Present = X								X				
Blackbird	2016	Present = X												



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2017	Present = X	X		X	X	X	X	X	X	X	X	X	X
	2018	Present = X	X	X		X	X			X	X	X		
	2019	Present = X	X	X	X		X	X	X					
	2016	Present = X												
D11	2017	Present = X												
Blackcap	2018	Present = X												
	2019	Present = X					X							
	2016	Present = X												
Blue Tit	2017	Present = X		X	X				X					X
blue 1 it	2018	Present = X			X								X	
	2019	Present = X												
	2016	Present = X												
Bullfinch	2017	Present = X	X	X	X									
Бинппсп	2018	Present = X												X
	2019	Present = X	X	X	X					X				
	2016	Present = X											X	
Carrion Crow	2017	Present = X										X		
Carrion Crow	2018	Present = X												
	2019	Present = X												
	2016	Present = X												
Chaffin ab	2017	Present = X		X	X	X	X	X	X	X	X	X	X	X
Chaffinch	2018	Present = X		X	X	X	X	X	X	X	X		X	X
	2019	Present = X	X	X	X	X	X	X	X	X	X			
	2016	Present = X												
Chiffchaff	2017	Present = X												X
Cmiichan	2018	Present = X	X											
	2019	Present = X												
	2016	Present = X												
Coal Tit	2017	Present = X	X		X	X		X	X					X
Coar 1 it	2018	Present = X	X			X	X		X				X	
	2019	Present = X	X	X	X	X			X	X	X			
	2016	Present = X												
Crossbill	2017	Present = X		X										
	2018	Present = X	X	X			X			X				X



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2019	Present = X	X	X	X									
	2016	Present = X												
Cualana	2017	Present = X				X	X	X						
Cuckoo	2018	Present = X				X	X	X	X					
	2019	Present = X					X	X						
	2016	Present = X												
Dunnock	2017	Present = X			X									X
Dulliock	2018	Present = X							X					
	2019	Present = X								X				
	2016	Present = X												
E1 D:	2017	Present = X			X									
Feral Pigeon	2018	Present = X												
	2019	Present = X												
	2016	Present = X												
Fieldfare	2017	Present = X	X	X										
rieidiare	2018	Present = X											X	
	2019	Present = X	X	X	X									
	2016	Present = X												
Goldcrest	2017	Present = X				X	X	X						
Goldcrest	2018	Present = X	X	X		X	X			X				
	2019	Present = X	X	X	X	X	X		X	X	X			
	2016	Present = X												
Goldfinch	2017	Present = X										X		
Goldlinch	2018	Present = X				X				X				
	2019	Present = X									X			
	2016	Present = X												
Great Tit	2017	Present = X	X	X	X				X	X	X	X	X	
Great 11t	2018	Present = X	X	X	X				X			X	X	
	2019	Present = X		X	X									
	2016	Present = X									X	X	X	X
Hooded Crow	2017	Present = X	X	X	X	X	X	X	X	X	X	X	X	X
nooaea Crow	2018	Present = X	X	X	X	X	X	X	X	X	X	X	X	X
	2019	Present = X	X	X	X	X	X	X	X	X	X			
House Martin	2016	Present = X												



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2017	Present = X												
	2018	Present = X					X							
	2019	Present = X							X					
	2016	Present = X									X	X	X	X
Jackdaw	2017	Present = X			X		X							
Jackuaw	2018	Present = X	X	X							X			X
	2019	Present = X					X	X						
	2016	Present = X									X	X	X	X
T	2017	Present = X	X	X			X		X				X	
Jay	2018	Present = X	X	X	X	X		X	X	X	X	X		
	2019	Present = X	X	X			X		X	X				
	2016	Present = X												
T D 1 11	2017	Present = X					X		X					
Lesser Redpoll	2018	Present = X							X	X			X	X
	2019	Present = X	X		X		X		X	X	X			
	2016	Present = X												
T * 4	2017	Present = X							X					
Linnet	2018	Present = X								X				
	2019	Present = X									X			
	2016	Present = X												
T 4 1 1 779	2017	Present = X	X											
Long-tailed Tit	2018	Present = X												
	2019	Present = X												
	2016	Present = X									X	X	X	X
M	2017	Present = X	X	X	X	X	X	X	X	X	X	X	X	X
Magpie	2018	Present = X	X	X	X	X	X	X		X	X	X		X
	2019	Present = X		X		X	X		X					
	2016	Present = X												
M: 1 TH 1	2017	Present = X				X	X	X					X	X
Mistle Thrush	2018	Present = X				X	X	X	X	X			X	
	2019	Present = X	X	X	X	X	X	X	X					
	2016	Present = X										X		X
Pheasant	2017	Present = X	X		X									
	2018	Present = X												



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2019	Present = X												
	2016	Present = X												
D:l W/t:1	2017	Present = X												
Pied Wagtail	2018	Present = X						X				X	X	
	2019	Present = X	X		X									
	2016	Present = X									X	X	X	X
Raven	2017	Present = X	X	X	X	X	X	X	X	X	X	X	X	X
Raveii	2018	Present = X	X	X	X	X	X	X	X	X	X	X	X	X
	2019	Present = X	X	X	X	X	X	X	X	X	X			
	2016	Present = X												
Redwing	2017	Present = X												
Redwing	2018	Present = X											X	
	2019	Present = X	X		X									
	2016	Present = X												
Reed Bunting	2017	Present = X			X	X								
Reed Building	2018	Present = X	X				X	X						
	2019	Present = X	X	X	X									
	2016	Present = X												
Robin	2017	Present = X	X	X	X	X	X	X	X	X	X	X	X	X
KODIII	2018	Present = X	X	X	X	X	X		X		X	X	X	X
	2019	Present = X	X	X	X	X	X	X	X	X	X			
	2016	Present = X												X
Rook	2017	Present = X										X		
NOOK	2018	Present = X									X		X	
	2019	Present = X												
	2016	Present = X												
Sedge Warbler	2017	Present = X												
Seage warbier	2018	Present = X										X		
	2019	Present = X												
	2016	Present = X												
Siskin	2017	Present = X				X			X					
SISKIII	2018	Present = X					X						X	X
	2019	Present = X			X	X		X	X	X	X			
Skylark	2016	Present = X												



