



APPENDIX 1

Appendix 1. All data of Collision Monitoring Surveys from October 2022 to February 2023, included.

Turbine	Staff	Date	Start Time	Finish Time	T-C	Wind Speed	Wind Direction	Rain	Visibility	Area covered	Carcass Found	Comments
1	CB	29/11/2022	14:00	14:40	9	Light air	W	None	Good	100%	No	
2	CB	29/11/2022	11:35	12:30	10	Light air	W	None	Good	100%	No	
3	CB	29/11/2022	10:45	11:30	10	Light air	W	None	Good	100%	No	
4	CB	29/11/2022	09:45	10:35	7	Light breeze	W	None	Good	100%	No	
5	CB	28/11/2022	15:00	15:45	8	Strong breeze	W	Showers	Good	100%	No	
6	CB	28/11/2022	14:05	14:45	8	Strong breeze	W	Showers	Good	100%	No	
7	CB	28/11/2022	12:00	13:00	9	Strong breeze	W	Showers	Good	100%	No	
8	CB	28/11/2022	13:05	14:00	9	Strong breeze	W	None	Good	100%	No	
9	CB	28/11/2022	15:50	16:30	6	Strong breeze	W	Showers	Good	100%	No	
10	CB	29/11/2022	09:00	09:40	7	Light breeze	W	None	Good	100%	No	
11	CB	29/11/2022	14:45	15:15	7	Light air	W	None	Good	40%	No	Restricted coverage due to sheep
12	CB	29/11/2022	15:20	16:20	7	Light air	W	None	Good	100%	No	
1	CB	17/12/2022	11:55	12:55	2	Gentle breeze	NW	None	Good	100%	No	
2	CB	17/12/2022	11:00	11:45	1	Gentle breeze	NW	None	Good	100%	No	
3	CB	17/12/2022	10:05	10:55	1	Gentle breeze	NW	None	Good	100%	No	
4	CB	17/12/2022	09:05	10:10	0	Gentle breeze	NW	None	Good	100%	No	
5	CB	16/12/2022	13:26	14:15	1.5	Gentle breeze	NW	None	Good	100%	No	
6	CB	16/12/2022	12:18	13:22	1.5	Gentle breeze	NW	None	Good	100%	No	
7	CB	16/12/2022	12:00	12:50	1	Gentle breeze	NW	None	Good	100%	No	
8	CB	16/12/2022	12:55	13:00	1.5	Gentle breeze	NW	None	Good	100%	No	
9	CB	16/12/2022	14:25	15:10	2	Gentle breeze	NW	None	Good	100%	No	
10	CB	16/12/2022	13:50	14:55	2	Gentle breeze	NW	None	Good	100%	No	
11	CB	17/12/2022	13:20	14:15	2	Gentle breeze	NW	None	Good	100%	No	
12	CB	17/12/2022	14:20	15:15	2	Gentle breeze	NW	None	Good	100%	No	
1	CB	11/01/2023	11:20	12:30	5	Strong breeze	W	Showers	Good	100%	Yes	Crow feather spot
2	CB	11/01/2023	10:30	11:15	5	Strong breeze	W	Showers	Good	100%	No	
3	CB	12/01/2023	10:00	10:40	8	Strong breeze	W	None	Good	100%	No	

