



APPENDIX 8-3

SUMMARY TABLES

Appendix 8-3 – Summary Tables

Proposed Cahermurphy Two Windfarm





DOCUMENT DETAILS

Client: **Mid Clare Renewable Energy Wind Farm Ltd.**

Project Title: **Proposed Cahermurphy Two Windfarm**

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1. **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

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	
Golden Plover	2017	records													0	
		bird-secs														0
	2018	records			1										1	2
		bird-secs			20										260	280
	2019	records														0
		bird-secs														0
Hen Harrier	2017	records									1	1		1	3	
		bird-secs									45	78		90	213	
	2018	records			10	1	2		1			1			15	
		bird-secs			1301	15	212		10			43			1,581	
	2019	records					2	1	1						4	
		bird-secs					360	62	135						557	
Merlin	2017	records													0	
		bird-secs													0	
	2018	records					1								1	
		bird-secs					25								25	
	2019	records													0	
		bird-secs													0	
Peregrine	2017	records													0	
		bird-secs													0	
	2018	records													0	
		bird-secs													0	
	2019	records	1			1									2	
		bird-secs	25			158									183	
Common Tern	2017	records									1				1	
		bird-secs									44				44	
	2018	records													0	



Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
	2019	bird-secs													0
		records													0
		bird-secs													0
Herring Hull	2017	records				3	6	11	10	10					40
		bird-secs				559	713	1776	2627	782					6,457
	2018	records		2	3		2		4	1					12
		bird-secs		628	456		102		525	40					1,751
	2019	records		6	9		2	1			4				22
		bird-secs		596	513		206	135			178				1,628
Black-headed gull	2017	records													0
		bird-secs													0
	2018	records													0
		bird-secs													0
	2019	records									4				4
		bird-secs									177				177
Cormorant	2017	records								1					1
		bird-secs								38					38
	2018	records													0
		bird-secs													0
	2019	records													0
		bird-secs													0
Buzzard	2017	records													0
		bird-secs													0
	2018	records					1								1
		bird-secs					47								47
	2019	records				1	1	3	2	1					8
		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	
	2018	bird-secs					25	98			38				161	
		records				1	1	1	1	1			1		6	
		bird-secs				7	20	150	56	5			10		248	
	2019	records	2		1	1				1						5
		bird-secs	10		25	25				25						85
	Kestrel	2017	records							2	4	5	1		1	13
bird-secs									321	385	423	83		180	1,392	
2018		records			11	2	2	3	3	1		1		3	26	
		bird-secs			2403	85	210	545	195	60		2100		415	6,013	
2019		records	13		4	5	2	7	4	6	2				43	
		bird-secs	1341		337	744	132	438	524	1183	105				4,804	
Snipe	2017	records					2								2	
		bird-secs					50								50	
	2018	records			1	1						2	1		5	
		bird-secs			10	12						63	25		110	
	2019	records		2							2				4	
		bird-secs		69							101				170	
<p>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).</p>																

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

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

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.

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
Blackbird	2017	Present = X				X	X	X	X		X	X	X	X
	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			
Blackcap	2017	Present = X												
	2018	Present = X				X	X	X						
	2019	Present = X												
Blue Tit	2017	Present = X				X	X	X	X					
	2018	Present = X					X	X	X					
	2019	Present = X												
Bullfinch	2017	Present = X						X	X					
	2018	Present = X												
	2019	Present = X												
Chaffinch	2017	Present = X				X	X	X	X		X	X	X	
	2018	Present = X			X	X	X	X	X	X		X	X	X
	2019	Present = X	X	X	X	X	X	X	X	X	X			
Chiffchaff	2017	Present = X				X								
	2018	Present = X												
	2019	Present = X				X								
Coal Tit	2017	Present = X				X								
	2018	Present = X			X									
	2019	Present = X												
Crossbill	2017	Present = X												
	2018	Present = X			X									
	2019	Present = X												
Cuckoo	2017	Present = X				X	X	X						
	2018	Present = X				X	X	X						
	2019	Present = X				X	X	X						

Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Duncock	2017	Present = X				X			X			X		
	2018	Present = X	X	X	X				X			X	X	
	2019	Present = X		X	X				X	X	X			
Fieldfare	2017	Present = X												X
	2018	Present = X	X										X	X
	2019	Present = X												
Goldcrest	2017	Present = X												
	2018	Present = X												
	2019	Present = X			X									
Goldfinch	2017	Present = X				X		X			X		X	
	2018	Present = X				X			X	X	X	X		X
	2019	Present = X				X	X	X	X	X	X			
Grasshopper Warbler	2017	Present = X					X	X						
	2018	Present = X												
	2019	Present = X					X							
Great black-backed gull	2017	Present = X							X					
	2018	Present = X												
	2019	Present = X												
Great Tit	2017	Present = X				X					X			
	2018	Present = X	X							X		X		
	2019	Present = X									X			
Great-spotted woodpecker	2017	Present = X												
	2018	Present = X										X		
	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								X				
	2018	Present = X			X						X			
	2019	Present = X	X				X							
Hooded Crow	2017	Present = 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
	2019	Present = X	X	X	X	X	X	X	X	X	X			
House Martin	2017	Present = X							X					
	2018	Present = X												
	2019	Present = X					X	X	X	X				
House Sparrow	2017	Present = X									X			
	2018	Present = X						X	X				X	X
	2019	Present = X				X			X	X				
Jackdaw	2017	Present = X				X		X	X					
	2018	Present = X												
	2019	Present = X												
Lesser black-backed Gull	2017	Present = X							X	X	X			
	2018	Present = X				X			X					
	2019	Present = X									X			
Lesser Redpoll	2017	Present = X												
	2018	Present = X				X	X	X						
	2019	Present = X	X		X	X	X	X	X	X				
Linnet	2017	Present = X							X					
	2018	Present = X				X			X	X				
	2019	Present = X				X								
Long-tailed Tit	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
Magpie	2017	Present = 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
	2019	Present = X	X	X	X	X	X	X	X	X	X			
Mallard	2017	Present = X												
	2018	Present = X				X					X			
	2019	Present = X									X			
Marsh Tit	2017	Present = X							X				X	
	2018	Present = X	X	X	X			X	X					
	2019	Present = X						X						
Mistle Thrush	2017	Present = X												X
	2018	Present = X				X	X	X	X				X	X
	2019	Present = X	X	X	X	X	X	X	X	X				
Pheasant	2017	Present = X				X	X	X				X		X
	2018	Present = X	X		X	X	X	X	X				X	X
	2019	Present = X	X	X	X	X	X	X	X	X				
Pied Wagtail	2017	Present = X				X		X	X		X	X	X	X
	2018	Present = X	X	X	X		X	X	X	X	X	X	X	X
	2019	Present = X	X	X	X	X	X	X	X	X	X			
Raven	2017	Present = X				X	X	X			X		X	X
	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			
Redwing	2017	Present = X												X
	2018	Present = X	X	X	X								X	X
	2019	Present = X	X											
Reed Bunting	2017	Present = X												
	2018	Present = X							X		X			
	2019	Present = X	X					X	X	X				

Species	Year	Standardised	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Robin	2017	Present = X				X	X	X			X	X	X	
	2018	Present = X			X	X	X	X	X	X	X	X		X
	2019	Present = X		X	X	X	X	X	X	X				
Rook	2017	Present = 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
	2019	Present = X	X	X	X	X	X	X	X	X	X			
Sand Martin	2017	Present = X												
	2018	Present = X						X						
	2019	Present = X												
Sedge Warbler	2017	Present = X						X						
	2018	Present = X												
	2019	Present = X					X	X						
Siskin	2017	Present = X					X	X	X					
	2018	Present = X			X		X	X	X					
	2019	Present = X		X							X			
Skylark	2017	Present = X				X	X							
	2018	Present = X			X	X	X	X	X					
	2019	Present = X				X	X		X	X				
Song Thrush	2017	Present = X				X		X	X					
	2018	Present = X	X				X	X	X			X	X	
	2019	Present = X		X	X	X	X	X						
Starling	2017	Present = 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
	2019	Present = X	X	X	X	X	X	X	X	X	X			
Stock Dove	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
Stonechat	2017	Present = X				X		X				X	X	X
	2018	Present = X		X								X		
	2019	Present = X		X	X			X	X	X				
Swallow	2017	Present = X					X				X			
	2018	Present = X				X	X	X	X	X	X			
	2019	Present = X					X	X	X	X	X			
Willow Warbler	2017	Present = X						X						
	2018	Present = X					X	X						
	2019	Present = X				X	X	X	X					
Wood Pigeon	2017	Present = 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
	2019	Present = X	X	X	X	X	X	X	X	X	X			
Wren	2017	Present = 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
	2019	Present = X	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, 2, 3 & 04. Survey period = April 2017 - September 2019 (Shaded Cells were months not surveyed).

Table 1-5 Monthly distribution of target species during Breeding Bird (Adapted Brown & Shephard) Surveys.