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2017	Present = X		X	X	X	X	X		X		X		
	2018	Present = X		X	X	X	X	X	X	X				
	2019	Present = X			X		X	X	X					
	2016	Present = X												
C Th	2017	Present = X	X	X		X	X	X		X	X	X	X	
Song Thrush	2018	Present = X	X	X	X	X	X		X			X	X	
	2019	Present = X			X		X	X	X					
	2016	Present = X										X		
C+1:	2017	Present = X	X			X	X		X				X	
Starling	2018	Present = X						X	X	X		X	X	X
	2019	Present = X	X	X					X					
	2016	Present = X												
Stonechat	2017	Present = X												
Stonechat	2018	Present = X		X			X	X			X		X	
	2019	Present = X	X	X	X					X				
	2016	Present = X									X			
Swallow	2017	Present = X					X		X					
Swanow	2018	Present = X					X	X	X					
	2019	Present = X					X	X	X	X	X			
	2016	Present = X												
C :0	2017	Present = X						X						
Swift	2018	Present = X												
	2019	Present = X						X	X					
	2016	Present = X												
Wheatear	2017	Present = X					X							
wneatear	2018	Present = X				X								
	2019	Present = X												
	2016	Present = X												
Willow Warbler	2017	Present = X		X		X	X	X						
willow wardier	2018	Present = X					X	X	X					
	2019	Present = X				X	X	X						
	2016	Present = X									X	X	X	X
Woodpigeon	2017	Present = X	X	X	X	X	X	X	X	X	X	X	X	X
	2018	Present = X	X	X	X	X	X	X	X	X	X	X	X	X



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2019	Present = X	X	X	X	X	X	X	X	X	X			
	2016	Present = X												
Wren	2017	Present = X	X	X	X	X	X	X	X	X	X	X	X	X
vvren	2018	Present = X	X	X	X	X	X	X	X	X	X	X	X	X
	2019	Present = X	X	X	X	X	X		X	X	X			

Based on analysis of all flight activity data within focus area, including data from VPs 1-6. Survey period = September 2016 to September 2019 (Shaded Cells were months not surveyed). Non-target species were not recorded during surveys between January and September 2021.



Table 5 Monthly distribution of observations of target Species during Breeding Walkover Surveys

Species	Year	Standardised	Apr	May	Jun	Jul	Totals
	2017	No. of observations	1	1			2
	2017	No. of individuals	21	6			27
O 11 DI	0010	No. of observations					0
Golden Plover	2018	No. of individuals					0
	0001	No. of observations					0
	2021	No. of individuals					0
	0015	No. of observations					0
	2017	No. of individuals					0
	2010	No. of observations		1			1
Hen Harrier	2018	No. of individuals		1			1
	2021	No. of observations					0
	2021	No. of individuals					0
	224=	No. of observations	1				1
	2017	No. of individuals	1				1
	2242	No. of observations					0
Peregrine	2018	No. of individuals					0
	2224	No. of observations					0
	2021	No. of individuals					0
	224=	No. of observations					0
	2017	No. of individuals					0
	2242	No. of observations			1		1
Mallard	2018	No. of individuals			2		2
		No. of observations					0
	2021	No. of individuals					0
		No. of observations				1	1
	2017	No. of individuals				2	2
		No. of observations	1		1		2
Grey Heron	2018	No. of individuals	1		1		2
	2024	No. of observations					0
	2021	No. of individuals					0
		No. of observations		1			1
Curlew	2017	No. of individuals		1			1



Species	Year	Standardised	Apr	May	Jun	Jul	Totals
	0010	No. of observations			1		1
	2018	No. of individuals			1		1
	2021	No. of observations					0
	2021	No. of individuals					0
	2017	No. of observations	14	4	5	6	29
	2017	No. of individuals	17	5	6	8	36
Buzzard	2018	No. of observations	6	3	3	5	17
buzzard	2016	No. of individuals	8	3	4	7	22
	2021	No. of observations	1		1	1	3
	2021	No. of individuals	1		1	1	3
	2017	No. of observations	5	3	2	2	12
	2017	No. of individuals	5	3	2	2	12
C	2018	No. of observations	3		4	1	8
Sparrowhawk	2016	No. of individuals	3		4	1	8
	2021	No. of observations					0
	2021	No. of individuals					0
	2017	No. of observations				1	1
	2017	No. of individuals				1	1
T 1	0010	No. of observations	1		2	1	4
Kestrel	2018	No. of individuals	1		2	1	4
	0001	No. of observations		1	1	1	3
	2021	No. of individuals		1	1	1	3
	0017	No. of observations	6	5	5	2	18
	2017	No. of individuals	6	5	5	2	18
Common Suine	2010	No. of observations			5		5
Common Snipe	2018	No. of individuals			5		5
	0001	No. of observations	7	5	4	1	17
	2021	No. of individuals	7	5	4	1	17

2017, 2018 and 2021 surveys consisted of Adapted Brown & Shepard survey methodology. As per the recommended survey approach, surveys were undertaken between April and July in all years.