Turbine	Staff	Date	Start Time	Finish Time	T° C	Wind Speed	Wind Direction	Rain	Visibility	Area covered	Carcass Found	Comments
4	CB	12/01/2023	10:50	11:45	8	Strong breeze	W	None	Good	100%	No	
5	CB	12/01/2023	11:50	12:45	8	Strong breeze	W	None	Good	100%	No	
6	CB	12/01/2023	13:10	13:55	8	Strong breeze	W	None	Good	100%	No	
7	CB	12/01/2023	14:00	14:45	8	Strong breeze	W	None	Good	100%	No	
8	CB	11/01/2023	14:05	15:05	7	Strong breeze	W	Showers	Good	100%	No	
9	CB	11/01/2023	09:15	10:25	6	Strong breeze	W	Drizzle	Good	100%	No	
10	CB	11/01/2023	15:15	16:05	6	Strong breeze	W	Showers	Good	100%	No	
11	CB	11/01/2023	12:45	13:25	7	Strong breeze	W	None	Good	100%	No	
12	CB	12/01/2023	09:15	09:55	9	Strong breeze	W	None	Good	90%	No	Restricted coverage due to thick bramble
1	CB	23/02/2023	11:55	12:57	7	Fresh breeze	N	None	Good	100%	No	
2	CB	23/02/2023	09:51	10:38	4	Fresh breeze	N	None	Good	100%	No	
3	CB	23/02/2023	10:45	11:40	8	Fresh breeze	N	None	Good	100%	No	
4	CB	23/02/2023	08:45	09:47	1	Fresh breeze	N	None	Good	100%	No	
5	CB	23/02/2023	10:13	10:55	3	Fresh breeze	N	None	Good	100%	No	
6	CB	23/02/2023	11:03	11:53	7.5	Fresh breeze	N	None	Good	100%	No	
7	CB	23/02/2023	14:10	15:09	8	Fresh breeze	N	None	Good	100%	No	
8	CB	23/02/2023	12:02	13:08	7	Fresh breeze	N	None	Good	100%	No	
9	CB	23/02/2023	08:57	10:09	3.5	Fresh breeze	N	None	Good	100%	No	
10	CB	23/02/2023	13:12	14:00	7.5	Fresh breeze	N	None	Good	100%	No	
11	CB	23/02/2023	13:45	14:12	8	Fresh breeze	N	None	Good	60%	No	Restricted coverage due to ram
12	CB	23/02/2023	13:00	13:42	8	Fresh breeze	N	None	Good	100%	No	
1	CF	27/03/2023	07:47	08:52	5	Gentle breeze	W	None	Good	100%	No	
2	CF	27/03/2023	08:56	09:42	5	Gentle breeze	W	None	Good	100%	No	
3	CF	27/03/2023	09:47	10:29	5.5	Gentle breeze	W	None	Good	100%	No	
4	CF	27/03/2023	10:34	11:40	8	Gentle breeze	W	None	Good	100%	No	
5	CF	28/03/2023	13:20	13:59	9.5	Gentle breeze	W	None	Good	100%	No	
6	CF	28/03/2023	14:04	14:45	8.5	Gentle breeze	W	None	Good	100%	No	
7	CF	28/03/2023	14:50	15:14	9	Gentle breeze	W	None	Good	100%	No	

Turbine	Staff	Date	Start Time	Finish Time	T° C	Wind Speed	Wind Direction	Rain	Visibility	Area covered	Carcass Found	Comments
8	CF	28/03/2023	08:00	08:33	7	Gentle breeze	W	Heavy	Moderate	100%	No	
9	CF	27/03/2023	08:39	09:19	7.5	Gentle breeze	W	Heavy	Moderate	100%	No	
10	CF	28/03/2023	09:27	10:27	8	Gentle breeze	W	Moderate	Moderate	100%	No	
11	CF	27/03/2023	10:33	11:15	8.5	Gentle breeze	W	Moderate	Moderate	100%	No	
12	CF	27/03/2023	11:18	12:05	9	Gentle breeze	W	Moderate	Moderate	100%	No	
1	CB	27/04/2023	08:58	10:05	8	Moderate breeze	SE	Mist	Low	100%	No	
2	CB	27/04/2023	07:50	08:23	9	Moderate breeze	SE	Mist	Low	80%	No	Restricted coverage due to livestock
3	CB	27/04/2023	08:30	08:52	8	Moderate breeze	SE	Mist	Low	40%	No	Restricted coverage due to livestock
4	CB	27/04/2023	06:48	07:45	9	Moderate breeze	SE	Mist	Low	100%	No	
5	CB	26/04/2023	12:04	13:05	15	Gentle breeze	E	None	Good	95%	No	
6	CB	26/04/2023	11:02	12:00	14	Gentle breeze	E	None	Good	100%	No	
7	CB	26/04/2023	06:15	07:40	7	Gentle breeze	E	None	Good	100%	No	
8	CB	26/04/2023	08:45	09:57	10	Gentle breeze	E	None	Good	100%	No	
9	CB	26/04/2023	13:08	14:03	15	Gentle breeze	E	None	Good	90%	No	Restricted coverage due to cattle
10	CB	26/04/2023	07:45	08:38	7	Gentle breeze	E	None	Good	100%	No	
11	CB	27/04/2023	10:09	10:56	9	Light breeze	SE	Mist	Low	100%	No	
12	CB	27/04/2023	11:00	11:57	10	Gentle breeze	SE	Mist	Low	100%	No	
1	CB	30/05/2023	08:07	09:00	14	Light breeze	NE	None	Good	100%	No	
2	CB	30/05/2023	09:06	10:15	15	Gentle breeze	NE	None	Good	100%	No	
3	CB	30/05/2023	10:20	11:19	17	Gentle breeze	NE	None	Good	100%	No	
4	CB	30/05/2023	11:21	12:34	18	Gentle breeze	NE	None	Good	100%	No	
5	CB	30/05/2023	6:50	7:55	11	Moderate breeze	SW	None	Good	100%	No	
6	CB	30/05/2023	12:50	13:45	11	Gentle breeze	SW	None	Good	70%	No	Restricted coverage due to sheep
7	CF	30/05/2023	11:05	12:00	10	Gentle breeze	SW	None	Good	100%	No	
8	CF	30/05/2023	10:10	10:55	11	Gentle breeze	SW	None	Good	100%	No	
9	CF	30/05/2023	9:10	10:00	11	Moderate breeze	SW	None	Good	90%	No	Restricted coverage due to cattle