Species	Year	Standardised	Apr	May	Jun	Jul	Totals
Herring Gull	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	7				7
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		2
		No. of individuals	1		1		2
Sparrowhawk	2017	No. of observations				1	1
		No. of individuals				1	1
	2018	No. of observations	1			1	2
		No. of individuals	1			1	2
	2019	No. of observations	2			1	3
		No. of individuals	3			1	4
Kestrel	2017	No. of observations				3	3
		No. of individuals				3	3
	2018	No. of observations				1	1
		No. of individuals				1	1
	2019	No. of observations	2				2
		No. of individuals	2				2

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

Table 1-6 Monthly Distribution of Non-Target Species during Breeding Bird Surveys

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

Species	Year	Standardised	Apr	May	Jun	Jul
Dunnock	2017	Present = X	X	X		X
	2018	Present = X	X	X		X
	2019	Present = X				
Fieldfare	2017	Present = X		X		
	2018	Present = X				
	2019	Present = X				
Garden Warbler	2017	Present = X	X			
	2018	Present = X			X	
	2019	Present = X				
Goldcrest	2017	Present = X			X	
	2018	Present = X	X	X	X	
	2019	Present = X			X	X
Goldfinch	2017	Present = X	X			
	2018	Present = X				
	2019	Present = X				
Grasshopper Warbler	2017	Present = X	X			
	2018	Present = X				
	2019	Present = X				
Great Spotted Woodpecker	2017	Present = X				
	2018	Present = X				X
	2019	Present = X				
Great Tit	2017	Present = X	X	X	X	
	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				
House Sparrow	2017	Present = X	X			
	2018	Present = X				
	2019	Present = X				
Jackdaw	2017	Present = X		X		
	2018	Present = X				
	2019	Present = X				
Lesser Redpoll	2017	Present = X				
	2018	Present = X	X	X		
	2019	Present = X				
Linnet	2017	Present = X		X		
	2018	Present = X				
	2019	Present = X				
Long-tailed Tit	2017	Present = X		X		
	2018	Present = X				
	2019	Present = X				
Magpie	2017	Present = X	X	X	X	X
	2018	Present = X				
	2019	Present = X				
Marsh Tit	2017	Present = X			X	X
	2018	Present = X				
	2019	Present = X				
Mistle Thrush	2017	Present = X				
	2018	Present = X		X		

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

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



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

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

Species	Year	Standardised	Apr	May	Jun	Jul	Totals
Hen Harrier	2017	No. of observations		2	3		5
		No. of individuals		3	3		6
	2018	No. of observations	1	3	2	1	7
		No. of individuals	1	3	2	1	7
	2019	No. of observations	2	3	1	3	9
		No. of individuals	2	3	1	3	9
Peregrine	2017	No. of observations				1	1
		No. of individuals				2	2
	2018	No. of observations					0
		No. of individuals					0
	2019	No. of observations					0
		No. of individuals					0
Sparrowhawk	2017	No. of observations	2	3	5	2	12
		No. of individuals	2	3	5	2	12
	2018	No. of observations		1			1
		No. of individuals		1			1
	2019	No. of observations			1		1
		No. of individuals			2		2
Kestrel	2017	No. of observations	1	3	4	4	12
		No. of individuals	1	3	4	4	12
	2018	No. of observations		1			1
		No. of individuals		1			1
	2019	No. of observations		1			1
		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
Hen Harrier	2017	No. of observations					0
		No. of individuals					0
	2018	No. of observations					0
		No. of individuals					0
	2019	No. of observations	1	2			3
		No. of individuals	2	3			5
Merlin	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
Lapwing	2017	No. of observations					0
		No. of individuals					0
	2018	No. of observations			1		1
		No. of individuals			3		3
	2019	No. of observations					0
		No. of individuals					0
Herring Gull	2017	No. of observations					0
		No. of individuals					0
	2018	No. of observations			1		1
		No. of individuals			4		4
	2019	No. of observations	3				3
		No. of individuals	9				9
Sparrowhawk	2017	No. of observations			3	1	4
		No. of individuals			3	1	4

Species	Year	Standardised	Jan	Mar	Oct	Dec	Totals
	2018	No. of observations					0
		No. of individuals					0
	2019	No. of observations					0
		No. of individuals					0
Kestrel	2017	No. of observations			2	1	3
		No. of individuals			2	1	3
	2018	No. of observations			4		4
		No. of individuals			4		4
	2019	No. of observations	3	1			4
		No. of individuals	3	1			4
Snipe	2017	No. of observations					0
		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				X
	2018	Present = X		X	X	X
	2019	Present = X				
Blue Tit	2017	Present = X				
	2018	Present = X			X	
	2019	Present = X				
Chaffinch	2017	Present = X				X
	2018	Present = X		X	X	X
	2019	Present = X				
Coal tit	2017	Present = X				
	2018	Present = X			X	
	2019	Present = X				
Dunnock	2017	Present = X				X
	2018	Present = X			X	
	2019	Present = X				
Goldfinch	2017	Present = X				
	2018	Present = X		X	X	
	2019	Present = X				
Great tit	2017	Present = X				X
	2018	Present = X		X	X	
	2019	Present = X				
Hooded Crow	2017	Present = X				X
	2018	Present = X		X	X	X

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

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



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