Table 6 Monthly distribution of observations of non-target Species during Breeding Walkover Surveys

Species	Year	Standardised	Apr	May	Jun	Jul
I DI 11 1 10 II	2017	Present = X				
Lesser Black-backed Gull	2018	Present = X	X		X	X
C + Pl 11 1 1 C II	2017	Present = X				
Greater Black-backed Gull	2018	Present = X		X		
C. M1	2017	Present = X			X	
Grey Wagtail	2018	Present = X				
M. I. De u	2017	Present = X	X	X	X	X
Meadow Pipit	2018	Present = X		X		
XA71. • 1	2017	Present = X		X		
Whinchat	2018	Present = X				
Yellowhammer	2017	Present = X	X	X	X	X
reliownammer	2018	Present = X				
D111 ·1	2017	Present = X	X	X	X	X
Blackbird	2018	Present = X		X		
Blue Tit	2017	Present = X	X	X	X	X
blue 11t	2018	Present = X		X		
D1101.	2017	Present = X		X	X	X
Bullfinch	2018	Present = X		X		
Chaffinch	2017	Present = X	X	X	X	X
Chamnen	2018	Present = X		X		
Cl.:ff.l.:ff	2017	Present = X		X	X	X
Chiffchaff	2018	Present = X		X		
C. 1T4	2017	Present = X	X		X	
Coal Tit	2018	Present = X				
Collared Dove	2017	Present = X			X	
Collared Dove	2018	Present = X				
Crossbill	2017	Present = X				
Crossbill	2018	Present = X		X		
Cueles	2017	Present = X		X		X
Cuckoo	2018	Present = X		X		
Duran a al-	2017	Present = X		X		
Dunnock	2018	Present = X				
Goldcrest	2017	Present = X				X



Species	Year	Standardised	Apr	May	Jun	Jul
	2018	Present = X		X		
0.116.1	2017	Present = X	X	X	X	X
Goldfinch	2018	Present = X				
C TT	2017	Present = X	X	X	X	X
Great Tit	2018	Present = X				
H1-1C	2017	Present = X	X	X	X	X
Hooded Crow	2018	Present = X		X		
II C	2017	Present = X		X		
House Sparrow	2018	Present = X				
T.	2017	Present = X	X	X	X	X
Jay	2018	Present = X				
L D. J. II	2017	Present = X				
Lesser Redpoll	2018	Present = X		X		
M	2017	Present = X	X	X	X	X
Magpie	2018	Present = X		X		
Mistle Thrush	2017	Present = X	X		X	
Mistie Thrush	2018	Present = X		X		
D: - J 147	2017	Present = X	X	X	X	X
Pied Wagtail	2018	Present = X				
D	2017	Present = X	X	X	X	X
Raven	2018	Present = X		X		
D 1D "	2017	Present = X	X	X	X	X
Reed Bunting	2018	Present = X		X		
D 1:	2017	Present = X	X	X	X	X
Robin	2018	Present = X		X		
D 1	2017	Present = X			X	
Rook	2018	Present = X		X		
C 1 TAT 11	2017	Present = X				
Sedge Warbler	2018	Present = X		X		
C1	2017	Present = X				X
Siskin	2018	Present = X		X		
C1 1. 1	2017	Present = X	X	X	X	X
Skylark	2018	Present = X		X		
Song Thrush	2017	Present = X	X	X	X	X



Species	Year	Standardised	Apr	May	Jun	Jul
	2018	Present = X		X		
Starling.	2017	Present = X			X	X
Starling	2018	Present = X				
Stonechat	2017	Present = X			X	
Stonechat	2018	Present = X		X		
Swallow	2017	Present = X			X	X
Swallow	2018	Present = X		X		
T C	2017	Present = X	X	X	X	
Tree Creeper	2018	Present = X				
Wheatear	2017	Present = X	X	X	X	
wneatear	2018	Present = X				
Willow Warbler	2017	Present = X	X		X	
Willow Warbler	2018	Present = X		X		
Waadnigaan	2017	Present = X	X	X	X	X
Woodpigeon	2018	Present = X		X		
Wren	2017	Present = X	X	X	X	X
Wien	2018	Present = X		X		

2017, 2018 & 2021 surveys consisted of Adapted Brown & Shepard survey methodology. As per the recommended survey approach, surveys were undertaken between April and July in all years. Note: non-target species were not recorded on surveys in April, June & July 2018 or during the 2021 breeding season surveys.



Table 7 Monthly distribution of observations for target species during Breeding Raptor Surveys.

Species	Year	Standardised	Apr	May	Jun	Jul	Totals
	2017	No. of observations					0
	2017	No. of individuals					0
	2018	No. of observations		3			3
Hen Harrier	2016	No. of individuals		3			3
пен пагнег	2019	No. of observations	2	1	2		5
	2019	No. of individuals	2	1	2		5
	2021	No. of observations			1		1
	2021	No. of individuals			1		1
	0017	No. of observations		1		1	2
	2017	No. of individuals		1		1	2
	0010	No. of observations	2				2
M. 1.	2018	No. of individuals	2				2
Merlin	0010	No. of observations	1	1			2
	2019	No. of individuals	1	1			2
	0001	No. of observations	1	1		2	4
	2021	No. of individuals	1	1		5	7
	0017	No. of observations		1	1		2
	2017	No. of individuals		1	1		2
	0010	No. of observations					0
n ·	2018	No. of individuals					0
Peregrine	0010	No. of observations				2	2
	2019	No. of individuals				2	2
	0001	No. of observations		1		1	2
	2021	No. of individuals		1		1	2
	0015	No. of observations					0
	2017	No. of individuals					0
	0010	No. of observations					0
O 11 E 1	2018	No. of individuals					0
Golden Eagle	0010	No. of observations				1	1
	2019	No. of individuals				1	1
	0001	No. of observations					
	2021	No. of individuals					
Hobby	2017	No. of observations					0