Turbine	Staff	Date	Start Time	Finish Time	T° C	Wind Speed	Wind Direction	Rain	Visibility	Area covered	Carcass Found	Comments
10	CF	30/05/2023	8:15	9:05	11	Gentle breeze	SW	None	Good	100%	No	Restricted coverage due to cattle
11	CF	30/05/2023	06:45	07:30	13	Light breeze	NE	None	Good	100%	No	
12	CF	30/05/2023	07:34	08:05	14	Light breeze	NE	None	Good	30%	No	Restricted coverage due to mature crop
1	CF	28/06/2023	8:40	9:35	14	Moderate breeze	SW	None	Good	100%	No	
2	CF	28/06/2023	9:40	10:40	15	Moderate breeze	SW	None	Good	100%	No	
3	CF	28/06/2023	10:50	11:55	16	Moderate breeze	SW	None	Good	100%	No	
4	CB	28/06/2023	05:30	06:50	11	Moderate breeze	SW	None	Good	100%	No	
5	CB	28/06/2023	06:55	07:50	12	Moderate breeze	SW	None	Good	100%	No	
6	CB	28/06/2023	07:55	08:42	12	Moderate breeze	SW	None	Good	60%	No	Restricted coverage due to mature crop
7	CB	28/06/2023	08:51	09:53	14	Moderate breeze	SW	None	Good	100%	No	
8	CB	28/06/2023	10:03	11:16	16	Fresh breeze	SW	Showers	Good	100%	No	
9	CB	28/06/2023	11:22	12:05	16	Moderate breeze	SW	None	Good	40%	No	Restricted coverage due to mature crop and sheep
10	CF	28/06/2023	7:45	8:30	12	Moderate breeze	SW	None	Good	100%	No	
11	CF	28/06/2023	6:30	7:35	12	Moderate breeze	SW	None	Good	90%	No	
12	CF	28/06/2023	5:35	6:25	11	Moderate breeze	SW	None	Good	90%	Yes	Pigeon feather spot
1	CB	20/07/2023	08:27	09:13	11	Light breeze	N	None	Good	100%	No	
2	CB	26/07/2023	09:48	10:30	15	Gentle breeze	S	Drizzle	Moderate	70%	No	
3	CB	20/07/2023	11:30	12:53	15	Light breeze	NW	None	Good	100%	No	
4	CB	20/07/2023	10:15	11:20	14	Light breeze	NW	None	Good	70%	No	Restricted coverage due to mature crop
5	CB	26/07/2023	08:55	09:30	13	Gentle breeze	S	Drizzle	Moderate	30%	No	
6	CB	26/07/2023	07:45	08:49	13	Gentle breeze	S	Drizzle	Moderate	100%	Yes	Decaying pipistrelle
7	CB	26/07/2023	06:10	06:35	12	Gentle breeze	S	Mist	Moderate	30%	No	Restricted coverage due to silage being cut
8	CB	20/07/2023	12:59	13:45	17	Light breeze	NW	None	Good	30%	No	
9	CB	26/07/2023	10:33	11:20	15	Gentle breeze	S	Drizzle	Moderate	90%	No	
10	CB	26/07/2023	06:40	07:38	13	Gentle breeze	S	Drizzle	Moderate	100%	No	

Turbine	Staff	Date	Start Time	Finish Time	T°C	Wind Speed	Wind Direction	Rain	Visibility	Area covered	Carcass Found	Comments
11	CB	20/07/2023	06:30	07:29	10	Light breeze	N	None	Good	100%	No	
12	CB	20/07/2023	07:40	08:23	11	Light breeze	N	None	Good	90%	No	
1	CB	31/08/2023	10:25	11:25	13	Calm	S	Mist	Good	100%	No	
2	CB	31/08/2023	12:43	14:10	15	Calm	W	Mist	Good	100%	Yes	Intact decaying bat and intact fresh pipistrelle
3	CB	31/08/2023	12:15	12:40	15	Calm	W	Mist	Good	20-30%	No	Restricted coverage due to bullocks
4	CB	31/08/2023	14:15	15:05	17	Calm	W	Mist	Good	100%	No	
5	CB	30/08/2023	07:40	08:37	12	Calm	NW	None	Good	100%	No	
6	CB	30/08/2023	08:40	10:00	13	Light air	NW	None	Good	100%	No	
7	CB	30/08/2023	12:48	13:45	18	Light air	NW	None	Good	100%	No	
8	CB	30/08/2023	10:10	10:54	16	Light air	NW	None	Good	60%	No	Restricted coverage due to mature crop
9	CB	30/08/2023	07:10	07:35	11	Calm	NW	None	Good	30%	No	Restricted coverage due to bullocks
10	CB	30/08/2023	11:55	12:45	16	Light air	NW	None	Good	90%	Yes	Pigeon feather spot
11	CB	31/08/2023	08:20	09:17	12	Calm	S	Showers	Good	95%	No	
12	CB	31/08/2023	09:30	10:20	12	Calm	S	Showers	Good	90%	No	
1	CF	26/09/2023	8:30	9:30	12	Gentle breeze	E	None	Good	100%	No	
2	CF	26/09/2023	9:40	10:35	13	Gentle breeze	E	None	Good	100%	No	
3	CF	26/09/2023	10:40	11:45	14	Gentle breeze	E	None	Good	100%	No	
4	CF	26/09/2023	11:50	12:55	16	Gentle breeze	E	None	Good	90%	No	
5	CB	26/09/2023	09:35	10:25	13	Gentle breeze	E	None	Good	100%	No	
6	CB	26/09/2023	10:27	11:24	13	Gentle breeze	SE	None	Good	95%	No	
7	CF	26/09/2023	13:10	14:15	17	Gentle breeze	SE	None	Good	90%	No	
8	CB	26/09/2023	11:30	12:20	18	Gentle breeze	SE	None	Good	95%	No	
9	CB	26/09/2023	08:30	09:30	12	Gentle breeze	E	Showers	Good	95%	No	
10	CB	26/09/2023	13:50	14:30	16	Gentle breeze	SE	None	Good	20-30%	No	Restricted coverage due to cattle and sheep
11	CB	26/09/2023	14:34	15:40	16	Gentle breeze	SE	None	Good	90%	No	
12	CF	26/09/2023	14:20	15:30	16	Gentle breeze	SE	None	Good	90%	No	
1	CB	24/10/2023	14:15	15:25	13	Light breeze	N	None	Good	100%	No	
2	CB	24/10/2023	11:05	11:56	12	Light breeze	N	None	Good	80%	No	Restricted coverage due to cattle



Turbine	Staff	Date	Start Time	Finish Time	T° C	Wind Speed	Wind Direction	Rain	Visibility	Area covered	Carcass Found	Comments
3	CB	24/10/2023	09:55	11:00	13	Light breeze	N	None	Good	100%	No	
4	CB	24/10/2023	13:00	14:08	11	Light breeze	N	Light	Good	90%	No	
5	JSB	24/10/2023	12:58	13:57	11	Light breeze	SE	Showers	Good	85%	No	Restricted coverage due to sheep
6	JSB	24/10/2023	11:45	12:33	13	Light breeze	SE	None	Good	40%	No	Restricted coverage due to sheep
7	JSB	24/10/2023	08:40	09:53	10	Gentle breeze	SE	Drizzle	Good	100%	No	
8	JSB	24/10/2023	10:46	11:41	16	Light breeze	SE	None	Good	95%	No	
9	JSB	24/10/2023	14:10	14:56	11	Light air	SE	None	Good	95%	No	
10	JSB	24/10/2023	09:58	10:41	14	Light breeze	SE	None	Good	80%	No	Restricted coverage due to cattle
11	CB	24/10/2023	08:30	08:54	8	Light air	N	None	Good	25%	No	
12	CB	24/10/2023	08:59	09:45	9	Light breeze	N	Light	Good	90%	No	



APPENDIX 7-1

SPECIES LIST

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Table 7 - 1 - 1 Target species recorded during surveys

Species Name	Scientific Name
Golden Plover	<i>Pluvialis apricaria</i>
Kingfisher	<i>Alcedo atthis</i>
Peregrine Falcon	<i>Falco peregrinus</i>
Black-headed Gull	<i>Chroicocephalus ridibundus</i>
Brent Goose	<i>Branta bernicla</i>
Cormorant	<i>Phalacrocorax carbo</i>
Grey Heron	<i>Ardea cinerea</i>
Lapwing	<i>Vanellus vanellus</i>
Lesser Black-backed Gull	<i>Larus fuscus</i>
Little Egret	<i>Egretta garzetta</i>
Mallard	<i>Anas platyrhynchos</i>
Teal	<i>Anas crecca</i>
Kestrel	<i>Falco tinnunculus</i>
Snipe	<i>Gallinago gallinago</i>
Buzzard	<i>Buteo buteo</i>
Sparrowhawk	<i>Accipiter nisus</i>
Grey Wagtail	<i>Motacilla cinerea</i>
Meadow Pipit	<i>Anthus pratensis</i>
Stock Dove	<i>Columba oenas</i>
Yellowhammer	<i>Emberiza citrinella</i>
Redwing	<i>Turdus iliacus</i>
Swift	<i>Apus apus</i>