Species	Year	Standardised	Apr	May	Jun	Jul	Totals
		No. of individuals					0
	2018	No. of observations					0
	2018	No. of individuals					0
	2019	No. of observations				1	1
	2019	No. of individuals				1	1
	2021	No. of observations					
	2021	No. of individuals					
	9017	No. of observations	10	7	7	7	31
	2017	No. of individuals	13	9	8	8	38
	2018	No. of observations	5	13	4	4	26
Buzzard	2018	No. of individuals	8	13	5	4	30
Suzzard	2019	No. of observations	14	5	5	6	30
		No. of individuals	22	5	5	6	38
	2021	No. of observations	6	12	8	5	31
		No. of individuals	7	16	10	5	38
	2017	No. of observations	2	1	2	1	6
		No. of individuals	2	1	2	2	7
	0010	No. of observations		1		3	4
Sparrowhawk	2018	No. of individuals		1		3	4
Sparrownawk	2019	No. of observations	2	2		4	8
	2019	No. of individuals	2	2		5	9
	2021	No. of observations	6	1	2	1	10
	2021	No. of individuals	6	1	2	1	10
	2017	No. of observations	3	2	1	2	8
	2017	No. of individuals	3	2	1	2	8
	2018	No. of observations	4	2	1	2	9
Kestrel	2010	No. of individuals	5	2	1	2	10
	2019	No. of observations	1	2		1	4
	2019	No. of individuals	1	3		1	5
	2021	No. of observations	1	1	2	3	7
	9091	No. of individuals	1	1	2	3	7



Table 8 Monthly distribution of observations of target Species during Winter Walkover Survey.

Species	Year	Species during Winter Walkover Surv Standardised	Jan	Feb	Mar	Oct	Nov	Dec	Totals
	2012	No. of observations							0
	2016	No. of individuals							0
	2015	No. of observations							0
C II DI	2017	No. of individuals		-					0
Golden Plover	0010	No. of observations						1	1
	2018	No. of individuals						6	6
	0010	No. of observations							0
	2019	No. of individuals							0
	2016	No. of observations							0
	2010	No. of individuals							0
201 Hen Harrier 201 201	9017	No. of observations							0
	2017	No. of individuals							0
	2019	No. of observations			1			1	2
	2016	No. of individuals			1			1	2
	2010	No. of observations							0
	2019	No. of individuals							0
	2016	No. of observations							0
	2010	No. of individuals							0
	2017	No. of observations							0
Merlin	2017	No. of individuals							0
MELIIII	2018	No. of observations							0
	2010	No. of individuals							0
	2019	No. of observations		1					1
	2013	No. of individuals		1					1
	2016	No. of observations							0
	2010	No. of individuals							0
	2017	No. of observations							0
Black-headed Gull	2017	No. of individuals							0
JIACA-HEAUEU GUII	2018	No. of observations						1	1
	2010	No. of individuals						8	8
	2019	No. of observations							0
	2019	No. of individuals							0
Wigeon	2016	No. of observations						1	1



Species	Year	Standardised	Jan	Feb	Mar	Oct	Nov	Dec	Totals
		No. of individuals						6	6
	2017	No. of observations							0
	2017	No. of individuals							0
	2018	No. of observations			1				1
	2016	No. of individuals			15				15
	2019	No. of observations							0
	2019	No. of individuals							0
	2016	No. of observations							0
	2010	No. of individuals							0
	2017	No. of observations	1						1
Common Gull	2017	No. of individuals	11						11
Collinion Guil	2018	No. of observations							0
	2016	No. of individuals							0
	2019	No. of observations							0
	2019	No. of individuals							0
	2016	No. of observations							0
	2010	No. of individuals							0
	2017	No. of observations			1				1
Mallard	2017	No. of individuals			2				2
Manaru	2018	No. of observations							0
	2010	No. of individuals							0
	2019	No. of observations							0
	2019	No. of individuals							0
	2016	No. of observations				1		2	3
	2010	No. of individuals				1		2	3
	2017	No. of observations			1				1
C II	2017	No. of individuals			1				1
Grey Heron	2018	No. of observations							0
	2010	No. of individuals							0
	2019	No. of observations							0
	2019	No. of individuals							0
	2016	No. of observations				1			1
Red Grouse	2010	No. of individuals				1			1
	2017	No. of observations							0



Species	Year	Standardised	Jan	Feb	Mar	Oct	Nov	Dec	Totals
		No. of individuals							0
	2018	No. of observations							0
	2016	No. of individuals							0
	2019	No. of observations							0
	2019	No. of individuals							0
	2016	No. of observations							0
	2010	No. of individuals							0
	2017	No. of observations	1						1
Woodcock	2017	No. of individuals	1						1
WOOdcock	2018	No. of observations							0
	2016	No. of individuals							0
	2019	No. of observations							0
	2019	No. of individuals							0
	2016	No. of observations				2		3	5
	2010	No. of individuals				3		3	6
	2017	No. of observations	1		2	1		4	8
P1		No. of individuals	1		2	1		4	8
Buzzard	9010	No. of observations	5					1	6
	2018	No. of individuals	7					1	8
	2019	No. of observations	1	4					5
	2019	No. of individuals	1	5					6
	0016	No. of observations						1	1
	2016	No. of individuals						1	1
	2017	No. of observations	1		1	1		2	5
C 1 1	2017	No. of individuals	1		1	1		2	5
Sparrowhawk	0010	No. of observations	1						1
	2018	No. of individuals	1						1
	0010	No. of observations							0
	2019	No. of individuals							0
	2016	No. of observations				1		1	2
	2016	No. of individuals				1		1	2
Kestrel	0017	No. of observations			1	2		1	4
	2017	No. of individuals			1	2		1	4
	2018	No. of observations	1						1