Table 7 - 1 - 2 Non-target species recorded during surveys

Species Name	Scientific Name
Barn Swallow	<i>Hirundo rustica</i>
Blackbird	<i>Turdus merula</i>
Blackcap	<i>Sylvia atricapilla</i>
Blue Tit	<i>Cyanistes caeruleus</i>
Bullfinch	<i>Pyrrhula pyrrhula</i>
Chaffinch	<i>Fringilla coelebs</i>
Chiffchaff	<i>Phylloscopus collybita</i>
Coal Tit	<i>Parus ater</i>
Collared Dove	<i>Streptopelia decaocto</i>
Common Gull	<i>Larus canus</i>
Common Sandpiper	<i>Actitis hypoleucos</i>
Dunnock	<i>Prunella modularis</i>
Feral duck	<i>Anas platyrhynchos domesticus</i>
Feral Goose	<i>Anser anser domesticus</i>
Feral Pigeon	<i>Columba livia domestica</i>
Fieldfare	<i>Turdus pilaris</i>
Goldcrest	<i>Regulus regulus</i>
Goldfinch	<i>Carduelis carduelis</i>
Great Black-backed Gull	<i>Larus marinus</i>

Species Name	Scientific Name
Great Tit	<i>Parus major</i>
Greenfinch	<i>Chloris chloris</i>
Herring Gull	<i>Larus argentatus</i>
Hooded Crow	<i>Corvus cornix</i>
House Martin	<i>Delichon urbicum</i>
House Sparrow	<i>Passer domesticus</i>
Jackdaw	<i>Coloeus monedula</i>
Jay	<i>Garrulus glandarius</i>
Linnet	<i>Linaria cannabina</i>
Long-tailed Tit	<i>Aegithalos caudatus</i>
Magpie	<i>Pica pica</i>
Mistle Thrush	<i>Turdus viscivorus</i>
Moorhen	<i>Gallinula chloropus</i>
Mute Swan	<i>Cygnus olor</i>
Pheasant	<i>Phasianus colchicus</i>
Pied Wagtail	<i>Motacilla alba</i>
Raven	<i>Corvus corax</i>
Robin	<i>Erithacus rubecula</i>
Rook	<i>Corvus frugilegus</i>
Skylark	<i>Alauda arvensis</i>
Song Thrush	<i>Turdus philomelos</i>
Starling	<i>Sturnus vulgaris</i>
Stonechat	<i>Saxicola rubicola</i>
Whitethroat	<i>Sylvia communis</i>
Willow Warbler	<i>Phylloscopus trochilus</i>
Woodpigeon	<i>Columba palumbus</i>
Wren	<i>Troglodytes troglodytes</i>



APPENDIX 7-2

SURVEY EFFORT



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Table 7.2-1 Vantage Point Survey Effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
25/10/2022	Vantage Point Survey	VP1	3:00 starting at 07:09	Visibility: moderate; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		CB
25/10/2022	Vantage Point Survey	VP1	3:00 starting at 10:39	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		CB
27/10/2022	Vantage Point Survey	VP2	3:00 starting at 07:13	Visibility: moderate; Wind speed and direction: fresh breeze SSE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CB
27/10/2022	Vantage Point Survey	VP2	3:00 starting at 10:43	Visibility: moderate; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		CB
03/11/2022	Vantage Point Survey	VP1	3:00 starting at 11:22	Visibility: good; Wind speed and direction: light breeze SSE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CB
03/11/2022	Vantage Point Survey	VP1	3:00 starting at 14:52	Visibility: moderate; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		CB
04/11/2022	Vantage Point Survey	VP2	3:00 starting at 11:20	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
04/11/2022	Vantage Point Survey	VP2	3:00 starting at 14:50	Visibility: good; Wind speed and direction: light breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
14/12/2022	Vantage Point Survey	VP1	3:00 starting at 07:30	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: light; Snow: falling		CB
14/12/2022	Vantage Point Survey	VP1	3:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: light; Snow: none		CB
21/12/2022	Vantage Point Survey	VP2	3:00 starting at 07:35	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CB
21/12/2022	Vantage Point Survey	VP2	3:00 starting at 11:05	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CB
06/01/2023	Vantage Point Survey	VP1	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		CB
06/01/2023	Vantage Point Survey	VP1	3:00 starting at 14:30	Visibility: moderate; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CB

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
11/01/2023	Vantage Point Survey	VP2	3:00 starting at 11:05	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CB
11/01/2023	Vantage Point Survey	VP2	3:00 starting at 14:35	Visibility: moderate; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CB
09/02/2023	Vantage Point Survey	VP1	3:00 starting at 06:55	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: light; Snow: none		CB
09/02/2023	Vantage Point Survey	VP1	3:00 starting at 10:25	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CB
16/02/2023	Vantage Point Survey	VP2	3:00 starting at 06:41	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		CB
16/02/2023	Vantage Point Survey	VP2	3:00 starting at 10:11	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CB
01/03/2023	Vantage Point Survey	VP2	3:00 starting at 12:35	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		CB
01/03/2023	Vantage Point Survey	VP2	3:00 starting at 16:05	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
10/03/2023	Vantage Point Survey	VP1	3:00 starting at 12:50	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CB
10/03/2023	Vantage Point Survey	VP1	3:00 starting at 16:20	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CB
28/04/2023	Vantage Point Survey	VP1	3:00 starting at 05:00	Visibility: moderate; Wind speed and direction: light air W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		CB
28/04/2023	Vantage Point Survey	VP1	3:00 starting at 08:30	Visibility: good; Wind speed and direction: light air WSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
22/05/2023	Vantage Point Survey	VP2	6:00 starting at 15:45	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		KW
29/05/2023	Vantage Point Survey	VP1	6:00 starting at 16:00	Visibility: good; Wind speed and direction: strong breeze ENE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		KW
22/06/2023	Vantage Point Survey	VP2	6:00 starting at 08:30	Visibility: moderate; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
24/06/2023	Vantage Point Survey	VP1	6:00 starting at 08:00	Visibility: moderate; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
11/07/2023	Vantage Point Survey	VP2	6:00 starting at 06:00	Visibility: good; Wind speed and direction: gentle breeze WNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
12/07/2023	Vantage Point Survey	VP2	3:00 starting at 15:25	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CB
13/07/2023	Vantage Point Survey	VP2	3:00 starting at 15:35	Visibility: good; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		CB
24/07/2023	Vantage Point Survey	VP1	6:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
03/08/2023	Vantage Point Survey	VP1	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
03/08/2023	Vantage Point Survey	VP1	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
11/08/2023	Vantage Point Survey	VP2	3:00 starting at 10:30	Visibility: good; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
11/08/2023	Vantage Point Survey	VP2	3:00 starting at 14:00	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CB
14/09/2023	Vantage Point Survey	VP1	3:00 starting at 05:58	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
14/09/2023	Vantage Point Survey	VP1	3:00 starting at 09:28	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CB
28/09/2023	Vantage Point Survey	VP2	3:00 starting at 06:22	Visibility: good; Wind speed and direction: light breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
28/09/2023	Vantage Point Survey	VP2	3:00 starting at 09:52	Visibility: good; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB



Table 7-2- 2 Winter Walkover Survey Effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
17/10/2022	Winter Walkover Survey	500m Survey Radius	4:00 starting at 11:30	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
01/12/2022	Winter Walkover Survey	500m Survey Radius	4:30 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
05/01/2023	Winter Walkover Survey	500m Survey Radius	4:00 starting at 11:00	Visibility: good; Wind speed and direction: strong breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CB
02/03/2023	Winter Walkover Survey	500m Survey Radius	4:00 starting at 13:00	Visibility: good; Wind speed and direction: light breeze ENE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB

Table 7-2. 3 Breeding Walkover Survey Effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
17/04/2023	Breeding Walkover Survey	500m Survey Radius	5:00 starting at 11:00	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
18/04/2023	Breeding Walkover Survey	500m Survey Radius	4:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CB
10/05/2023	Breeding Walkover Survey	500m Survey Radius	4:00 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CB
11/05/2023	Breeding Walkover Survey	500m Survey Radius	3:30 starting at 11:45	Visibility: good; Wind speed and direction: gentle breeze WNW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		CB
14/06/2023	Breeding Walkover Survey	500m Survey Radius	4:30 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze ESE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CB
15/06/2023	Breeding Walkover Survey	500m Survey Radius	4:30 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze SSE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CB
12/07/2023	Breeding Walkover Survey	500m Survey Radius	4:15 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
13/07/2023	Breeding Walkover Survey	500m Survey Radius	4:00 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	One brief 5 min shower	CB

Table 7-2-4 Waterbird Distribution and Abundance Survey Effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
04/10/2022	Waterbird Distribution Survey	8km Survey Radius	5:30 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CB
20/10/2022	Waterbird Distribution Survey	8km Survey Radius	5:00 starting at 11:30	Visibility: good; Wind speed and direction: light breeze ESE; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none		CB
02/11/2022	Waterbird Distribution Survey	8km Survey Radius	5:30 starting at 10:30	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
15/11/2022	Waterbird Distribution Survey	8km Survey Radius	5:00 starting at 11:00	Visibility: good; Wind speed and direction: light air SSW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CB
29/11/2022	Waterbird Distribution Survey	8km Survey Radius	5:00 starting at 11:00	Visibility: good; Wind speed and direction: calm NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CB
13/12/2022	Waterbird Distribution Survey	8km Survey Radius	5:00 starting at 11:00	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: light; Snow: none		CB
04/01/2023	Waterbird Distribution Survey	8km Survey Radius	5:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		CB
16/01/2023	Waterbird Distribution Survey	8km Survey Radius	5:05 starting at 10:45	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: light; Snow: none		CB
08/02/2023	Waterbird Distribution Survey	8km Survey Radius	4:10 starting at 11:50	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
21/02/2023	Waterbird Distribution Survey	8km Survey Radius	5:00 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		CB
09/03/2023	Waterbird Distribution Survey	8km Survey Radius	4:00 starting at 13:00	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CB
23/03/2023	Waterbird Distribution Survey	8km Survey Radius	4:00 starting at 12:30	Visibility: good; Wind speed and direction: fresh breeze SSW; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		CB



Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
05/04/2023	Waterbird Distribution Survey	8km Survey Radius	5:00 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CB
19/04/2023	Waterbird Distribution Survey	8km Survey Radius	4:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
04/05/2023	Waterbird Distribution Survey	8km Survey Radius	4:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 33-66% >500m; Rain: light showers; Frost: none; Snow: none		CB
19/05/2023	Waterbird Distribution Survey	8km Survey Radius	4:30 starting at 10:30	Visibility: good; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB

Table 7-2- 5 Breeding Raptor Survey Effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
03/05/2023	Breeding Raptor Survey	BRVP1	3:00 starting at 10:55	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
03/05/2023	Breeding Raptor Survey	BRVP2	3:00 starting at 14:00	Visibility: good; Wind speed and direction: gentle breeze ESE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
05/05/2023	Breeding Raptor Survey	BRVP3	3:00 starting at 11:15	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CB
05/05/2023	Breeding Raptor Survey	BRVP4	3:00 starting at 14:25	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
08/05/2023	Breeding Raptor Survey	BRVP5	3:00 starting at 12:25	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CB
08/05/2023	Breeding Raptor Survey	BRVP6	3:00 starting at 15:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
07/06/2023	Breeding Raptor Survey	BRVP4	3:00 starting at 08:30	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
07/06/2023	Breeding Raptor Survey	BRVP3	3:00 starting at 12:30	Visibility: good; Wind speed and direction: fresh breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
07/06/2023	Breeding Raptor Survey	BRVP2	3:00 starting at 16:00	Visibility: good; Wind speed and direction: fresh breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
08/06/2023	Breeding Raptor Survey	BRVP1	3:00 starting at 08:15	Visibility: moderate; Wind speed and direction: moderate breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		KW
08/06/2023	Breeding Raptor Survey	BRVP5	3:00 starting at 12:30	Visibility: moderate; Wind speed and direction: moderate breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		KW
08/06/2023	Breeding Raptor Survey	BRVP6	3:00 starting at 16:00	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		KW

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
05/07/2023	Breeding Raptor Survey	BRVP1	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CB
05/07/2023	Breeding Raptor Survey	BRVP2	3:00 starting at 14:10	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CB
06/07/2023	Breeding Raptor Survey	BRVP3	3:00 starting at 12:00	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CB
06/07/2023	Breeding Raptor Survey	BRVP4	3:00 starting at 15:05	Visibility: moderate; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		CB
07/07/2023	Breeding Raptor Survey	BRVP5	3:00 starting at 11:20	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
07/07/2023	Breeding Raptor Survey	BRVP6	3:00 starting at 14:30	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CB
07/07/2023	Breeding Raptor Survey	BRVP2	3:00 starting at 16:00	Visibility: moderate; Wind speed and direction: moderate breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		KW
07/07/2023	Breeding Raptor Survey	BRVP5	3:00 starting at 13:30	Visibility: moderate; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		KW
27/07/2023	Breeding Raptor Survey	BRVP2	3:00 starting at 11:45	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
27/07/2023	Breeding Raptor Survey	BRVP1	3:00 starting at 15:15	Visibility: good; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		KW
28/07/2023	Breeding Raptor Survey	BRVP6	3:00 starting at 06:45	Visibility: poor; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
28/07/2023	Breeding Raptor Survey	BRVP3	3:00 starting at 10:15	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		KW



Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
28/07/2023	Breeding Raptor Survey	BRVP5	3:00 starting at 13:45	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		KW
29/07/2023	Breeding Raptor Survey	BRVP4	3:00 starting at 10:00	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		KW