Species	Year	Standardised	Jan	Feb	Mar	Oct	Nov	Dec	Totals
		No. of individuals	1						1
	2019	No. of observations	1						1
	2019	No. of individuals	1						1
	2016	No. of observations				3		1	4
	2010	No. of individuals				3		1	4
	2017	No. of observations	2		2	1		2	7
Common Snipe		No. of individuals	2		2	1		2	7
-	0010	No. of observations	2		2	4		1	9
	2018	No. of individuals	2		2	4		2	10
	9010	No. of observations		1					1
	2019	No. of individuals		1					1

Shaded cells are those months were no surveys were undertaken. Surveys between the period of October 2016 and February 2019 comprised of walked transects within the development site and within 500m of the site boundary.





Table 9 Monthly distribution of observations for target species during Golden Eagle Surveys.

Species	Year	Standardised	Mar	Totals
Calden Faula	2017	No. of observations	2	2
Golden Eagle	2017	No. of individuals	4	4



Table 10 Monthly distribution of observations for target species during Hen Harrier Roost Surveys.

Species	Year	Standardised	Jan	Feb	Mar	Oct	Nov	Dec	Totals
	2016	No. of observations				2	2	2	6
	2010	No. of individuals				2	2	2	6
	2017	No. of observations	2	3	1		2	1	9
	2017	No. of individuals	2	3	1		2	1	9
	2018	No. of observations	1		1	1			3
Hen Harrier		No. of individuals	1		1	1			3
Hell Harrier	2010	No. of observations		1	1				2
	2019	No. of individuals		1	1				2
	2020	No. of observations						1	1
	2020	No. of individuals						1	1
	2021	No. of observations	2	1	2				5
	2021	No. of individuals	2 1 2						5



Table 11 Monthly distribution of observations for target species during Migratory Vantage Point Surveys.

Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
	2016	No. of observations													0
Merlin	2010	No. of individuals													0
Meriiii	2017	No. of observations	1		1										2
	2017	No. of individuals	1		1										2
	2016	No. of observations													0
Woodcock	2010	No. of individuals													0
WOOdcock	2017	No. of observations		1											1
	2017	No. of individuals		1											1
	2016	No. of observations													0
Buzzard	2010	No. of individuals													0
Duzzaru	2017	No. of observations	2	1											3
	2017	No. of individuals	2	1											3
	2016	No. of observations								1					1
IZ 1	2010	No. of individuals								1					1
Kestrel	2017	No. of observations													0
	2017	No. of individuals													0



Table 12 Monthly distribution of observations for all species during Wildfowl Distribution Surveys

Table 12 Monthly distribution of observation			on surveys												
Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
	2016	No. of observations													0
	2010	No. of individuals													0
	2017	No. of observations		1							1				2
Barnacle Goose	2017	No. of individuals		4							1				5
Darnacie Goose	2018	No. of observations													0
	2016	No. of individuals													0
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations								2	1	1			4
	2010	No. of individuals								36	5	5			46
	2017	No. of observations								1	3				4
Bar-tailed Godwit	2017	No. of individuals								38	324				362
	2018	No. of observations													0
	2016	No. of individuals													0
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations													0
	2010	No. of individuals													0
	2017	No. of observations									1				1
Black Guillemot	2017	No. of individuals									1				1
Diack Guillemot	2018	No. of observations		1		2	1								4
	2016	No. of individuals		1		2	1								4
	0010	No. of observations													0
	2019	No. of individuals													0
	0016	No. of observations													0
	2016	No. of individuals													0
	0017	No. of observations													0
Black Swan	2017	No. of individuals													0
black Swan	0010	No. of observations					2								2
	2018	No. of individuals					3								3
	0010	No. of observations													0
	2019	No. of individuals													0
Black-headed Gull	2016	No. of observations								11	23		2	5	41



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun Jul	Aug	Sep	Oct	Nov	Dec	Totals
		No. of individuals							306	436		15	328	1,085
	2017	No. of observations		12	9				10	12				43
	2017	No. of individuals		396	368				1147	755				2,666
	2018	No. of observations		15		6	6							27
	2016	No. of individuals		1256		2095	1976							5,327
	2019	No. of observations												0
	2019	No. of individuals												0
	0016	No. of observations							1					1
	2016	No. of individuals							7					7
	0017	No. of observations			5				2	7				14
Pl1 4-1-1 C - 1 - 2	2017	No. of individuals			632				288	218				1,138
Black-tailed Godwit	0010	No. of observations				1	1							2
	2018	No. of individuals				2	5							7
	0010	No. of observations												0
	2019	No. of individuals												0
	2016	No. of observations								1	1	1	2	5
		No. of individuals								116	116	11	30	273
	0017	No. of observations		6	4	2				2				14
P. G	2017	No. of individuals		173	87	25				40				325
Brent Goose	0010	No. of observations		8	1	3								12
	2018	No. of individuals		339	21	71								431
	2010	No. of observations												0
	2019	No. of individuals												0
	0016	No. of observations											2	2
	2016	No. of individuals											313	313
	0015	No. of observations							2	1				3
	2017	No. of individuals							510	205				715
Canada Goose	0010	No. of observations				1								1
	2018	No. of individuals				8								8
	2010	No. of observations												0
	2019	No. of individuals												0
	2012	No. of observations							7	1	1	2	1	12
Common Gull	2016	No. of individuals							91	13	13	16	2	135
	2017	No. of observations		4	6				13	15				38



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
		No. of individuals		19	37					1024	322				1,402
	2018	No. of observations		15		1	3								19
	2016	No. of individuals		239		18	40								297
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations								3					3
	2010	No. of individuals								10					10
	2017	No. of observations													0
Common Sandpiper	2017	No. of individuals													0
Common Sandpiper	2018	No. of observations				1									1
	2010	No. of individuals				2									2
	2019	No. of observations													0
	2013	No. of individuals													0
	2016	No. of observations								1					1
	2010	No. of individuals								4					4
	2017	No. of observations													0
Common Scoter	2017	No. of individuals													0
Common Scotci	2018	No. of observations													0
	2010	No. of individuals													0
	2019	No. of observations													0
	2013	No. of individuals													0
	2016	No. of observations													0
	2010	No. of individuals													0
	2017	No. of observations								1	1				2
Common Snipe	2017	No. of individuals								17	2				19
Common Shipe	2018	No. of observations		2		1	1							1	5
	2010	No. of individuals		3		1	1							1	6
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations													0
	2010	No. of individuals													0
Common Tern	2017	No. of observations													0
	2017	No. of individuals													0
	2018	No. of observations					1								1



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
		No. of individuals					1								1
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations													0
	2010	No. of individuals													0
	2017	No. of observations								1	2				3
Coot	2017	No. of individuals								380	290				670
Coot	2018	No. of observations				1	2								3
	2016	No. of individuals				20	40								60
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations								11	12		4	8	35
	2010	No. of individuals								98	120		77	248	54 3
	2017	No. of observations		8	6					5	13				32
Cormorant	2017	No. of individuals		44	32					36	112				224
Cormorant	2018	No. of observations		8		6	6								20
	2010	No. of individuals		68		86	61								215
	2019	No. of observations	1	1											2
	2013	No. of individuals	1	1											2
	2016	No. of observations								14	17	1	5	15	52
	2010	No. of individuals								344	193	92	19	215	863
	2017	No. of observations		20	13					12	13				58
Curlew	2017	No. of individuals		628	89					156	198				1,071
Curiew	2018	No. of observations		15		4	3								22
	2010	No. of individuals		391		22	5								418
	2019	No. of observations			1										1
	2013	No. of individuals			2										2
	2016	No. of observations													0
	2010	No. of individuals													0
	2017	No. of observations													0
Dipper	2017	No. of individuals													0
	2018	No. of observations													0
	2010	No. of individuals													0
	2019	No. of observations		1											1



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
		No. of individuals		1											1
	0016	No. of observations												1	1
	2016	No. of individuals												18	18
	0017	No. of observations		1	2					3	4				10
Dunlin	2017	No. of individuals		120	231					66	10				427
Duniin	2018	No. of observations				1	1								2
	2016	No. of individuals				2	35								37
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations													0
	2010	No. of individuals													0
	2017	No. of observations		3	4					1	4				12
Eider	2017	No. of individuals		12	15					17	548				592
Eldel	2018	No. of observations		5	1										6
	2010	No. of individuals		213	6										219
	2019	No. of observations													0
	2013	No. of individuals													0
	2016	No. of observations													0
	2010	No. of individuals													0
	2017	No. of observations												1	1
Gadwall	2017	No. of individuals												2	2
Guawan	2018	No. of observations													0
	2010	No. of individuals													0
	2019	No. of observations													0
	2010	No. of individuals										1	1	1	0
	2016	No. of observations													0
	2010	No. of individuals				1	1								0
	2017	No. of observations													0
Gannet	2017	No. of individuals													0
2	2018	No. of observations				1									1
	2010	No. of individuals				1									1
	2019	No. of observations													0
		No. of individuals													0
Golden Plover	2016	No. of observations											1	3	4



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
		No. of individuals											135	132	267
	2017	No. of observations			3						1				4
	2017	No. of individuals			325						35				360
	2018	No. of observations		1											1
	2016	No. of individuals		500											500
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations												1	1
	2010	No. of individuals												6	6
	2017	No. of observations		1											1
Goldeneye	2017	No. of individuals		2											2
Goldeneye	2018	No. of observations		2											2
	2010	No. of individuals		60											60
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations													0
	2010	No. of individuals													0
	2017	No. of observations												1	1
Goosander	2017	No. of individuals												1	1
Goosander	2018	No. of observations													0
	2010	No. of individuals													0
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations								2	9	25		1	37
	2010	No. of individuals								3	20	680		2	705
	2017	No. of observations		7	3					6	8				24
Great Black-backed Gull	2017	No. of individuals		16	14					13	29				72
Great Diack-Dacked Guii	2018	No. of observations		5		7	5								17
	2010	No. of individuals		27		47	22								96
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations									3	1			4
Great Crested Grebe	2010	No. of individuals									4	2			6
	2017	No. of observations			3						4				7