APPENDIX 7-3

SUMMARY DATA

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

Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Black-headed Gull	2022	number of observations												15	15
		flight duration (seconds)												1145	1145
		bird seconds at PCH												0	0
	2023	number of observations		3	1										4
		flight duration (seconds)		145	195										340
		bird seconds at PCH		4965	1560										6525
Buzzard	2022	number of observations										5	7	6	18
		flight duration (seconds)										990	1055	285	2330
		bird seconds at PCH										0	855	0	855
	2023	number of observations	6	9	30	5	20	16	25	14	11				136
		flight duration (seconds)	655	2155	5229	780	3693	2450	4516	1520	1472				22470
		bird seconds at PCH	0	500	4330	360	2125	479	967	360	1640				10761
Golden Plover	2022	number of observations											3	1	4
		flight duration (seconds)											3630	280	3910
		bird seconds at PCH											189550	0	189550
	2023	number of observations													0
		flight duration (seconds)													0
		bird seconds at PCH													0
Grey Heron	2022	number of observations													0
		flight duration (seconds)													0
		bird seconds at PCH													0
	2023	number of observations					1								1
		flight duration (seconds)					76								76
		bird seconds at PCH					0								0
Kestrel	2022	number of observations										2	7	2	11
		flight duration (seconds)										10	1325	40	1375
		bird seconds at PCH										0	185	0	185
	2023	number of observations	4	2				2			3				11

Species	Year	Observations	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Lesser Black-backed Gull		flight duration (seconds)	140	195				227			120				682
		bird seconds at PCH	30	0				170			0				200
		number of observations										9	3	2	14
	2022	flight duration (seconds)										1505	838	75	2418
		bird seconds at PCH										4990	3710	0	8700
		number of observations	4	9		1	2		1	2	6				25
	2023	flight duration (seconds)	550	2275		50	295		136	290	655				4251
		bird seconds at PCH	2820	29520		0	1005		0	110	375				33830
		number of observations													
Peregrine Falcon	2022	flight duration (seconds)													0
		bird seconds at PCH													0
		number of observations					1	1							2
	2023	flight duration (seconds)					273	11							284
		bird seconds at PCH					273	0							273
		number of observations													
Snipe	2022	flight duration (seconds)										1		2	3
		bird seconds at PCH										15		50	65
		number of observations										0		0	0
	2023	flight duration (seconds)													0
		bird seconds at PCH													0
		number of observations													0
Sparrowhawk	2022	flight duration (seconds)										1			1
		bird seconds at PCH										15			15
		number of observations										0			0
	2023	flight duration (seconds)		1					2		1				4
		bird seconds at PCH		5					123		10				138
		number of observations		0					108		0				108

Table 7 - 3 - 2 Summary of winter walkover records - Dark grey cells indicate non-surveyed months

Species	Year	Abundance	Jan	Feb	Mar	Oct	Nov	Dec	Total
Black-headed Gull	2022	number of observations						4	4
		number of individuals						19	19
	2023	number of observations			1				1
		number of individuals			215				215
Buzzard	2022	number of observations				12		2	14
		number of individuals				12		3	15
	2023	number of observations	2		3				5
		number of individuals	2		3				5
Kestrel	2022	number of observations				2		1	3
		number of individuals				2		1	3
	2023	number of observations							0
		number of individuals							0
Lesser Black-backed Gull	2022	number of observations				2		10	12
		number of individuals				14		229	243
	2023	number of observations	1		1				2
		number of individuals	1		2				3
Peregrine Falcon	2022	number of observations						1	1
		number of individuals						1	1
	2023	number of observations							0
		number of individuals							0

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

Species	Year	Abundance	Apr	May	Jun	Jul	Aug	Sep	Total
Buzzard	2023	number of observations	14	10	13	23			60
		number of individuals	17	11	16	27			71
Kestrel	2023	number of observations				6			6
		number of individuals				7			7
Lesser Black-backed Gull	2023	number of observations	2		2	5			9
		number of individuals	4		2	10			16
Snipe	2023	number of observations	1						1
		number of individuals	1						1
Sparrowhawk	2023	number of observations			2				2
		number of individuals			2				2

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

Species	Year	Abundance	Jan	Feb	Mar	Apr	May	Aug	Sep	Oct	Nov	Dec	Total
Black-headed Gull	2022	number of observations									7	8	15
		number of individuals									96	46	142
	2023	number of observations	4	2		1							7
		number of individuals	86	12		2							100
Brent Goose	2022	number of observations								1			1
		number of individuals								7			7
	2023	number of observations											0
		number of individuals											0
Cormorant	2022	number of observations								4	7	5	16
		number of individuals								4	15	10	29
	2023	number of observations	8	4	9	4							25
		number of individuals	21	5	16	10							52
Grey Heron	2022	number of observations								11	16	4	31
		number of individuals								17	32	14	63
	2023	number of observations	10	5	9	7	11						42
		number of individuals	26	6	13	10	16						71
Kingfisher	2022	number of observations									1	1	2
		number of individuals									1	1	2
	2023	number of observations	1										1
		number of individuals	2										2
Lapwing	2022	number of observations									2	1	3
		number of individuals									58	8	66
	2023	number of observations	3	1									4
		number of individuals	31	359									390
Lesser Black-backed Gull	2022	number of observations								1	6	2	9
		number of individuals								11	259	3	273
	2023	number of observations	5	2	3	8	4						22
		number of individuals	11	6	37	96	13						163