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
		No. of individuals			5						9				14
	2018	No. of observations		2		1	1								4
	2016	No. of individuals		2		12	4								18
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations													0
	2010	No. of individuals													0
	2017	No. of observations			3										3
Great Northern Diver	2017	No. of individuals			5										5
Great Northern Diver	2018	No. of observations		6		4									10
	2010	No. of individuals		13		7									20
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations													0
	2010	No. of individuals													0
	2017	No. of observations	1												1
Greenland White-fronted Goose	2017	No. of individuals	6												6
Greenand Wine-Honed Goose	2018	No. of observations													0
	2010	No. of individuals													0
	2019	No. of observations													0
	2013	No. of individuals													0
	2016	No. of observations								5	3	1	3	6	18
	2010	No. of individuals								66	48	10	7	12	143
	2017	No. of observations		5	6					3	7				21
Greenshank	2017	No. of individuals		109	10					22	24				165
Greensmank	2018	No. of observations		7		1	1	_							9
	2010	No. of individuals		17		1	1								19
	2019	No. of observations													0
	2013	No. of individuals													0
	2016	No. of observations								5	11		4	5	25
	2010	No. of individuals								9	16		6	9	40
Grey Heron	2017	No. of observations		6	5					7	6				24
		No. of individuals		15	15					33	19				82
	2018	No. of observations		4		2	4						1	1	12



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
		No. of individuals		10		5	24						1	1	41
	2019	No. of observations	1	1											2
	2019	No. of individuals	1	1											2
	2016	No. of observations												6	6
	2010	No. of individuals												2,215	2,215
	2017	No. of observations	8	6	6	4	1			3	2	3	3	2	38
Greylag Goose	2017	No. of individuals	1368	1513	695	469	2			245	22	549	363	193	5,419
Greylag Goose	2018	No. of observations	9	2	4	1									16
	2016	No. of individuals	1124	905	207	92									2,328
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations													0
	2010	No. of individuals													0
	2017	No. of observations													0
Guillemot	2017	No. of individuals													0
Guillemot	2018	No. of observations				1									1
	2010	No. of individuals				3									3
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations								15	12		3	8	38
	2010	No. of individuals								52	134		34	89	309
	2017	No. of observations		14	10					5	10				39
Herring Gull	2017	No. of individuals		100	85					57	34				276
Herring Gun	2018	No. of observations		16		4	4								24
	2010	No. of individuals		107		122	128								357
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations								3	4	1	1	6	15
	2010	No. of individuals								34	54	14	305	437	844
	2017	No. of observations		3	4					3	4				14
Lapwing	2017	No. of individuals		149	73					172	848				1,242
	2010	No. of observations		3		2	2								7
	2018	No. of individuals		1010		29	72								1,111
	2019	No. of observations													0



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
		No. of individuals													0
	2016	No. of observations								5	2				7
	2016	No. of individuals								5	6				11
	2017	No. of observations			1										1
Lesser Black-backed Gull	2017	No. of individuals			3										3
Lesser Black-dacked Gull	2018	No. of observations				5	6								11
	2018	No. of individuals				20	21								41
	0010	No. of observations		1											1
	2019	No. of individuals		1											1
	0016	No. of observations									1				1
	2016	No. of individuals									1				1
	0017	No. of observations			1						2				3
I al E	2017	No. of individuals			1						2				3
Little Egret	0010	No. of observations		1											1
	2018	No. of individuals		1											1
	0010	No. of observations													0
	2019	No. of individuals													0
	0016	No. of observations													0
	2016	No. of individuals													0
	0015	No. of observations								2	4				6
Test of 1	2017	No. of individuals								30	40				70
Little Grebe	0010	No. of observations		2		1	1								4
	2018	No. of individuals		13		1	2								16
	0010	No. of observations													0
	2019	No. of individuals				-									0
	0016	No. of observations								1	2	3	2	8	16
	2016	No. of individuals								55	48	17	10	103	233
	0015	No. of observations	6	6	6	3	4			2	7	3	3	2	42
26.11	2017	No. of individuals	22	51	55	8	24	1		63	313	10	9	9	564
Mallard	0010	No. of observations	1	4	2	7	5							2	21
	2018	No. of individuals	3	56	9	124	201							7	400
	0010	No. of observations	2	2	3										7
	2019	No. of individuals	8	14	11										33
Moorhen	2016	No. of observations													0



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
		No. of individuals													0
	2017	No. of observations								1	2				3
	2017	No. of individuals								6	4				10
	2018	No. of observations		1			1								2
	2016	No. of individuals		2			25								27
	2019	No. of observations		1											1
	2019	No. of individuals		1											1
	2016	No. of observations								1	2	2		5	10
	2010	No. of individuals								8	19	8		19	54
	2017	No. of observations	2	5	4	2	3			3	5	1	1	1	27
Mute Swan	2017	No. of individuals	2	30	33	3	5			221	362	1	1	1	659
Mute Swan	2018	No. of observations	2	2	3	3	4								14
	2016	No. of individuals	4	162	6	210	297								679
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations								12	13		2	11	38
	2010	No. of individuals								88	126		19	33	266
	2017	No. of observations		23	19					8	7				57
Oystercatcher	2017	No. of individuals		752	345					75	127				1,299
Oystercatcher	2018	No. of observations		10		3	4								17
	2010	No. of individuals		133		36	23								192
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations													0
	2010	No. of individuals													0
	2017	No. of observations	2			1						1			4
Pink-footed Goose	2017	No. of individuals	5			60						2			67
1 lik-tooted Goose	2018	No. of observations													0
	2016	No. of individuals													0
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations													0
Pochard	2010	No. of individuals													0
	2017	No. of observations									2				2



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
		No. of individuals									15				15
	2018	No. of observations													0
	2018	No. of individuals													0
	0010	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations									1	1		1	3
	2010	No. of individuals									3	3		1	7
	2017	No. of observations	1	3	2	1	2				3			2	14
Dadhaaatad Massaaaa	2017	No. of individuals	1	8	10	1	2				29			2	53
Red-breasted Merganser	2018	No. of observations		7		2	3								12
	2016	No. of individuals		44		10	9								63
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations								4	8		4	11	27
	2010	No. of individuals								61	86		23	133	303
	2017	No. of observations		12	11					6	12				41
Redshank	2017	No. of individuals		149	366					159	498				1,172
Redshank	2018	No. of observations		10		3	1								14
	2018	No. of individuals		260		133	4								397
	2010	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations													0
	2016	No. of individuals													0
	2017	No. of observations													0
Red-throated Diver	2017	No. of individuals													0
Red-infoated Diver	2018	No. of observations				1									1
	2016	No. of individuals				3									3
	0010	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations								1	1	1	1	1	5
	2016	No. of individuals								80	40	40	1	12	173
Ringed Plover	2017	No. of observations		5	3					2	1				11
	2017	No. of individuals		33	31					46	18				128
	2018	No. of observations					1								1



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
		No. of individuals					1								1
	2019	No. of observations													0
	2019	No. of individuals													0
	0016	No. of observations													0
	2016	No. of individuals													0
	2017	No. of observations		2	2	1									5
Ruddy Shelduck	2017	No. of individuals		2	2	1									5
Ruddy Sileiduck	2018	No. of observations													0
	2016	No. of individuals													0
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations								2	1	1		2	6
	2010	No. of individuals								27	15	15		8	65
	2017	No. of observations								1	1				2
Ruddy Turnstone	2017	No. of individuals								1	2				3
Ruddy Turnstone	2018	No. of observations				2									2
	2010	No. of individuals				15									15
	2019	No. of observations													0
	2013	No. of individuals													0
	2016	No. of observations													0
	2010	No. of individuals													0
	2017	No. of observations									1				1
Ruff	2017	No. of individuals									1				1
Kuli	2018	No. of observations													0
	2010	No. of individuals													0
	2019	No. of observations													0
	2013	No. of individuals													0
	2016	No. of observations													0
	2010	No. of individuals													0
	2017	No. of observations													0
Sandwich Tern	2017	No. of individuals													0
	2018	No. of observations				5	4								9
		No. of individuals				115	104								219
	2019	No. of observations													0



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
		No. of individuals													0
	2016	No. of observations										2		2	4
	2010	No. of individuals										5		4	9
	0017	No. of observations	3	1	3	1					1		2	3	14
Shelduck	2017	No. of individuals	5	2	15	2					1		16	8	49
Shelduck	2018	No. of observations	1	1	1	3	3								9
	2016	No. of individuals	2	20	2	28	31								83
	2019	No. of observations													0
	2019	No. of individuals													0
	2016	No. of observations													0
	2010	No. of individuals													0
	2017	No. of observations									1				1
Shoveler	2017	No. of individuals									4				4
Shoveler	2018	No. of observations				1	1								2
	2010	No. of individuals				2	4								6
	2019	No. of observations													0
	2013	No. of individuals													0
	2016	No. of observations													0
	2010	No. of individuals		_											0
	2017	No. of observations						_							0
Taiga Bean Goose	2017	No. of individuals													0
Taiga Dean Goose	2018	No. of observations				1	1								2
	2010	No. of individuals				4	4								8
	2019	No. of observations				_									0
	2013	No. of individuals													0
	2016	No. of observations									2	1	1	4	8
	2010	No. of individuals									19	9	83	267	378
	2017	No. of observations	1	6	6			_			5				18
Teal	2017	No. of individuals	14	501	163						266				944
	2018	No. of observations		6		4	3							1	14
	2010	No. of individuals		625		26	19							2	672
	2019	No. of observations		1											1
		No. of individuals		5											5
Tufted Duck	2016	No. of observations									1	1			2



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun Jul	Aug	Sep	Oct	Nov	Dec	Totals
		No. of individuals								3	3			6
	0017	No. of observations		1	2				2	3	1			9
	2017	No. of individuals		12	16				84	370	3			485
	2018	No. of observations	1	2	1	1	2							7
	2018	No. of individuals	21	72	6	220	72							391
	2019	No. of observations												0
	2019	No. of individuals												0
	0016	No. of observations								1				1
	2016	No. of individuals								1				1
	2017	No. of observations												0
X471 · 1 1	2017	No. of individuals												0
Whimbrel	0010	No. of observations				2	1							3
	2018	No. of individuals				32	4							36
	2019	No. of observations												0
	2019	No. of individuals												0
	2016	No. of observations									1		9	10
	2010	No. of individuals									23		995	1,018
	2017	No. of observations	8	10	10	7	3			1	6	9	7	61
TATIL C	2017	No. of individuals	930	867	683	1120	18			1	663	302	1116	5,700
Whooper Swan	0010	No. of observations	7	4	10	2	3							26
	2018	No. of individuals	512	403	345	230	33							1,523
	2019	No. of observations												0
	2019	No. of individuals												0
	2016	No. of observations								1	2		4	7
	2010	No. of individuals								11	22		126	159
	0017	No. of observations	2	5	5	2			1	6	1	2	1	25
TAT:	2017	No. of individuals	16	242	345	5			23	276	4	20	14	945
Wigeon	0010	No. of observations	2	5		1	2			_				10
	2018	No. of individuals	46	599		26	28							699
	0010	No. of observations												0
	2019	No. of individuals												0